Product Review 2025

Outdoor luminaires · Indoor luminaires · Outdoor Furniture

BEGA

Light for the house and the garden 2025

We would also be pleased to send you our catalog "Light for the house and the garden 2025". It presents a selection of luminaires from our complete range, which are particularly suitable for the illumination and design of private outdoor and indoor areas. Separate brochures can be ordered on the Internet at: www.bega.com

Complete Product Range 2025

This complete product range offers an overview of all BEGA products for outdoors and indoors, and provides fast information about all new products and the most important data.

Products no longer included in the catalogues are marked with a black dot (•) before the article number – products that are new to the range are marked with a green dot (•).

The data provided in the tables may change as a result of technical progress. All current values and additional technical data can be found on the website as part of the product data sheets.
There you will also find instructions for use, lighting data, sample quotations and application examples.
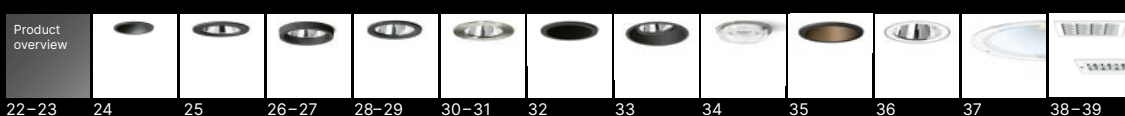
This complete product range is intended for commercial resellers and not for end users.

All goods, services and quotes supplied and/or submitted by BEGA to companies are solely subject to our terms of delivery, which can be accessed at www.bega.de/en/service/terms-of-delivery.
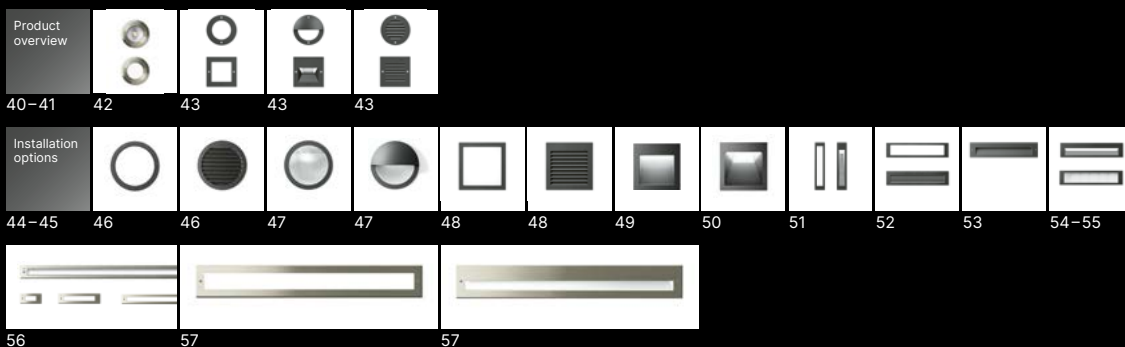
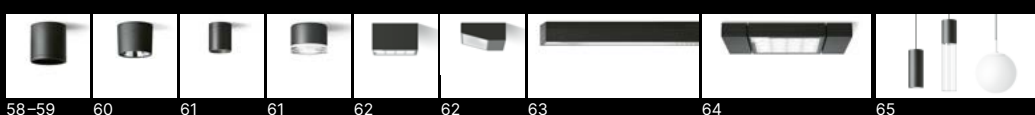This edition supersedes all previous editions of this document.
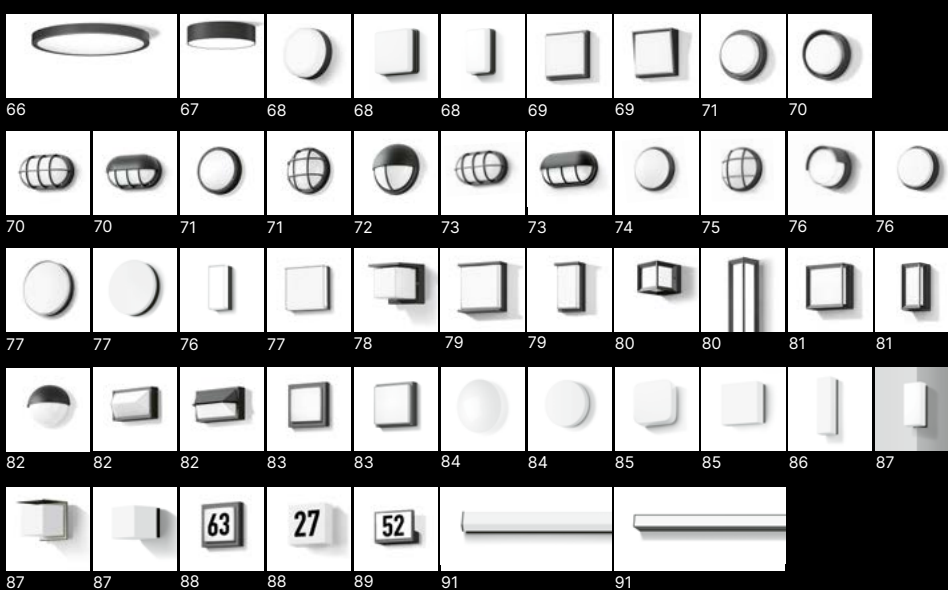
Outdoor luminaires

Recessed ceiling luminaires

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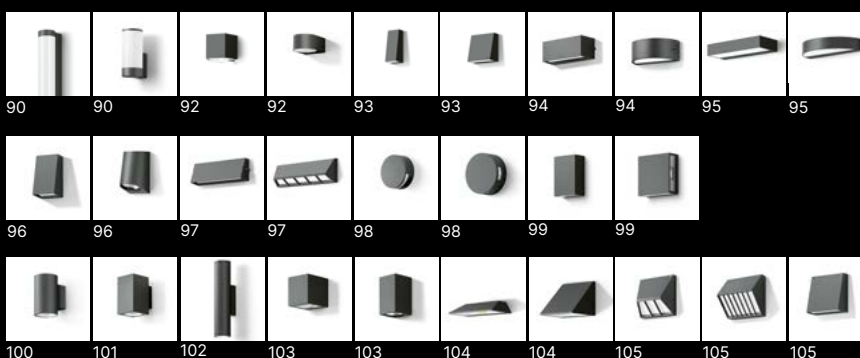
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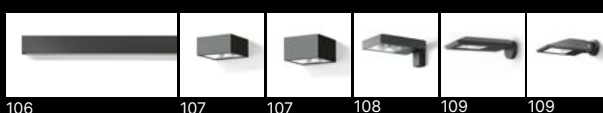
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About us and our products

BEGA is a global leader and innovator in the sector for sophisticated architectural lighting. We have been developing and producing high-quality luminaires for virtually all areas of interior and exterior design for more than 80 years – with a clear focus on sustainability.

Sustainable by Design

"Sustainable by Design" describes our holistic approach in which sustainability is integrated into the development and design process from the very beginning. We design luminaires that meet the highest aesthetic requirements while conserving resources and operating reliably for decades.
We think of sustainability as the responsible use of environmentally friendly materials in all aspects of what we do.

All production is done at our own factories in Germany, Belgium, France, and the US – with the very best components that ensure extraordinary durability. Our 20-year availability guarantee for luminaire components enables use over generations and underlines our commitment to quality and sustainability.

LED technology offers us inexhaustible design freedom.
Our own premium standard module production has afforded us maximum independence. As structural details, our luminaires are closely bound to architecture and serve as professional lighting tools for precise and sustainable indoor and outdoor illumination.

Alongside high-quality luminaires, we offer versatile furniture solutions for public areas. The Modular Furniture System enables freely configurable urban furniture that can be individually designed with tables, benches and planter modules.

In semi-public spaces, such as restaurants and leisure centres, our Outdoor Furniture line helps to structurally divide and enhance the atmosphere of areas using functional and aesthetic design.

BEGA Continued Life Program

BEGA luminaires are designed for decades of use and can be further optimised through strategic technical modernisation.

Our Continued Life Program enables efficient retrofitting of existing luminaires to adjust them to current requirements for energy efficiency and light quality. Instead of purchasing entirely new luminaires, the existing light infrastructure is maintained and enhanced with modern LED components. Apart from the technical equipment, there is also an option of professionally reconditioning luminaires for long-term quality in both look and function.

bega.com/clp

Convenient upgrade

The conversion to energy-efficient LED technology can be carried out directly on site. Exact conversion kits allow easy modernisation of existing luminaires with standard tools – quickly and without requiring much effort.

Technical conversion and reconditioning of surfaces

Apart from modernisation of lighting technology, we also offer professional reconditioning of luminaires. In the process, technical components are replaced while the housing and surfaces are repaired, ensuring a look and performance at the level of a new product, including renewed warranty.

Material quality without compromises

Durability starts with selecting the right materials. BEGA relies on materials that can withstand extreme conditions, retaining their function and aesthetics for decades. Metals play a crucial role here:

Aluminium is highly resistant to corrosion, with low density and excellent heat conductivity, making it an ideal material for efficient thermo-management in our luminaires.

Cast aluminium enables precise shaping, high mechanical durability and excellent dimensional accuracy.

Stainless steel offers extraordinary stability and resistance to environmental influences for use in challenging environments.

Other materials such as **cast zinc, cast bronze, copper, brass and lead-free cast brass** are also used in our products.

We use additive manufacturing to ensure the resource-efficient implementation of precise designs. Our intensive material research delivers the optimal solution for every application. We strategically combine, glass, BEGA NeoGlass®, wood and synthetic material from additive manufacturing.
In this way, we bring together function and high-quality aesthetics.

Each material is carefully inspected and enhanced to ensure maximum resistance against environmental influences, mechanical loads and ageing. At the same time, we optimise our production processes to use resources efficiently and create sustainable products for lasting quality.

Glass
for sophisticated architecture

Glass is one of the oldest materials and combines a shiny aesthetic with cool practicality. It awards our products an elegant touch and sets standards in process quality as well as light deflection. Our glass covers and optical systems deliver excellent lighting results and permanent quality, for use in sophisticated architecture.

BEGA NeoGlass®
The perfect addition to glass and silicone

BEGA NeoGlass® is the highly efficient supplement to materials such as glass or silicone and is used particularly for exceptional optical systems and highly reliable luminaire covers. The choice between glass, the variants of BEGA NeoGlass® or silicone depends on the technical lighting requirements and the specific environmental conditions.

Wood
durable and stylishly sustainable

Our wood components are monitored regularly for quality and sustainability in accordance with the requirements of the FSC standards. The methods used for upgrading equip the pine wood components with characteristics that are otherwise only typical of tropical woods and hardwood.
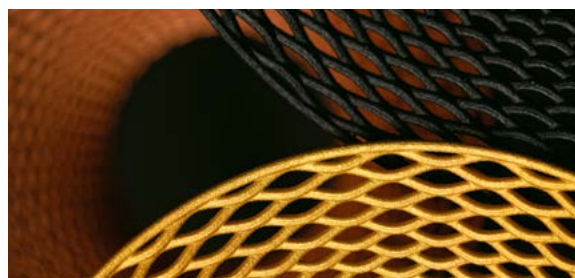
Synthetic material from additive manufacturing
versatile high-tech polymers

In some specific areas of application, synthetic material is superior to other materials in terms of energy balance and application efficiency. Our products made of thermoplastic material feature consistent performance as well as high impact resistance and elasticity.

Our surface technologies
with outstanding durability

BEGA luminaires are intended to blend in harmoniously as architectural details and to perform their tasks for many years. As part of our commitment to sustainability, we pay special attention to efficient surface protection for our luminaires. Resistance to corrosion and weathering as well as light stability are a high priority for us, in part due to the enormous variety of weather conditions worldwide.

BEGA Coating Technology® combines two technologies for the efficient protection of metallic surfaces. Thanks to this method, we achieve the highest quality of surface protection. The data sheets on our website provide information about the version of BEGA Coating Technology®.

BEGA Unidure®

BEGA Unidure® is our technology which we use in order to meet the highest demands in terms of weather resistance and light stability.
This extremely weather-resistant powder coating achieves outstanding results in the most extreme endurance tests for worldwide use under particularly challenging climatic conditions. These include continuous sunlight, extremely high temperatures and high humidity.

BEGA Tricoat®

We achieve the best possible surface protection and optimal corrosion resistance with our BEGA Tricoat®. This is ensured thanks to carefully coordinated inorganic and organic coating processes applied to extremely resistant alloys.

Our technologies for protective
thermal management and optimal component protection

Electronic components can be very temperature-sensitive, yet are often exposed to high temperatures inside a luminaire. Adverse ambient temperatures also place added strain on power supply units and modules in many places. This can lead to malfunctions and damage to the components.

BEGA Thermal Management® and BEGA Ultimate Driver® guarantee optimal thermal protection and power supply units of the highest quality.

BEGA Thermal Management®

BEGA Thermal Management® comprises two protection levels: BEGA Thermal Switch® and BEGA Thermal Control®. The protective device installed in each case depends on the luminaire type and its primary use. The data sheets for the luminaires on our website provide information about the version of BEGA Thermal Management®.

BEGA Thermal Switch®

Luminaires with the BEGA Thermal Switch® have a thermal cut-off that protects temperature-sensitive components by switching them off temporarily to prevent the luminaire from overheating in high ambient temperatures.

BEGA Thermal Control®

Luminaires with BEGA Thermal Control® come equipped with thermal regulation which temporarily controls the luminaire output for temperature-sensitive components or takes measures to regulate the temperature inside the luminaire to therefore protect the luminaire from overheating due to excessive ambient temperatures. The luminaires are not switched off and continue to operate thanks to BEGA Thermal Control®.

BEGA Ultimate Driver®

BEGA Ultimate Driver® is a power supply unit developed to meet the highest BEGA quality standards. It is characterised by numerous unique features.
These include: optimum regulation thanks to BEGA Thermal Management®, impressive service life, high dielectric strength and maximum durability. Highly robust design, efficient overvoltage protection and low inrush current round off the advantages of this technology.

Our optical systems
of the highest lighting quality

The longevity of BEGA products, premium quality and our utmost sense of responsibility define our guiding principles. Accordingly, the consistent use of the highest quality components forms part of our philosophy of sustainability. By perfectly coordinating our LED modules with light-directing systems, we have maximally optimised the efficiency of our luminaires. We rely on technologies that guarantee durable, practically wear-free optical systems of the highest technical quality.
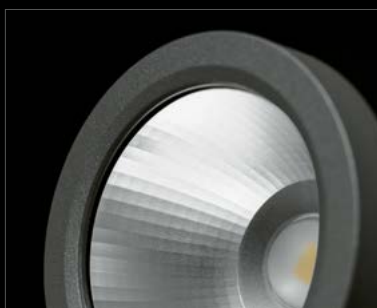
BEGA Constant Optics®
The efficient optical system

The name itself makes it clear: BEGA Constant Optics® is nearly wear-free. This is guaranteed by the use of age-resistant materials like glass, pure aluminium and silicone in these products. They show no effects of ageing, even under extreme conditions like high temperatures and UV radiation.

BEGA Vortex Optics®
Perfect light deflection

BEGA Vortex Optics® features specially developed twisted reflectors with a pure aluminium finish. The more intensive bundling of light ensures perfect light control. The result is optimised light distribution without artefacts. Thanks to excellent glare control, BEGA Vortex Optics® achieve excellent visual comfort.

Our LED technology
with a 20-year availability guarantee

Decades of experience have taught us the quality that is demanded of luminaires. This knowledge has allowed us to consistently improve our products across the board.

When processing and selecting our LED components, we consistently adhere our own ideas and are not guided by standard market criteria. We have established all the necessary conditions for this – in particular, state-of-the-art manufacturing processes at our own facilities.

That is why all BEGA LED luminaires come with tailor-made modules from our own production.

We have full control over all materials used and never have to compromise. We determine all important factors like light output, light colour, and the thermo-management of a luminaire ourselves, which allows us to impact directly on its quality. We consistently use high-end and durable materials like glass, BEGA NeoGlass®, silicone and aluminium to ensure the highest possible ageing resistance for the entire optical system.

We guarantee the availability of replacement modules as much as 20 years after an LED luminaire is purchased from us.

The technology and design of the components may have changed by then. But our customers can rest assured that the light colour and output of the replacements will match the LED modules originally installed.

The design of our LED luminaires allows for an easy replacement of these components on site with standard tools.
The reliable and economical further use of your LED luminaires is thus assured.

BEGA Hybrid Optics®
The perfect match

BEGA utilises BEGA Hybrid Optics® technology to maximise the efficiency of technical indoor and outdoor luminaires. What makes this system unique is the perfect interplay of precisely dimensioned reflectors with a pure aluminium finish and lenses made of ultra-clear silicone or BEGA NeoGlass®.

In these luminaires, virtually every beam of light emitted by the LED modules is captured, directed and used for optimal light distribution. That is the biggest difference between hybrid optics and conventional light deflection methods, in which much of the light leaves the luminaire without being deflected.
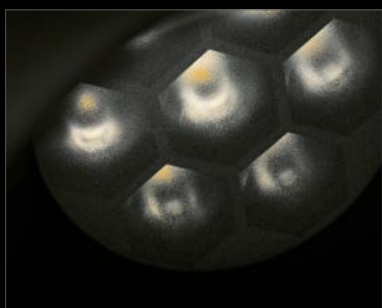
BEGA Ultradark Optics®
For optimal visual comfort

We have developed this technology especially for situations that demand luminaires with the lowest stray light percentage as possible. BEGA Ultradark Optics® features a combination of special optical lens made of BEGA NeoGlass®, inside louvres and an ultra black nano coating inside the luminaire to minimise the diffuse light percentage of the luminaires and ensures highly efficient, glare-free visual comfort.

BEGA Zoom optics
For individual lighting requirements

This optical system is infinitely adjustable and can be adapted flexible to different requirements. The half beam angles can be varied from narrow beam to very wide beam depending on the customer's requirements, ensuring an optimal light distribution. Convenient adjustment is also possible after installation when switched on, which makes fine-tuning considerably easier. In addition, optionally available diffuser lenses allow for various light distributions to fulfil specific lighting requirements even more precisely.

Responsible outdoor lighting
Environmentally friendly light

Natural light sources such as the sun and the moon influence the biological activity of plants and microorganisms. They also affect the instincts of humans and animals. Moonlight helps animals navigate in the dark. This is particularly true for the group of animals with the most different species: insects. Other influencing factors include changes between light and dark, the light incidence direction and the rhythm of light in the form of the duration of daily light use.

The influence of blue light component
on insects and humans

Artificial light – and particularly light with a high blue light content – is attractive to animal life, and specifically insects and birds.
It can severely disrupt life's natural rhythms. The consequences can be far-reaching: Impairment of reproductive and foraging activities and even the death of animals in the vicinity of artificial light sources. Light should not be a disruptive factor to the natural balance: instead, it should minimise negative influences on the ecosystem as a whole.

Our focus is on responsible outdoor lighting that addresses the fundamental relevance of illumination to ensure safety and create identity.
On the one hand, this illuminates our living spaces.
On the other hand, it prevents negative impacts on animal habitats where possible, in natural spaces as well as urban environments.

3000 K Amber

Ultraviolet Infrared
300   400   500   600   700 nm

■ Light wavelength visibility for nocturnal insects
■ Reduced blue light by using an amber hue
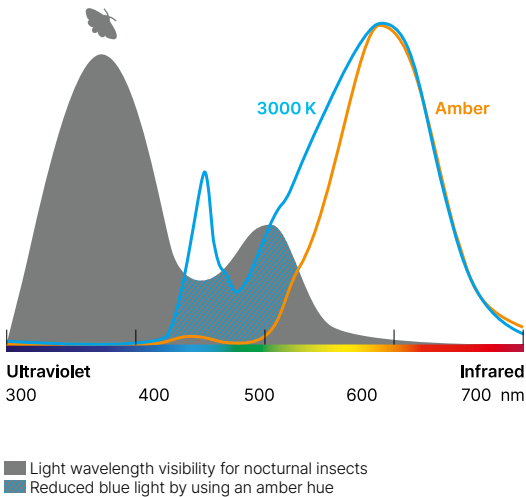
DarkSky

Dark Sky
luminaires for natural environments

The luminaires in our **Dark Sky** range direct their light onto the surface to be illuminated with high efficiency, while emitting no light or less than 1 % of their light into the upper half-space of the luminaire.

bega.com/darksky

BugSaver

BEGA BugSaver®
Eco-friendly light for the protection of nocturnal animals

We have developed luminaires with **BEGA BugSaver®** technology for efficient illumination in urban and natural environments. This technology enhances the sense of security for people, while protecting nocturnal animals.

• Reduction of the colour temperature from 3000 K to an amber hue with significantly reduced blue light component (similar to 1800 K)

• Control optionally via BEGA BugSaver® control devices (up to 9 luminaires) or via DALI DT8

• Optional integration into intelligent light control systems: We recommend BEGA Connect

bega.com/bugsaver

3000 Kelvin

Amber
(similar to 1800 Kelvin)

Amber
(similar to 1800 Kelvin)
with simultaneous power
reduction

BEGA Connect

BEGA Connect brings your lighting system to the cloud. Now professional light control is easier than ever.
Configured via smartphone or tablet – from anywhere, for everywhere.

Extra practical: The required Internet connection is directly included where necessary, thanks to Narrowband IoT! Now even extensive installations can become one unified system, without being connected by a control cable.

Simple anywhere.
Simple everywhere.

At BEGA, we are always thinking of lighting in the context of the architecture to be illuminated. It is all about the interplay of the two, about the connection. So we created an **Architectural Lighting Management System (ALMS)** with a simple, descriptive name: **BEGA Connect**.

It expands the possibilities of professional light control and combines light and architecture into one holistic concept. A concept that is constantly adapting and evolving. And taking advantage of the latest technologies such as the Narrowband Internet of Things (Narrowband IoT).

BEGA Connect opens up countless possibilities for you to use smart light to showcase both smaller lighting installations and large illumination projects. Wherever you are:
You can control, plan and monitor individual luminaires from any location via a modern and intuitive app.

BEGA Connect simplifies complex systems for beginners and experts alike. Reliable and secure:
Up to the highest standards and with all your data on cloud servers in Germany in accordance with strict German data protection laws.

BEGA Connect means:
Focusing on what's important, simple and intuitive. The sophisticated user interface of the BEGA Connect mobile and web app is straightforward and easy to use even without prior technical knowledge.

Once the electrical installation is complete, the intuitive BEGA Connect app guides you through the configuration comprising only a few steps – complex technical decisions are made automatically in the background. You then have all illumination options at your disposal, governed by a superior utilisation concept that is unrivalled in the professional sector.

connect.bega.com

The BEGA Connect mobile app

The mobile app for Android and iOS on devices like smartphones or tablets is ideal for initial on-site setup and configuration of a system.

The BEGA Connect web app

For convenient and clear management of your lighting systems, you can use the browser-based web app on any device wherever you are. This enables you to make extensive adjustments to large systems on a full-screen display for convenience and easy visibility.

Efficient light control in Smart Homes
based on the integration of intelligent standards

BEGA Smart

What advantages does light control offer?

Controlling the light means dimming individual luminaires, bundling them in groups, and switching them on and off at specific times. An intelligent light control system does all that and more.
Our light control systems were developed for daily use. For a home where everything is straightforward. For an increasingly convenient automation of your lighting.
Light control can also be used offline if you choose, that is, without any Internet connection. In this case, you can still control the light conveniently with your smartphone using the app.
Alternatively, you can control your Smart Home online – no matter where you are.

All devices are networked wirelessly: This is easy and flexible not only in new buildings but especially in existing structures, since no separate control cables are required. This prevents the need for extensive renovation work.

You can find all BEGA Smart system components on Page 406.

bega.com/smart

BEGA Smart:
Easy installation –
guided configuration

App Store

GET IT ON
Google Play

⋈ wibutler

Open source for everyone – and safe

The wibutler OS offers a platform for digital building control. BEGA Smart components can easily be integrated into a Professional Smart Home alongside third party products using wibutler pro – safe cloud access from anywhere is included.

The cross-device control system allows easy operation of lighting systems, electronics, sensors, ventilation systems, heating systems, motorised awnings and roller shades and much more – all via one single app.
It allows over 300 devices from more than 40 brands to be securely networked together.

Your advantages in combination with BEGA Smart products:

• Networking options with other devices and third-party products

• Control flexibility – by switch, voice command, smartphone...

• Easy initial setup and clear navigation

• Remote control of the entire system

wibutler.com
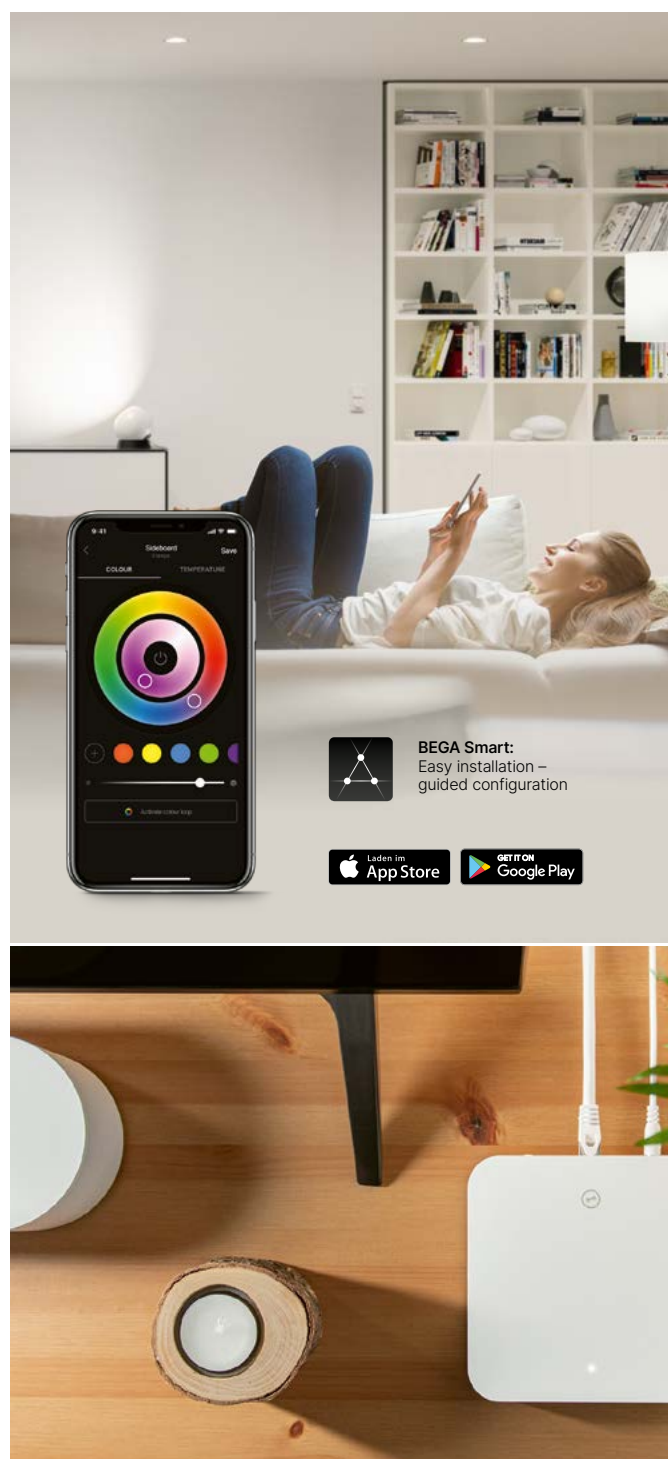
Outdoor luminaires

We have been developing and producing high-quality luminaires for almost all areas of architecture for 80 years. We know the extreme conditions which particularly outdoor luminaires have to face up to. They are exposed to dirt, atmospheric influences and extreme temperature fluctuations. They have to stand up to enormous stress more than other luminaires.

The following section of the full product range provides you with a complete overview of all BEGA outdoor luminaires and all the most important data at a glance.

You will find detailed technical data for all luminaires, accessories and components on our website.
Use our convenient search feature to search by article number or keyword.

Recessed ceiling luminaires · Downlights

Our recessed ceiling luminaires can be installed in suspended ceilings or in concrete ceilings in connection with the right BEGA installation housing. The exact installation dimensions and prerequisites for installation are provided in the instructions for use available on our website.

24

Recessed ceiling spotlights

external 48 V DC or 230 V AC · on/off · DALI
3000 K
345–650 lm
Ø 60 · 78 mm

25

**PRIMA
Recessed ceiling downlights**

on/off · DALI
3000 K · 4000 K
970–3165 lm
Ø 175 · 220 mm

32

**Compact downlights
with BEGA Ultradark Optics®
with minimal diffuse light percentage**

DALI
3000 K · 4000 K
660–3285 lm
Ø 110 · 145 · 175 · 220 mm

33

**Recessed ceiling downlights
with adjustable light distribution**

DALI
3000 K · 4000 K
435–4290 lm
Ø 115 · 150 · 225 · 265 mm

34

**Compact downlights
Stainless steel trim ring and crystal glass**

on/off · DALI
3000 K · 4000 K
250–1490 lm
Ø 80 · 115 · 155 · 185 mm

38

**Square
Recessed ceiling downlights
with BEGA Vortex Optics®**

on/off · DALI
3000 K · 4000 K
335–7735 lm
□ 120 · 155 · 190 · 275 mm

39

**Linear
Recessed ceiling downlights
with BEGA Vortex Optics®**
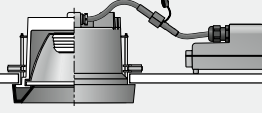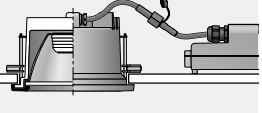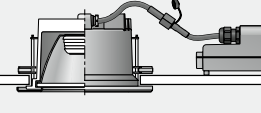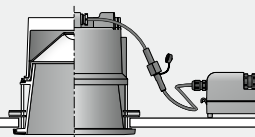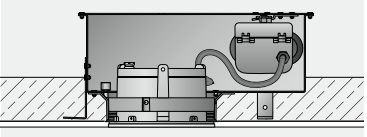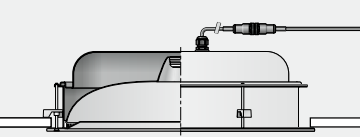
DALI
3000 K · 4000 K
1580–7175 lm
Length: 550 · 1045 · 1535 mm

26

Compact downlights
Trim ring
made of cast aluminium

BugSaver

DALI
3000 K · 4000 K
350–8115 lm
Ø 110 · 145 · 175 · 220 · 260 mm

28

Compact downlights
flat trim ring
made of cast aluminium

BugSaver

DALI
3000 K · 4000 K
350–8135 lm
Ø 110 · 145 · 175 · 220 · 260 mm

30

Compact downlights
Trim ring
made of stainless steel

BugSaver

DALI
3000 K · 4000 K
350–8175 lm
Ø 120 · 160 · 180 · 240 · 280 mm

35

Compact downlights
with bronze inner coating

on/off
3000 K
360 · 655 lm
Ø 110 · 145 mm

36

Recessed ceiling downlights
for flush-mounted installation
in unplastered or plastered concrete ceilings

DALI
3000 K · 4000 K
1210–2930 lm
Ø 135 · 155 mm

37

BEGA daylight luminaire
Recessed ceiling luminaire
with additional downlight

DALI
3000 K · 2700 K–6500 K
4370 lm · 1830–3530 lm
Ø 600 mm

Light distribution
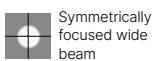
Symmetrically focused wide beam

Symmetrically focused very wide beam

Symmetrical

Asymmetrical

Flat beam

Adjustable

Adjustable zoom optics

RGBW

Adjustable tunable white

Installation housing

Recessed ceiling luminaires
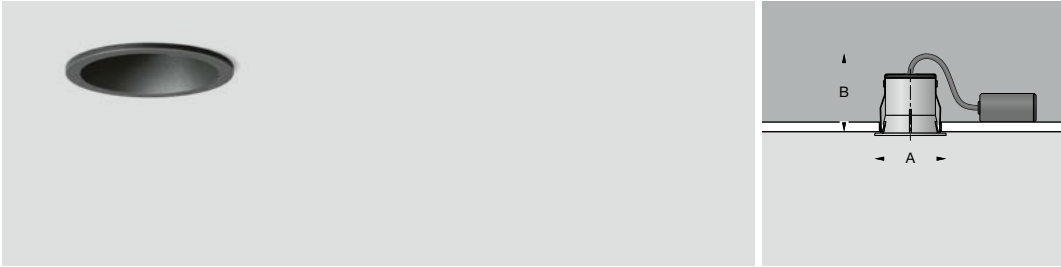
Recessed ceiling spotlights
with symmetrical wide beam or very wide beam light distribution

Protection class IP 65
Cast aluminium and stainless steel · Polymer lens BEGA NeoGlass®
BEGA Ultimate Driver®

For luminaires with an operating voltage of 48 V DC, external power supply units for the joint operation
of multiple luminaires are available. Power supply units are accessories and must be ordered separately.

The luminaires for an operating voltage of 230 V AC are delivered including external on/off power supply unit.
Suitable installation housings for installing the luminaires in concrete ceilings can be found in the table.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Symmetrical light distribution · **48 V AC**						External power supply unit		Install. housing
Wide beam LED		β	A	B		on/off	DALI	
24 786	4.8 W	425 lm	28°	60	65	**13 619**	**13 620**	**13 617**
24 788	5.6 W	650 lm	32°	78	85	**13 619**	**13 620**	**13 618**
Very wide beam								
24 787	4.8 W	345 lm	50°	60	65	**13 619**	**13 620**	**13 617**
24 789	5.6 W	640 lm	60°	78	85	**13 619**	**13 620**	**13 618**

Symmetrical light distribution · **230 V AC**						External power supply unit	Install. housing
Wide beam LED		β	A	B		on/off	
24 790	6.3 W	650 lm	32°	78	85	Included	**13 618**
Very wide beam							
24 791	6.3 W	640 lm	60°	78	85	Included	**13 618**

• New in the range   β = Half beam angle
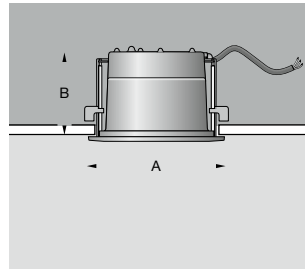
PRIMA recessed ceiling downlights
with symmetrical light distribution

Protection class IP 65 · ⚽ Ballproof
Cast aluminium · Safety glass · Reflector surface made of pure aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

Suitable installation housings for installation in concrete ceilings can be found in the table
as well as matching adapter rings for individual installation diameters with a graphite or white finish.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Symmetrical wide beam light distribution							Install. housing	Adapter rings
	LED		Controllable	β	A	B	🔲	👁
24 898	7.7 W	975 lm	on/off	40°	175	120	13 611	• 13 647
24 899	15.4 W	1900 lm	on/off	44°	175	120	13 611	• 13 647
24 902	13.2 W	1685 lm	on/off	44°	220	145	13 616	• 13 648
24 903	24.5 W	3065 lm	on/off	44°	220	145	13 616	• 13 648
24 906	15.1 W	1900 lm	DALI	44°	175	120	13 611	• 13 647
24 908	23.9 W	3065 lm	DALI	44°	220	145	13 616	• 13 648

Symmetrical very wide beam light distribution							Install. housing	Adapter rings
	LED		Controllable	β	A	B	🔲	👁
24 900	7.7 W	970 lm	on/off	76°	175	120	13 611	• 13 647
24 901	15.4 W	1890 lm	on/off	76°	175	120	13 611	• 13 647
24 904	13.2 W	1700 lm	on/off	76°	220	145	13 616	• 13 648
24 905	24.5 W	3085 lm	on/off	76°	220	145	13 616	• 13 648
24 907	15.1 W	1890 lm	DALI	76°	175	120	13 611	• 13 647
24 909	23.9 W	3085 lm	DALI	76°	220	145	13 616	• 13 648

**Adapter rings
for customised recessed openings**

Adapter rings enable installation of
recessed luminaires in existing recessed
openings – regardless of their size.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Recessed ceiling luminaires
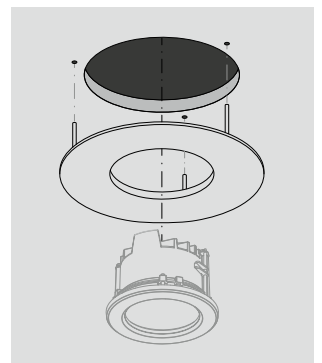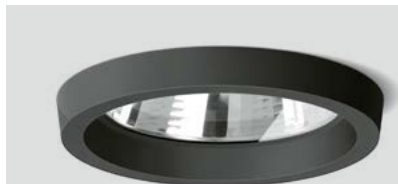
Compact downlights with trim ring made of cast aluminium
with symmetrical, asymmetrical or flat beam light distribution,
with Zoom optics with adjustable light distribution or BEGA BugSaver® technology

Protection class IP 65 · ⚽ Ballproof
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · Optical silicone lens
External DALI controllable power supply units included · BEGA Thermal Management®

For luminaires with zoom optics, half beam angles between 14° and 54° can be set by simply moving the lens unit.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of 3000 K
to light with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber has a colour
temperature of around 1800 K and is considered to be particularly insect-friendly. Our control devices can be used to achieve
additional power reduction, see Page 433.

Luminaire colour · BEGA Unidure®
Graphite – article number
White – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Symmetrical narrow beam light distribution · BEGA Hybrid Optics®								Installation housing
	LED		Controllable	β	A	B		
24 234	7.0 W	795 lm	DALI	16°	110	70		**13 609**
24 235	14.0 W	1465 lm	DALI	16°	110	70		**13 609**
24 236	9.5 W	1105 lm	DALI	20°	145	85		**13 610**
24 237	19.6 W	2050 lm	DALI	20°	145	85		**13 610**
24 238	13.2 W	1555 lm	DALI	14°	175	90		**13 611**
24 239	28.0 W	2890 lm	DALI	14°	175	90		**13 611**
24 240	19.4 W	2420 lm	DALI	18°	220	115		**13 612**
24 241	38.5 W	4490 lm	DALI	18°	220	115		**13 612**
24 761	36.7 W	4810 lm	DALI	20°	260	150		**13 613**
24 666	65.0 W	7910 lm	DALI	20°	260	150		**13 613**

Symmetrical wide beam light distribution · BEGA Hybrid Optics®								Installation housing
	LED		Controllable	β	A	B		
24 242	7.0 W	785 lm	DALI	32°	110	70		**13 609**
24 243	14.0 W	1385 lm	DALI	32°	110	70		**13 609**
24 244	9.5 W	1140 lm	DALI	30°	145	85		**13 610**
24 245	19.6 W	2115 lm	DALI	30°	145	85		**13 610**
24 246	13.2 W	1600 lm	DALI	25°	175	90		**13 611**
24 247	28.0 W	2925 lm	DALI	25°	175	90		**13 611**
24 248	19.4 W	2300 lm	DALI	28°	220	115		**13 612**
24 249	38.5 W	4295 lm	DALI	28°	220	115		**13 612**
24 762	36.7 W	4800 lm	DALI	37°	260	150		**13 613**
24 667	65.0 W	7850 lm	DALI	37°	260	150		**13 613**

| **Symmetrical very wide beam** light distribution · BEGA Hybrid Optics®								Installation housing
	LED		Controllable	β	A	B		
24 250	7.0 W	785 lm	DALI	58°	110	70		**13 609**
24 251	14.0 W	1390 lm	DALI	58°	110	70		**13 609**
24 632	7.0 W	685 lm	DALI	79°	110	70		**13 609**
24 633	14.0 W	1225 lm	DALI	79°	110	70		**13 609**
24 252	9.5 W	1155 lm	DALI	72°	145	85		**13 610**
24 253	19.6 W	2140 lm	DALI	72°	145	85		**13 610**
24 446	9.5 W	965 lm	DALI	83°	145	85		**13 610**
24 447	19.6 W	1835 lm	DALI	83°	145	85		**13 610**
24 254	13.2 W	1575 lm	DALI	60°	175	90		**13 611**
24 255	28.0 W	2875 lm	DALI	60°	175	90		**13 611**
24 448	13.2 W	1360 lm	DALI	84°	175	90		**13 611**
24 449	28.0 W	2515 lm	DALI	84°	175	90		**13 611**
24 256	19.4 W	2180 lm	DALI	56°	220	115		**13 612**
24 257	38.5 W	4025 lm	DALI	56°	220	115		**13 612**
24 634	19.4 W	2070 lm	DALI	80°	220	115		**13 612**
24 635	38.5 W	3890 lm	DALI	80°	220	115		**13 612**
24 763	36.7 W	4770 lm	DALI	50°	260	150		**13 613**
24 668	65.0 W	7860 lm	DALI	50°	260	150		**13 613**
24 764	36.7 W	4395 lm	DALI	76°	260	150		**13 613**
24 669	65.0 W	7190 lm	DALI	76°	260	150		**13 613**

		Asymmetrical light distribution · BEGA Constant Optics®				Installation housing

	LED		Controllable	β	A	B
24 259	10.0 W	705 lm	DALI	51°/57°	110	70
24 261	13.2 W	1090 lm	DALI	63°/64°	145	85
24 263	19.6 W	1620 lm	DALI	70°/67°	175	90
24 265	27.1 W	2585 lm	DALI	67°/65°	220	115
24 670	56.0 W	5650 lm	DALI	66°/65°	260	150

Installation housing

13 609
13 610
13 611
13 612
13 613

Flat beam light distribution · BEGA Hybrid Optics®

Installation housing

	LED		Controllable	β	A	B
24 268	9.5 W	980 lm	DALI	100°/57°	145	85
24 269	19.6 W	1825 lm	DALI	100°/57°	145	85
24 270	13.2 W	1385 lm	DALI	105°/58°	175	90
24 271	28.0 W	2505 lm	DALI	105°/58°	175	90

13 610
13 610
13 611
13 611

Zoom optics with adjustable light distribution
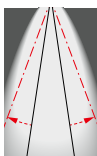
Installation housing

	LED		Controllable	β	A	B
24 699	7.5 W	350–585 lm	DALI	14°–54°	145	85
24 700	15.0 W	610–1020 lm	DALI	14°–54°	145	85
24 701	10.0 W	685–1100 lm	DALI	16°–54°	175	90
24 702	20.5 W	1285–2060 lm	DALI	16°–54°	175	90

13 610
13 610
13 611
13 611

We have developed luminaires with **BEGA BugSaver®** technology for efficient illumination in urban and natural environments. This system allows a switch-over to amber light, which is far less attractive to insects.

bega.com/bugsaver

BugSaver

Symmetrical very wide beam light distribution · Colour temperature can be switched · BEGA Hybrid Optics®

Installation housing

	LED		Controllable	β	A	B
24 746	20.3 W	2055 lm	DALI DT8, TW	56°	220	115

13 612

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

BugSaver®

Compact downlights with a flat trim ring made of cast aluminium
with symmetrical, asymmetrical or flat beam light distribution,
with Zoom optics with adjustable light distribution or BEGA BugSaver® technology

Protection class IP 65 · ✪ Ballproof
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · Optical silicone lens
External DALI controllable power supply units included · BEGA Thermal Management®

For luminaires with zoom optics, half beam angles between 14° and 54° can be set by simply moving the lens unit.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of 3000 K to light with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be particularly insect-friendly. Our control devices can be used to achieve additional power reduction, see Page 433.

Luminaire colour · BEGA Unidure®
Graphite – article number
White – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Symmetrical narrow beam light distribution · BEGA Hybrid Optics®							Installation housing
	LED		Controllable	β	A	B	
24 381	7.0 W	790 lm	DALI	16°	110	70	**13 609**
24 382	14.0 W	1460 lm	DALI	16°	110	70	**13 609**
24 547	9.5 W	1160 lm	DALI	20°	145	85	**13 610**
24 548	19.6 W	2255 lm	DALI	20°	145	85	**13 610**
24 549	13.2 W	1560 lm	DALI	14°	175	90	**13 611**
24 550	28.0 W	2855 lm	DALI	14°	175	90	**13 611**
24 551	19.4 W	2480 lm	DALI	18°	220	115	**13 612**
24 552	38.5 W	4695 lm	DALI	18°	220	115	**13 612**
24 757	36.7 W	4830 lm	DALI	20°	260	150	**13 613**
24 661	65.0 W	7930 lm	DALI	20°	260	150	**13 613**

Symmetrical wide beam light distribution · BEGA Hybrid Optics®							Installation housing
	LED		Controllable	β	A	B	
24 383	7.0 W	780 lm	DALI	32°	110	70	**13 609**
24 384	14.0 W	1380 lm	DALI	32°	110	70	**13 609**
24 553	9.5 W	1150 lm	DALI	30°	145	85	**13 610**
24 554	19.6 W	2225 lm	DALI	30°	145	85	**13 610**
24 555	13.2 W	1560 lm	DALI	25°	175	90	**13 611**
24 556	28.0 W	2845 lm	DALI	25°	175	90	**13 611**
24 557	19.4 W	2420 lm	DALI	28°	220	115	**13 612**
24 558	38.5 W	4560 lm	DALI	28°	220	115	**13 612**
24 758	36.7 W	4840 lm	DALI	37°	260	150	**13 613**
24 662	65.0 W	7905 lm	DALI	37°	260	150	**13 613**

Symmetrical very wide beam light distribution · BEGA Hybrid Optics®							Installation housing
	LED		Controllable	β	A	B	
24 385	7.0 W	785 lm	DALI	58°	110	70	**13 609**
24 386	14.0 W	1385 lm	DALI	58°	110	70	**13 609**
24 628	7.0 W	690 lm	DALI	79°	110	70	**13 609**
24 629	14.0 W	1230 lm	DALI	79°	110	70	**13 609**
24 559	9.5 W	1095 lm	DALI	72°	145	85	**13 610**
24 560	19.6 W	2085 lm	DALI	72°	145	85	**13 610**
24 442	9.5 W	985 lm	DALI	86°	145	85	**13 610**
24 443	19.6 W	1875 lm	DALI	86°	145	85	**13 610**
24 561	13.2 W	1500 lm	DALI	63°	175	90	**13 611**
24 562	28.0 W	2750 lm	DALI	63°	175	90	**13 611**
24 444	13.2 W	1390 lm	DALI	86°	175	90	**13 611**
24 445	28.0 W	2565 lm	DALI	86°	175	90	**13 611**
24 563	19.4 W	2455 lm	DALI	56°	220	115	**13 612**
24 564	38.5 W	4635 lm	DALI	56°	220	115	**13 612**
24 630	19.4 W	2120 lm	DALI	83°	220	115	**13 612**
24 631	38.5 W	3990 lm	DALI	83°	220	115	**13 612**
24 759	36.7 W	4800 lm	DALI	50°	260	150	**13 613**
24 663	65.0 W	7930 lm	DALI	50°	260	150	**13 613**
24 760	36.7 W	4465 lm	DALI	76°	260	150	**13 613**
24 664	65.0 W	7310 lm	DALI	76°	260	150	**13 613**

Asymmetrical light distribution · BEGA Constant Optics®

	LED		Controllable	β	A	B		Installation housing
24 369	10.0 W	720 lm	DALI	51°/57°	110	70		**13 609**
24 565	13.2 W	1210 lm	DALI	63°/64°	145	85		**13 610**
24 566	19.6 W	1900 lm	DALI	70°/67°	175	90		**13 611**
24 567	27.1 W	3005 lm	DALI	67°/65°	220	115		**13 612**
24 665	56.0 W	5885 lm	DALI	66°/65°	260	150		**13 613**

Flat beam light distribution · BEGA Hybrid Optics®

	LED		Controllable	β	A	B		Installation housing
24 387	9.5 W	1055 lm	DALI	100°/57°	145	85		**13 610**
24 136	19.6 W	2000 lm	DALI	100°/57°	145	85		**13 610**
24 388	13.2 W	1385 lm	DALI	105°/58°	175	90		**13 611**
24 143	28.0 W	2600 lm	DALI	105°/58°	175	90		**13 611**

Zoom optics with adjustable light distribution

	LED		Controllable	β	A	B		Installation housing
24 695	7.5 W	350–585 lm	DALI	14°–54°	145	85		**13 610**
24 696	15.0 W	610–1020 lm	DALI	14°–54°	145	85		**13 610**
24 697	10.0 W	685–1100 lm	DALI	16°–54°	175	90		**13 611**
24 698	20.5 W	1285–2060 lm	DALI	16°–54°	175	90		**13 611**

We have developed luminaires with **BEGA BugSaver®** technology for efficient illumination in urban and natural environments. This system allows a switch-over to amber light, which is far less attractive to insects.

bega.com/bugsaver

Symmetrical very wide beam light distribution · Colour temperature can be switched · BEGA Hybrid Optics®

	LED		Controllable	β	A	B		Installation housing
24 747	20.3 W	2090 lm	DALI DT8, TW	56°	220	115		**13 612**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Recessed ceiling luminaires

BugSaver

Compact downlight with a flat trim ring made of stainless steel
with symmetrical, asymmetrical or flat beam light distribution,
with Zoom optics with adjustable light distribution or BEGA BugSaver® technology

Protection class IP65 · ✪ Ballproof
Cast aluminium and stainless steel · Safety glass
Reflector surface made of pure aluminium · Optical silicone lens
External DALI controllable power supply units included · BEGA Thermal Management®

For luminaires with zoom optics, half beam angles between 14° and 54° can be set by simply moving the lens unit.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of 3000 K to light with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be particularly insect-friendly. Our control devices can be used to achieve additional power reduction, see Page 433.

Luminaire colour · BEGA Unidure®

20-year availability guarantee for replacement parts and LED modules

	Symmetrical narrow beam light distribution · BEGA Hybrid Optics®						Installation housing
	LED		Controllable	β	A	B	
24 274	7.0 W	785 lm	DALI	16°	120	70	**13 609**
24 275	14.0 W	1445 lm	DALI	16°	120	70	**13 609**
24 276	9.5 W	1120 lm	DALI	20°	160	85	**13 610**
24 277	19.6 W	2075 lm	DALI	20°	160	85	**13 610**
24 278	13.2 W	1565 lm	DALI	14°	180	90	**13 611**
24 279	28.0 W	2930 lm	DALI	14°	180	90	**13 611**
24 280	19.4 W	2445 lm	DALI	18°	240	115	**13 612**
24 281	38.5 W	4535 lm	DALI	18°	240	115	**13 612**
24 765	36.7 W	4850 lm	DALI	20°	280	150	**13 613**
24 671	65.0 W	7970 lm	DALI	20°	280	150	**13 613**

	Symmetrical wide beam light distribution · BEGA Hybrid Optics®						Installation housing
	LED		Controllable	β	A	B	
24 282	7.0 W	775 lm	DALI	32°	120	70	**13 609**
24 283	14.0 W	1365 lm	DALI	32°	120	70	**13 609**
24 284	9.5 W	1160 lm	DALI	30°	160	85	**13 610**
24 285	19.6 W	2155 lm	DALI	30°	160	85	**13 610**
24 286	13.2 W	1625 lm	DALI	25°	180	90	**13 611**
24 287	28.0 W	2965 lm	DALI	25°	180	90	**13 611**
24 288	19.4 W	2345 lm	DALI	28°	240	115	**13 612**
24 289	38.5 W	4365 lm	DALI	28°	240	115	**13 612**
24 766	36.7 W	4865 lm	DALI	37°	280	150	**13 613**
24 672	65.0 W	7965 lm	DALI	37°	280	150	**13 613**

	Symmetrical very wide beam light distribution · BEGA Hybrid Optics®						Installation housing
	LED		Controllable	β	A	B	
24 290	7.0 W	770 lm	DALI	58°	120	70	**13 609**
24 291	14.0 W	1355 lm	DALI	58°	120	70	**13 609**
24 636	7.0 W	695 lm	DALI	79°	120	70	**13 609**
24 637	14.0 W	1240 lm	DALI	79°	120	70	**13 609**
24 292	9.5 W	1155 lm	DALI	72°	160	85	**13 610**
24 293	19.6 W	2180 lm	DALI	72°	160	85	**13 610**
24 438	9.5 W	1015 lm	DALI	86°	160	85	**13 610**
24 439	19.6 W	1930 lm	DALI	86°	160	85	**13 610**
24 294	13.2 W	1595 lm	DALI	60°	180	90	**13 611**
24 295	28.0 W	2915 lm	DALI	60°	180	90	**13 611**
24 440	13.2 W	1425 lm	DALI	86°	180	90	**13 611**
24 441	28.0 W	2635 lm	DALI	86°	180	90	**13 611**
24 296	19.4 W	2230 lm	DALI	56°	240	115	**13 612**
24 297	38.5 W	4115 lm	DALI	56°	240	115	**13 612**
24 638	19.4 W	2165 lm	DALI	83°	240	115	**13 612**
24 639	38.5 W	4070 lm	DALI	83°	240	115	**13 612**
24 767	36.7 W	4835 lm	DALI	50°	280	150	**13 613**
24 673	65.0 W	7970 lm	DALI	50°	280	150	**13 613**
24 768	36.7 W	4515 lm	DALI	76°	280	150	**13 613**
24 674	65.0 W	7405 lm	DALI	76°	280	150	**13 613**

β = Half beam angle
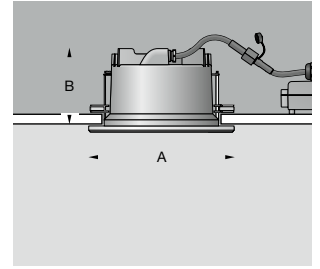
Asymmetrical light distribution · BEGA Constant Optics®							Installation housing
	LED		Controllable	β	A	B	
24 299	10.0 W	710 lm	DALI	51°/57°	120	70	**13 609**
24 322	13.2 W	1175 lm	DALI	63°/64°	160	85	**13 610**
24 324	19.6 W	1750 lm	DALI	70°/67°	180	90	**13 611**
24 326	27.1 W	2825 lm	DALI	67°/65°	240	115	**13 612**
24 675	56.0 W	6045 lm	DALI	66°/65°	280	150	**13 613**

Flat beam light distribution · BEGA Hybrid Optics®							Installation housing
	LED		Controllable	β	A	B	
24 329	9.5 W	1025 lm	DALI	100°/57°	160	85	**13 610**
24 330	19.6 W	1905 lm	DALI	100°/57°	160	85	**13 610**
24 331	13.2 W	1450 lm	DALI	105°/58°	180	90	**13 611**
24 332	28.0 W	2620 lm	DALI	105°/58°	180	90	**13 611**
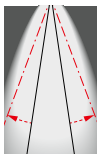
Zoom optics with adjustable light distribution							Installation housing
	LED		Controllable	β	A	B	
24 703	7.5 W	350–585 lm	DALI	14°–54°	160	85	**13 610**
24 704	15.0 W	610–1020 lm	DALI	14°–54°	160	85	**13 610**
24 705	10.0 W	685–1100 lm	DALI	16°–54°	180	90	**13 611**
24 706	20.5 W	1285–2060 lm	DALI	16°–54°	180	90	**13 611**

We have developed luminaires with **BEGA BugSaver®** technology for efficient illumination in urban and natural environments. This system allows a switch-over to amber light, which is far less attractive to insects.

bega.com/bugsaver

Symmetrical very wide beam light distribution · Colour temperature can be switched · BEGA Hybrid Optics®							Installation housing
	LED		Controllable	β	A	B	
24 785	20.3 W	2090 lm	DALI DT8, TW	56°	240	115	**13 612**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Recessed ceiling luminaires
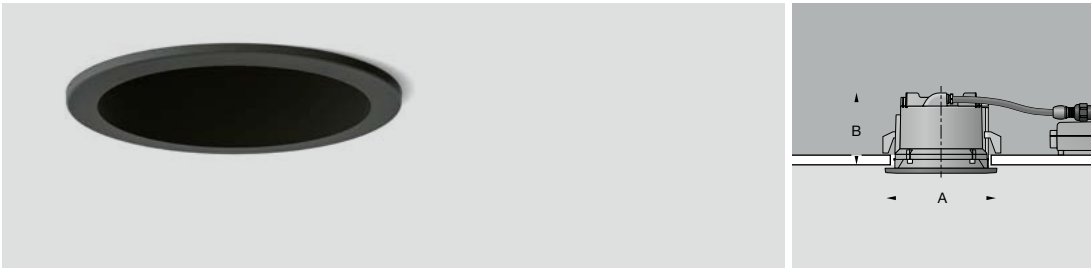
Compact downlights with BEGA Ultradark Optics®
with symmetrically focused wide beam and very wide beam light distribution
and minimal diffuse light percentage

Protection class IP 65
Cast aluminium
Translucent synthetic cover · Polymer lens BEGA NeoGlass® · BEGA Ultradark Optics®
Internal louvres with maximum light-absorbing ultra-black nanocoating
External DALI controllable power supply units included · BEGA Thermal Management®

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Symmetrically focused wide beam light distribution							Installation housing
	LED			Controllable	β	A	B	
24 720	11.8 W	855 lm	DALI	25°	110	120	**13 609**
24 721	16.6 W	1420 lm	DALI	25°	145	140	**13 614**
24 722	21.5 W	1920 lm	DALI	25°	175	150	**13 615**
24 723	34.4 W	3190 lm	DALI	25°	220	180	**13 616**

Symmetrically focused very wide beam light distribution							Installation housing
	LED			Controllable	β	A	B	
24 872	11.8 W	660 lm	DALI	56°	110	85	**13 609**
24 873	16.6 W	1180 lm	DALI	56°	145	95	**13 614**
24 874	21.5 W	1520 lm	DALI	56°	175	100	**13 615**
24 875	34.4 W	2520 lm	DALI	56°	220	125	**13 616**

β = Half beam angle   Installation housing   Diffuser lenses flat beam   Louvres
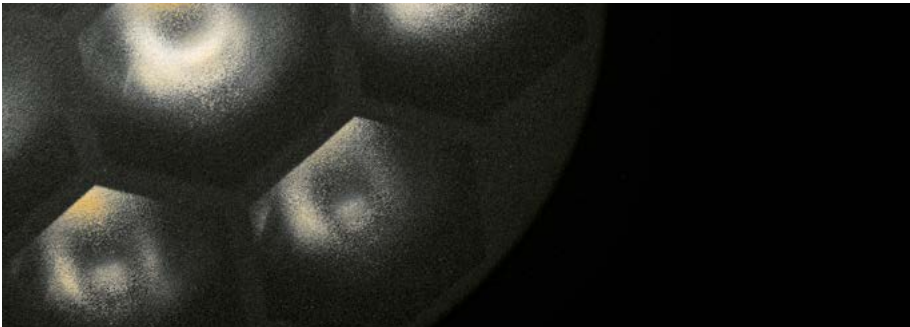
Recessed ceiling downlights with adjustable light distribution
with symmetrically focused wide beam and very wide beam light distribution or RGBW

Protection class IP 65
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · Optical silicone lens · BEGA Hybrid Optics®
24 626 · 24 627 BEGA Constant Optics®
Reflector inclination angle adjustable from 0° to 30°, rotatable through 360°
External power supply units included on/off or DALI controllable
BEGA Thermal Management®

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

The RGBW luminaires of this series can be controlled via a DALI colour light control (DT 8, RGBWAF, xy, TC).
Matching DALI system components can be found on Pages 428 to 433.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
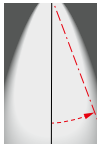White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Symmetrically focused light distribution							Accessories		
Focused	LED		Controllable	β	A	B			
24 530	14.3 W	905 lm	DALI	9°	150	90	**13 610**	**10 014**	Integrated
24 533	25.0 W	1565 lm	DALI	8°	225	120	**13 612**	**10 016**	Integrated
24 541	41.0 W	2415 lm	DALI	10°	265	145	**13 613**	**10 019**	Integrated

Symmetrical wide beam light distribution							Accessories		
			Controllable	β	A	B			
24 626	4.9 W	470 lm	on/off	17°	115	70	**13 609**	**10 013**	—
24 531	13.5 W	1565 lm	DALI	22°	150	90	**13 610**	**10 014**	**71 215**
24 534	23.2 W	2585 lm	DALI	18°	225	120	**13 612**	**10 016**	**71 119**
24 542	39.0 W	4180 lm	DALI	24°	265	145	**13 613**	**10 019**	**71 112**

Symmetrical very wide beam light distribution							Accessories		
			Controllable	β	A	B			
24 627	4.9 W	435 lm	on/off	58°	115	70	**13 609**	**10 013**	—
24 532	13.5 W	1530 lm	DALI	50°	150	90	**13 610**	**10 014**	—
24 535	23.2 W	2550 lm	DALI	46°	225	120	**13 612**	**10 016**	—
24 543	39.0 W	4120 lm	DALI	64°	265	145	**13 613**	**10 019**	—

RGBW · For additive colour mixing · BEGA Constant Optics®							Accessories	
Wide beam	LED		Controllable	β	A	B		
24 607	14.0 W	735 lm	DALI DT 8	27°	150	90	**13 610**	**10 014**
24 608	23.5 W	1300 lm	DALI DT 8	24°	225	120	**13 612**	**10 016**
24 609	38.6 W	2380 lm	DALI DT 8	24°	265	145	**13 613**	**10 019**
Very wide beam								
24 610	14.0 W	715 lm	DALI DT 8	65°	150	90	**13 610**	**10 014**
24 611	23.5 W	1370 lm	DALI DT 8	50°	225	120	**13 612**	**10 016**
24 612	38.6 W	2315 lm	DALI DT 8	50°	265	145	**13 613**	**10 019**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
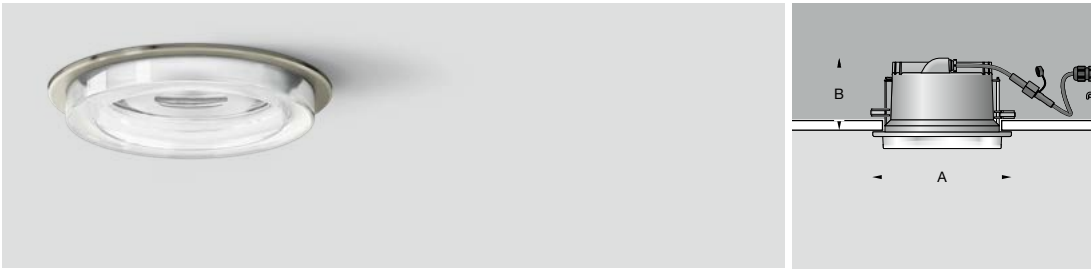
Compact downlights with stainless steel trim ring and crystal glass
with symmetrical very wide beam light distribution

Protection class IP 65
Cast aluminium and stainless steel · Partially frosted crystal glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Silicone diffusing lens
External power supply units included on/off or DALI controllable

The external power supply units are included in the scope of delivery and are connected to the luminaire by means of a convenient plug connector. The electrical connection of the power supply unit can therefore be established before the final installation of the luminaire, if required by the customer.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Symmetrical very wide beam light distribution				β	A	B	Installation housing
	LED		Controllable				
55 941	4.0 W	250 lm	on/off	43°	80	60	**10 407**
24 676	10.6 W	630 lm	DALI	54°	115	70	**13 609**
24 677	15.0 W	850 lm	DALI	43°	155	80	**13 610**
24 678	21.5 W	1395 lm	DALI	43°	185	90	**13 611**

β = Half beam angle
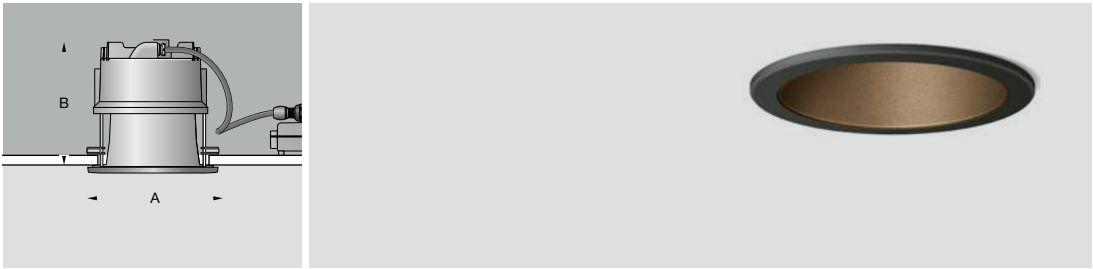
Compact downlights with bronze inner coating
with symmetrical wide beam light distribution

Protection class IP 65
Cast aluminium · Translucent synthetic cover
External on/off power supply unit included

The external power supply units are included in the scope of delivery and are connected to the luminaire by means
of a convenient plug connector. The electrical connection of the power supply unit can therefore be established before
the final installation of the luminaire, if required by the customer.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Colour temperature: 3000 K – article number + **K3**

Trim ring colour · BEGA Unidure® · Graphite
Inside colour · BEGA Unidure® · Bronze

20-year availability guarantee for replacement parts and LED modules

Symmetrical wide beam light distribution							Installation housing
	LED		Controllable	β	A	B	
24 870	14.0 W	360 lm	on/off	43°	110	120	**13 609**
24 871	19.6 W	655 lm	on/off	48°	145	140	**13 614**

Please refer to the technical planning data for planning and installation. The current values for LED
service life, luminous flux, maximum ambient temperature and information about the use of BEGA
Thermal Management® are readily available in the instructions for use and data sheets on our website.

Recessed ceiling luminaires

We have developed these compact recessed ceiling downlights specially for flush installation in unplastered and plastered concrete ceilings. Suitable installation housings are available for any installation situation, including for installation in precast ceilings and in-situ concrete ceilings. Upon completion of the ceiling, the luminaires are inserted into the recessed housing via a bayonet closure.
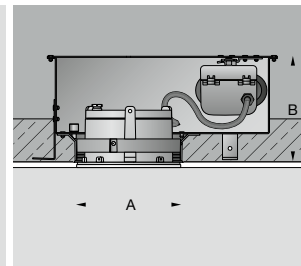
Recessed ceiling downlights
for flush-mounting installation in concrete ceilings
with symmetrical, asymmetrical or flat beam light distribution

Protection class IP 65
Cast aluminium and stainless steel · Safety glass · Reflector surface made of pure aluminium · Optical silicone lens
External DALI controllable power supply units included · BEGA Thermal Management®

The external power supply units are included in the scope of delivery and are connected to the luminaire by means of a convenient plug connector.
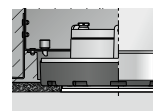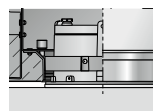The electrical connection of the power supply unit can therefore be established before the final installation of the luminaire, if required by the customer.

Please note: An installation housing is always required for installing the luminaires.
Please order the appropriate installation housing for the installation of the luminaire and power supply unit according to your on-site use.

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Symmetrical light distribution · BEGA Hybrid Optics®

Narrow beam	LED		Controllable	β	A	B	Installation housing For unplastered concrete ceilings	For plastered concrete ceilings
24 482	19.0 W	2255 lm	DALI	20°	135	145	• 13 631	• 13 633
24 485	28.0 W	2855 lm	DALI	14°	155	145	• 13 632	• 13 634
Wide beam								
24 496	19.0 W	2225 lm	DALI	30°	135	145	• 13 631	• 13 633
24 497	28.0 W	2845 lm	DALI	25°	155	145	• 13 632	• 13 634
Very wide beam								
24 498	19.0 W	2085 lm	DALI	72°	135	145	• 13 631	• 13 633
24 510	19.0 W	1875 lm	DALI	86°	135	145	• 13 631	• 13 633
24 484	28.0 W	2750 lm	DALI	63°	155	145	• 13 632	• 13 634
24 487	28.0 W	2565 lm	DALI	86°	155	145	• 13 632	• 13 634

Asymmetrical light distribution · BEGA Constant Optics®

	LED		Controllable	β	A	B	Installation housing For unplastered concrete ceilings	For plastered concrete ceilings
24 512	13.2 W	1210 lm	DALI	63/64°	135	145	• 13 631	• 13 633
24 483	19.0 W	1900 lm	DALI	70/67°	155	145	• 13 632	• 13 634

Flat beam light distribution · BEGA Hybrid Optics®

	LED		Controllable	β	A	B	Installation housing For unplastered concrete ceilings	For plastered concrete ceilings
24 514	19.0 W	2000 lm	DALI	100/57°	135	145	• 13 631	• 13 633
24 486	28.0 W	2600 lm	DALI	105/58°	155	145	• 13 632	• 13 634

Installation housing with **low installation depth**

An installation housing is always required for installing the luminaires. Please order the appropriate installation housing for the installation of the luminaire and power supply unit according to your on-site use.
Various installation housings are available for installation in plastered or unplastered concrete ceilings.
The installation depth is 145 mm in each case.

• New in the range   β = Half beam angle
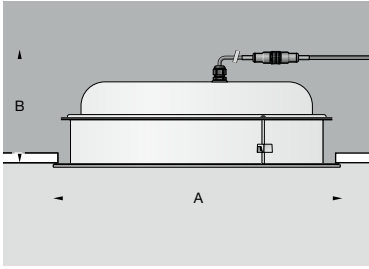
The underneath of this recessed ceiling luminaire is visible through an edgeless safety glass pane.
LEDs are arranged in a ring behind a small conical shield inside the luminaire. They emit 6500 K daylight white light as an indirect light source. In the centre of the luminaire, a downlight with BEGA Hybrid Optics® provides a high luminous flux at 3000 K for the appropriate degree of illuminance on the working plane. The interplay of downward-directed, warm white light and indirect daylight white light creates a unique lighting atmosphere that gives the impression of a sunny sky.

BEGA daylight luminaires with dual lighting technology · Downlight
with fixed colour temperature, RGBW or with variable colour temperature (tunable white)

Protection class IP 65
Aluminium · Safety glass
Reflector surface made of pure aluminium · Optical silicone lens · BEGA Hybrid Optics®
Power supply units individually DALI controllable
BEGA Thermal Management®

Suitable installation housings for installation in concrete ceilings can be found in the table.

The RGBW luminaires of this series can be controlled via a DALI colour light control (DT 8, RGBWAF, xy) and the tunable white luminaires via a DALI colour light control (DT 8, TW).
Suitable DALI system components can be found on Pages 428 to 433.

Colour temperature: 3000 K – article number + **K3**
Colour temperature of tunable white luminaires adjustable from 2700 K to 6500 K

20-year availability guarantee for replacement parts and LED modules

Direct 3000 K · Indirect 6500 K									Installation housing
	LED				Controllable	β	A	B	
24 650	41.0 W	4370 lm	3000 K	Direct	DALI	30°	600	230	**13 601**
	34.2 W	3530 lm	6500 K	Indirect	DALI				

Direct 3000 K · Indirect **RGBW** for additive colour mixing									Installation housing
	LED				Controllable	β	A	B	
24 652	41.0 W	4370 lm	3000 K	Direct	DALI	30°	600	230	**13 601**
	54.0 W	1830 lm	RGBW	Indirect	DALI				

Direct 3000 K · Indirect **Tunable white** 2700–6500 K									Installation housing
	LED				Controllable	β	A	B	
24 651	41.0 W	4370 lm	3000 K	Direct	DALI	30°	600	230	**13 601**
	36.0 W	3190 lm	2700–6500 K	Indirect	DALI				

1. **Direct** downward-directed light source
   BEGA Hybrid Optics®
2. **Indirect** semi-spherical light source · Optionally with fixed colour temperature, RGBW or with variable colour temperature (tunable white)
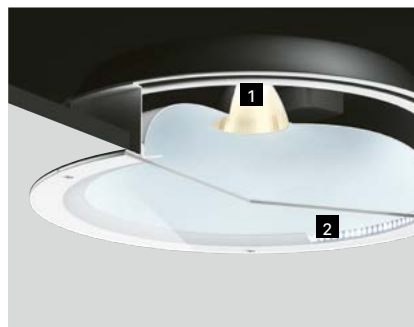
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Recessed ceiling luminaires
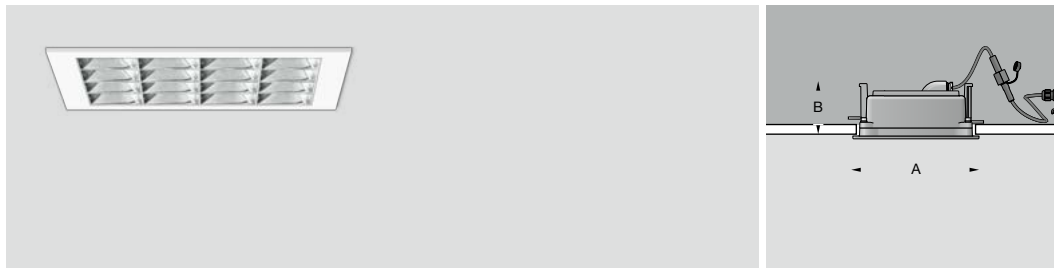
Recessed ceiling downlight with BEGA Vortex Optics®
with symmetrical or asymmetrical light distribution

Protection class IP 65 · ⚽ Ballproof
Cast aluminium · Safety glass
Reflector surface made of pure aluminium
External on/off or DALI controllable power supply units included · BEGA Thermal Management®
BEGA Vortex Optics® (European Patent EP 3098504)

The external power supply units are included in the scope of delivery and are connected to the luminaire by means
of a convenient plug connector.
The electrical connection of the power supply unit can therefore be established before the final installation of the luminaire,
if required by the customer.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
White – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical narrow beam light distribution · BEGA Vortex Optics®							Installation housing
	LED		Controllable	β	A	B	
24 800	4.4 W	410 lm	on/off	24°	120	70	13 500
24 801	10.2 W	760 lm	on/off	27°	120	70	13 500
24 679	20.2 W	1510 lm	DALI	27°	155	70	13 501
24 680	35.6 W	2770 lm	DALI	27°	190	70	13 502
24 681	60.0 W	5205 lm	DALI	20°	275	65	13 578

Symmetrical wide beam light distribution · BEGA Vortex Optics®							Installation housing
	LED		Controllable	β	A	B	
24 804	4.4 W	425 lm	on/off	40°	120	70	13 500
24 805	10.2 W	970 lm	on/off	41°	120	70	13 500
24 682	20.2 W	2250 lm	DALI	41°	155	70	13 501
24 683	35.6 W	4070 lm	DALI	41°	190	70	13 502
24 684	60.0 W	7640 lm	DALI	38°	275	65	13 578

Symmetrical very wide beam light distribution · BEGA Constant Optics®							Installation housing
	LED		Controllable	β	A	B	
24 475	4.4 W	375 lm	on/off	90°	120	70	13 500
24 476	10.2 W	900 lm	on/off	90°	120	70	13 500
24 685	20.2 W	2025 lm	DALI	90°	155	70	13 501
24 686	35.6 W	3890 lm	DALI	90°	190	70	13 502
24 687	60.0 W	6700 lm	DALI	90°	275	65	13 578

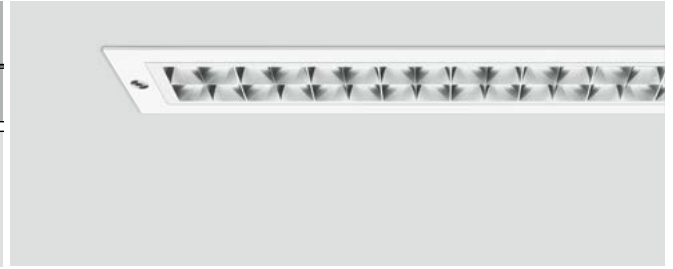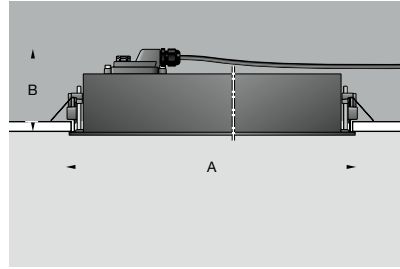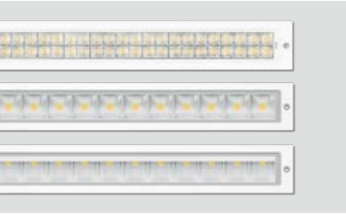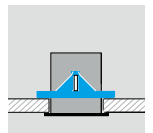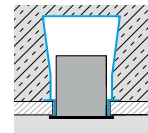| Asymmetrical wide beam light distribution · BEGA Vortex Optics®							Installation housing
	LED		Controllable	β	A	B	
24 812	4.4 W	335 lm	on/off	44/50°	120	70	13 500
24 813	10.2 W	820 lm	on/off	46/52°	120	70	13 500
24 688	20.2 W	1895 lm	DALI	46/52°	155	70	13 501
24 689	35.6 W	2880 lm	DALI	46/52°	190	70	13 502
24 690	60.0 W	6590 lm	DALI	46/52°	275	65	13 578

Recessed ceiling downlight with BEGA Vortex Optics®
with symmetrical or asymmetrical light distribution

Protection class IP 65 · ⚽ Ballproof
Cast aluminium and aluminium · Safety glass
Reflector surface made of pure aluminium
DALI controllable power supply units · BEGA Thermal Management®

Please note: An installation housing or installation frame is always required for installing the luminaires.

Suitable installation housings for installation in concrete ceilings can be found in the table.
We recommend using an installation frame if the luminaires are to be installed in suspended ceilings.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
White – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

							Install. housing	Install. frame
Symmetrical narrow beam light distribution · BEGA Vortex Optics®							Install. housing	Install. frame
	LED		Controllable	β		A	B		
24 300	18.3 W	1580 lm	DALI	34°	550 × 75	105		**13 579**	**13 516**
24 301	35.6 W	3255 lm	DALI	34°	1045 × 75	105		**13 580**	**13 517**
24 302	54.4 W	4790 lm	DALI	34°	1535 × 75	105		**13 581**	**13 518**

							Install. housing	Install. frame
Symmetrical wide beam light distribution · BEGA Vortex Optics®							Install. housing	Install. frame
	LED		Controllable	β		A	B		
24 303	18.3 W	2190 lm	DALI	55°	550 × 75	105		**13 579**	**13 516**
24 304	35.6 W	4380 lm	DALI	55°	1045 × 75	105		**13 580**	**13 517**
24 305	54.4 W	6955 lm	DALI	55°	1535 × 75	105		**13 581**	**13 518**

							Install. housing	Install. frame
Symmetrical very wide beam light distribution · BEGA Constant Optics®							Install. housing	Install. frame
	LED		Controllable	β		A	B		
24 458	18.3 W	1920 lm	DALI	95°	550 × 75	105		**13 579**	**13 516**
24 459	35.6 W	4065 lm	DALI	95°	1045 × 75	105		**13 580**	**13 517**
24 460	54.4 W	6170 lm	DALI	95°	1535 × 75	105		**13 581**	**13 518**

							Install. housing	Install. frame
Asymmetrical light distribution · BEGA Vortex Optics®							Install. housing	Install. frame
	LED		Controllable	β		A	B		
24 306	18.3 W	1980 lm	DALI	42/50°	550 × 75	105		**13 579**	**13 516**
24 307	35.6 W	4025 lm	DALI	42/50°	1045 × 75	105		**13 580**	**13 517**
24 308	54.4 W	6210 lm	DALI	42/50°	1535 × 75	105		**13 581**	**13 518**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Recessed wall luminaires · Overview

BEGA recessed wall luminaires feature a wide range of light distributions and sizes that allow for precise adaptation to a variety of lighting applications. Whether unshielded or shielded light in different light distributions, the right option is available for every application. The varying sizes and shapes offer maximum flexibility and top durability to fulfil both aesthetic and functional requirements equally.

For easy installation and integration in various construction methods, suitable installation housings are available for all luminaires. Furthermore, plaster frames are available for many models, allowing for either surface-mounted or flush installation.

Page	42	43	43
	Recessed wall luminaires **24 V DC made of stainless steel**	Recessed wall luminaires **24 V DC**	Recessed wall luminaires **24 V DC**
PSU	external 24 V DC	external 24 V DC	external 24 V DC
Colour temperature	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K
Luminaire luminous flux	5–285 lm	10–95 lm	10–105 lm
Size	Ø 37 · 50 · 75 mm	Ø 80 mm	□ 80 mm
Light distribution			

Page	48	48	49	50
	Recessed wall luminaires **Unshielded light**	Recessed wall luminaires **Orientation luminaire shielded**	Recessed wall luminaires **Shielded light**	Recessed wall luminaires **Asymmetrical flat beam light distribution**
PSU	on/off · DALI	on/off	on/off · DALI	on/off · DALI
Colour temperature	adjustable to 3000 K or 4000 K	3000 K · 4000 K	adjustable to 3000 K or 4000 K	adjustable to 3000 K or 4000 K
Luminaire luminous flux	155–1715 lm	45–90 lm	295–2145 lm	455–3055 lm
Size	□ 100 · 150 · 190 · 250 mm	□ 150 · 190 mm	□ 150 · 190 · 250 · 300 mm	□ 150 · 190 · 250 · 300 mm
Light distribution				

Page	52	52	53	54
	Recessed luminaires for walls and staircases **Unshielded light**	Recessed luminaires for walls and staircases **Orientation luminaire shielded**	Recessed luminaires for walls and staircases **Shielded light**	Recessed luminaires for walls and staircases **Asymmetrical light distribution**
PSU	on/off · DALI	on/off	on/off · DALI	on/off · DALI
Colour temperature	adjustable to 3000 K or 4000 K	adjustable to 3000 K or 4000 K	adjustable to 3000 K or 4000 K	3000 K · 4000 K
Luminaire luminous flux	180–2035 lm	35–135 lm	340–1795 lm	275–2240 lm
Size	Length: 170–520 mm	Length: 170–520 mm	Length: 170–520 mm	Length: 170–520 mm
Light distribution				

Unshielded · Rotationally symmetrical light distribution · Orientation luminaire Unshielded · Shielded · Orientation luminaire Shielded · Directed light

BEGA recessed wall luminaires also offer a sophisticated solution for the modernisation of existing systems: The geometry of the luminaires has been maintained without changes so that they can be integrated into existing recessed housings without a problem. This facilitates an efficient upgrade to modern, efficient LED technology without requiring structural modifications to existing installations.

Page	46	46	47	47
	Recessed wall luminaires **Unshielded light**	Recessed wall luminaires **Orientation luminaire shielded**	Recessed wall luminaires **Asymmetrical flat beam light distribution**	Recessed wall luminaires **Shielded light**
PSU	on/off · DALI	on/off	on/off · DALI	on/off · DALI
Colour temperature	adjustable to 3000 K or 4000 K	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K
Luminaire luminous flux	150–1180 lm	10–65 lm	610–1530 lm	290 · 565 lm
Size	Ø 130 · 190 · 250 mm	Ø 130 · 190 · 250 mm	Ø 130 · 190 · 250 mm	Ø 130 · 190 mm
Light distribution				

Page	50	51	51
	Recessed wall and ceiling luminaires **Asymmetrical light distribution**	Recessed luminaires for walls and stairs **Unshielded light**	Recessed wall luminaires **Shielded light**
PSU	on/off · DALI	on/off	on/off
Colour temperature	3000 K · 4000 K	adjustable to 3000 K or 4000 K	adjustable to 3000 K or 4000 K
Luminaire luminous flux	310–2095 lm	135 · 335 lm	90–100 lm
Size	□ 150 · 190 · 250 · 300 mm	Length: 220 · 320 mm	Length: 220 mm
Light distribution			

DarkSky

Page	54	55	56	57
	Recessed luminaires for walls and staircases **Asymmetrical flat beam light distribution**	Recessed luminaires for walls and staircases **Asymmetrical flat beam light distribution for spatially deep illumination**	Recessed wall luminaires **24 V DC made of stainless steel**	Recessed wall luminaires **with cover frames made of stainless steel**
PSU	on/off · DALI	on/off · DALI	external 24 V DC	DALI
Colour temperature	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K
Luminaire luminous flux	370–2285 lm	300–1480 lm	2–500 lm	615–3695 lm
Size	Length: 170–520 mm	Length: 170–520 mm	Length: 100 · 200 · 400 · 1000 mm	Length: 645 · 1245 · 1545 mm
Light distribution				

Asymmetrical flat beam   Asymmetrical   RGB   Installation housing   Surface-mounted or flush-mounted plaster frames
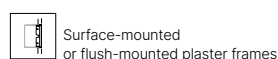
Recessed wall luminaires 24 V DC, made of stainless steel
Orientation luminaires · Floodlights

Protection class IP 68 20 m · Safety class III
Trim ring and luminaire housing made of stainless steel
Safety glass · Installation sleeve made of glass-fibre reinforced synthetic material
Connecting cable · Cable length 3 m
Floodlights: Reflector surface made of pure aluminium · BEGA Constant Optics®

A separate 24 V DC power supply unit is required to operate the luminaires.
You will find suitable power supply units on Page 436.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

On request, the luminaires are available in the light colours green, blue, amber and red.

20-year availability guarantee for replacements

· A ·   · B ·
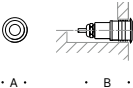
Orientation luminaires						Install. housing
	LED		PSU	A	B	
33 880	0.4 W	5 lm	without	37	65	**10 464**
33 881	0.45 W	5 lm	without	50	80	**10 435**
33 882	1.6 W	55 lm	without	75	75	**10 471**

Floodlights · Symmetrical light distribution						Install. housing
	LED		PSU	A	B	
33 830	0.5 W	30 lm	without	37	65	**10 464**
33 831	1.4 W	135 lm	without	50	80	**10 435**
33 832	4.0 W	270 lm	without	75	75	**10 471**

We have a range of perfectly matched accessories available for the various installation situations.
During the planning phase, please pay attention to the instructions for use for the installation housings available on our website.

Recessed wall luminaires 24 V DC
Unshielded, shielded or directed light

Protection class IP 65 · Safety class III
Cast aluminium · Safety glass

The luminaire 22 101 emits less than 1 % of the light into the upper half-space of the luminaire.

A separate 24 V DC power supply unit is required to operate the luminaires.
You will find suitable power supply units on Page 436.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·

Unshielded light					Install. housing	Plaster frame
	LED		PSU	A B		
22 109	2.3 W	30 lm	without	80 80	**10 415**	**10 015**

· A ·   · B ·

Shielded light					Install. housing	Plaster frame
	LED		PSU	A B		
22 101	2.3 W	10 lm	without	80 80	**10 415**	**10 015**

· A ·   · B · · C·

Directed light					Install. housing	Plaster frame
	LED		PSU	A B C		
22 369	2.7 W	95 lm	without	80 80 20	**10 415**	**10 015**

22 109

DarkSky

22 101

22 369

Recessed wall luminaires 24 V DC
Unshielded, shielded or directed light

Protection class IP 65 · Safety class III
Cast aluminium · Safety glass
22 230 Reflector made of pure anodised aluminium · BEGA Constant Optics®

The luminaire 22 203 emits less than 1 % of the light into the upper half-space of the luminaire.

A separate 24 V DC power supply unit is required to operate the luminaires.
You will find suitable power supply units on Page 436.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·

Unshielded light					Install. housing	Plaster frame
	LED		PSU	A B		
22 202	2.3 W	40 lm	without	80 80	**10 406**	**10 006**

· A ·   · B ·
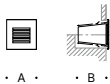
Shielded light					Install. housing	Plaster frame
	LED		PSU	A B		
22 203	2.3 W	10 lm	without	80 80	**10 406**	**10 006**

· A ·   · B ·

Directed light					Install. housing	Plaster frame
	LED		PSU	A B		
22 230	2.7 W	105 lm	without	80 80	**10 406**	**10 006**

22 202

DarkSky

22 203

22 230

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Page 46

Page 46

Page 47

Page 47
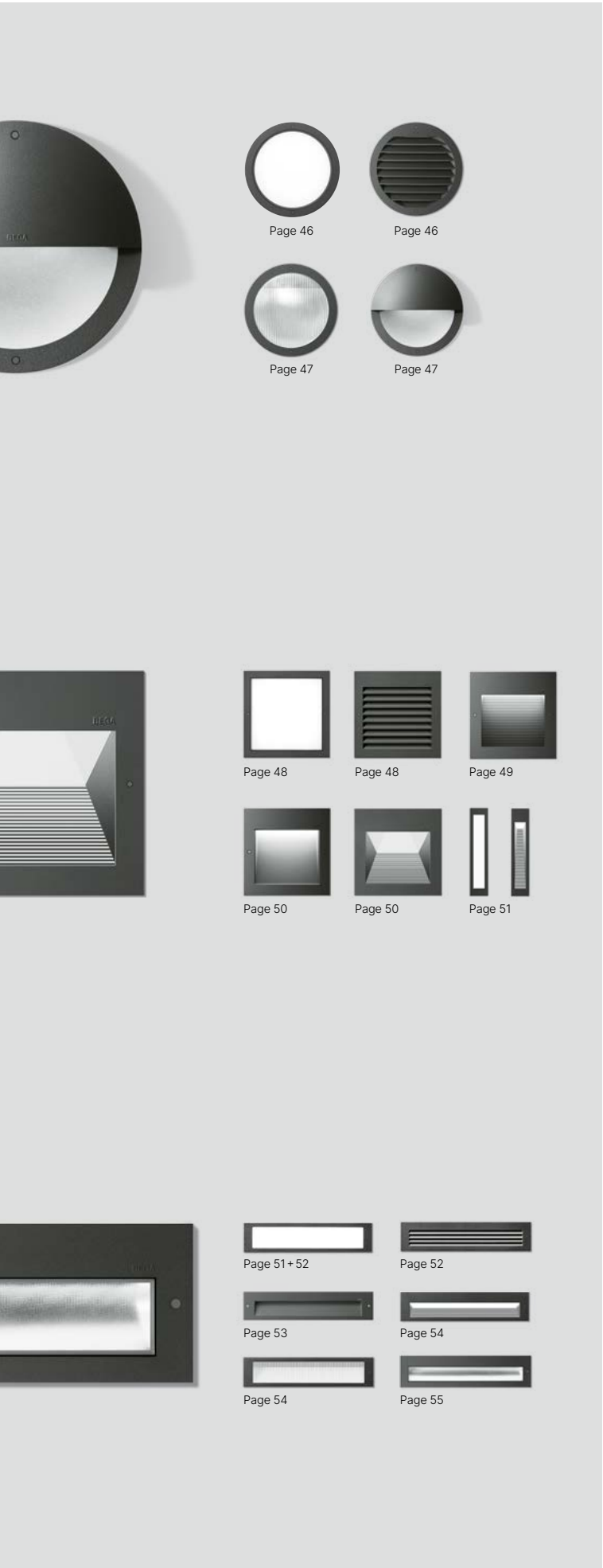
BEGA recessed luminaires
Overview of installation options

For decades, BEGA luminaires with this design have featured as exemplary luminous architectural details on numerous buildings around the world.
They are and have always been characteristic of a whole series of luminaires in our range of products and became models for outdoor luminaires in general.

The current versions of the recessed luminaires on Pages 46 to 55 are designed specifically for our LED technology, have the same installation dimensions as their predecessors – a replacement is therefore possible – and will not require any changes in the existing installation.

All luminaires are characterised by a slim luminaire frame without screws. The extremely low maintenance requirements of our LED technology enables a new product concept with far easier and quicker installation. The electrical connection of all luminaires is done quickly and easily before installation in the structure.

We have a range of perfectly matched accessories available for various installation situations. During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

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Page 55

Cavity wall	Brickwork	Concrete	EWIS

Installation in cavity walls

All recessed luminaires come with the BEGA mounting system and can be **flush-mounted** in cavity walls of all kinds without any need for additional accessories.

Installation in brickwork or concrete

Use the type A installation housing to create the perfect recessed opening for installations in brickwork or concrete. Two plaster frames are available if brickwork or concrete is to be subsequently plastered, both of which allow for various plaster thicknesses.
The type C plaster frame allows the **surface-mounted** installation of the luminaires. With the type D plaster frame, the luminaires are installed **flush**.

Installation in external wall insulation systems (EWIS)

For installation in external wall insulation systems (EWIS), BEGA offers a system solution certified by the Passive House Institute.
The type B installation housing adjusts flexibly to insulation depths between 120 and 200 mm. Depending on the plaster frame, the luminaires (type C) can be **surface** or **flush** (type D) mounted.

Surface-mounted installation

in cavity walls of all kinds
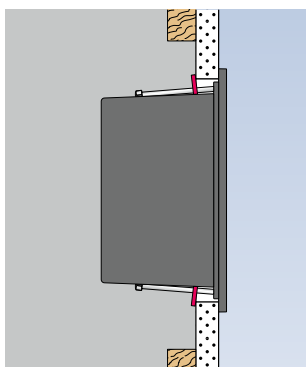
The BEGA mounting system allows fast and convenient installation in lightweight construction walls without any accessories.

in unplastered brickwork
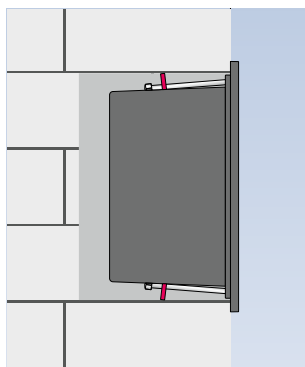
The construction of an recessed opening on site with the exact installation dimensions of the luminaire is required. An installation housing cannot be used.

in unplastered concrete
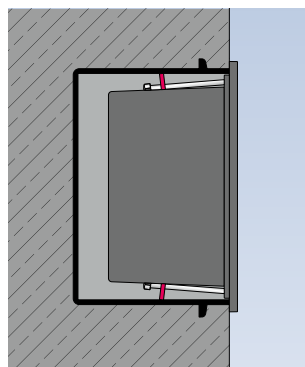
We recommend using the **type A** installation housing for the preparation of the recessed opening in concrete.

in unplastered EWIS façades
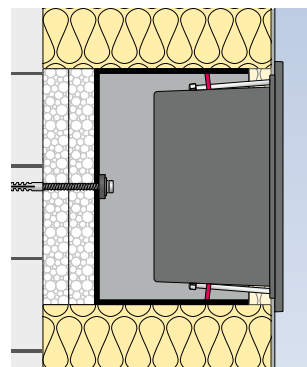
The **type B** installation housing comes with a selection of insulation elements to allow an adjustment to insulation depths between 120 and 200 mm.

Surface-mounted installation
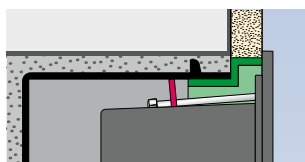
in plastered brickwork

The **type C** plaster frame in conjunction with the **type A** installation housing helps compensate for various plaster thicknesses.

in plastered concrete
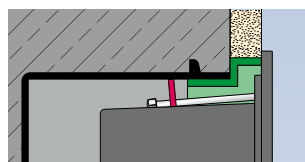
The **type C** plaster frame in conjunction with the **type A** installation housing helps compensate for various plaster thicknesses.

in plastered EWIS façades
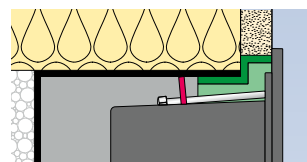
The **type C** plaster frame in conjunction with the **type B** installation housing helps compensate for various plaster thicknesses.

Flush-mounted installation
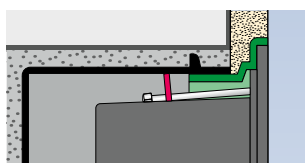
in plastered brickwork

The **type D** plaster frame in conjunction with the **type A** installation housing helps compensate for various plaster thicknesses and allows a flush-mounted installation of the luminaires.

in plastered concrete
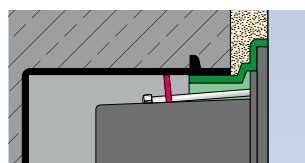
The **type D** plaster frame in conjunction with the **type A** installation housing helps compensate for various plaster thicknesses and allows a flush-mounted installation of the luminaires.

in plastered EWIS façades

The **type D** plaster frame in conjunction with the **type B** installation housing helps compensate for various plaster thicknesses and allows a flush-mounted installation of the luminaires.

Recessed wall luminaires
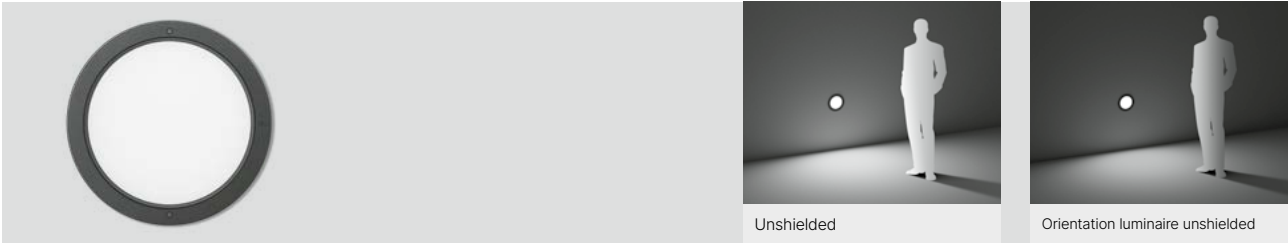
Unshielded

Orientation luminaire unshielded

Recessed wall luminaires
for flush or surface mounting
Unshielded light

Protection class IP 65
Cast aluminium · Safety glass
BEGA Ultimate Driver® · on/off or DALI controllable · BEGA Thermal Management®

Colour temperature adjustable to 3000K or 4000K

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various
installation options on Page 45.

Unshielded light				A	B	Installation housing		Plaster frame	
	LED		Controllable			Type A	Type B	Type C	Type D
24 011	4.9 W	370 lm	on/off	130	100	**10 781**	**13 544**	**10 081**	**13 526**
24 012	9.8 W	795 lm	DALI	190	100	**10 486**	**13 545**	**10 086**	**13 527**
24 013	14.0 W	1145 lm	DALI	250	100	**10 487**	**13 546**	**10 087**	**13 528**

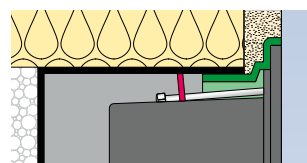| Unshielded light **as orientation luminaires**				A	B	Installation housing		Plaster frame	
	LED		Controllable			Type A	Type B	Type C	Type D
24 016	2.9 W	150 lm	on/off	130	100	**10 781**	**13 544**	**10 081**	**13 526**
24 017	4.9 W	470 lm	on/off	190	100	**10 486**	**13 545**	**10 086**	**13 527**
24 018	6.7 W	610 lm	on/off	250	100	**10 487**	**13 546**	**10 087**	**13 528**

Orientation luminaire shielded

Recessed wall luminaires
for flush or surface mounting
Shielded light

Protection class IP 65
Cast aluminium · Safety glass
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various
installation options on Page 45.

Shielded light **as orientation luminaires**				A	B	Installation housing		Plaster frame	
	LED		Controllable			Type A	Type B	Type C	Type D
24 101	2.9 W	10 lm	on/off	130	100	**10 781**	**13 544**	**10 081**	**13 526**
24 102	4.9 W	40 lm	on/off	190	100	**10 486**	**13 545**	**10 086**	**13 527**
24 103	6.7 W	65 lm	on/off	250	100	**10 487**	**13 546**	**10 087**	**13 528**

We have a range of perfectly matched accessories available for the various
installation situations. During the planning phase, please pay attention to the
instructions for use for the installation housings available on our website.

Asymmetrical flat beam
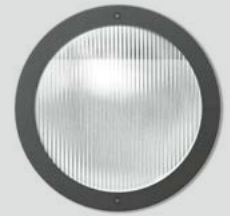
Recessed wall luminaires
for flush or surface mounting
Asymmetrical flat beam light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·

You can find an overview of the various
installation options on Page 45.

Asymmetrical flat beam light distribution					Installation housing		Plaster frame	
	LED		Controllable	A B	Type A	Type B	Type C	Type D
24 110	7.0 W	610 lm	on/off	130 100	**10 781**	**13 544**	**10 081**	**13 526**
24 111	10.5 W	950 lm	DALI	190 100	**10 486**	**13 545**	**10 086**	**13 527**
24 112	19.5 W	1510 lm	DALI	250 100	**10 487**	**13 546**	**10 087**	**13 528**

Shielded

Recessed wall luminaires
for flush or surface mounting
Shielded light

Protection class IP 65
Cast aluminium · Safety glass
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· A ·   · B · C·

You can find an overview of the various
installation options on Page 45.

Shielded light						Installation housing		Plaster frame	
	LED		Controllable	A	B C	Type A	Type B	Type C	Type D
24 151	4.8 W	290 lm	on/off	130	100 20	**10 781**	**13 544**	**10 081**	**13 526**
24 152	9.4 W	550 lm	DALI	190	100 30	**10 486**	**13 545**	**10 086**	**13 527**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Recessed wall luminaires

Unshielded

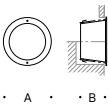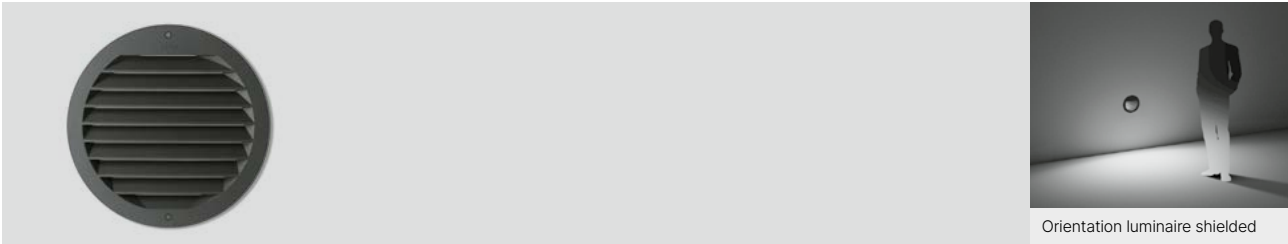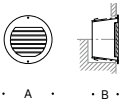

Orientation luminaire unshielded

Recessed wall luminaires
for flush or surface mounting
Unshielded light

Protection class IP 65
Cast aluminium · Safety glass
BEGA Ultimate Driver® · on/off or DALI-controllable · BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

You can find emergency lighting luminaires with a single emergency lighting battery from this series on Page 272 and at bega.com/emergency-lighting

You can find an overview of the various installation options on Page 45.

Unshielded light							Installation housing		Plaster frame	
	LED		Controllable	A	B	C	Type A	Type B	Type C	Type D
24 214	4.9 W	285 lm	on/off	100	100	70	**10 782**	—	**10 082**	**10 071**
24 215	7.5 W	625 lm	DALI	150	150	75	**10 463**	**13 540**	**10 063**	**10 072**
24 216	13.8 W	1245 lm	DALI	190	190	80	**10 489**	**13 541**	**10 089**	**10 073**
24 217	22.0 W	1630 lm	DALI	250	250	105	**10 490**	**13 542**	**10 090**	**13 529**

Unshielded light as orientation luminaires							Installation housing		Plaster frame	
	LED		Controllable	A	B	C	Type A	Type B	Type C	Type D
33 295	2.7 W	155 lm	on/off	100	100	70	**10 782**	—	**10 082**	**10 071**
33 296	3.8 W	320 lm	on/off	150	150	75	**10 463**	**13 540**	**10 063**	**10 072**
33 297	6.7 W	635 lm	on/off	190	190	80	**10 489**	**13 541**	**10 089**	**10 073**
24 200	11.0 W	855 lm	on/off	250	250	105	**10 490**	**13 542**	**10 090**	**13 529**

We have a range of perfectly matched accessories available for the various installation situations. During the planning phase, please pay attention to the instructions for use for the installation housings available on our website.

Orientation luminaire shielded

Recessed wall luminaires
for flush or surface mounting
Shielded light

Protection class IP 65
Cast aluminium · Safety glass
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

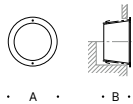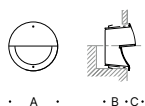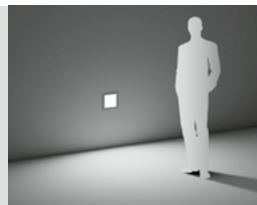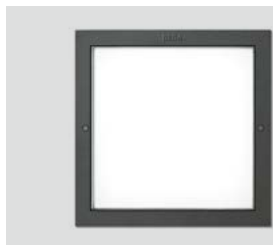You can find an overview of the various installation options on Page 45.

Shielded light as orientation luminaires							Installation housing		Plaster frame	
	LED		Controllable	A	B	C	Type A	Type B	Type C	Type D
24 232	3.9 W	45 lm	on/off	150	150	100	**10 463**	**13 540**	**10 063**	**10 072**
24 233	6.7 W	90 lm	on/off	190	190	100	**10 489**	**13 541**	**10 089**	**10 073**

Shielded

DarkSky

Recessed wall luminaires
for flush or surface mounting
Shielded light

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off or DALI controllable
BEGA Thermal Management®
These luminaires emit less than 1 % of the light into the upper half-space of the luminaires.
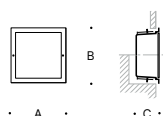
Colour temperature adjustable to 3000K or 4000K

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation options on Page 45.

Shielded light				A	B	C
	LED		Controllable			
24 202	4.0 W	295 lm	on/off	150	150	100
24 203	6.4 W	460 lm	DALI	190	190	100
24 204	13.5 W	1205 lm	DALI	250	250	105
24 573	22.5 W	2040 lm	DALI	300	300	105

Installation housing		Plaster frame	
Type A	Type B	Type C	Type D
10 463	**13 540**	**10 063**	**10 072**
10 489	**13 541**	**10 089**	**10 073**
10 490	**13 542**	**10 090**	**13 529**
10 492	**13 606**	**10 092**	**13 605**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Asymmetrical flat beam

Recessed wall luminaires
for flush or surface mounting
Asymmetrical flat beam light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off or DALI controllable · BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

You can find emergency lighting luminaires with a single emergency lighting battery from this series on Page 272 and at bega.com/emergency-lighting

You can find an overview of the various installation options on Page 45.

Asymmetrical flat beam light distribution								Installation housing		Plaster frame	
	LED		Controllable	A	B	C		Type A	Type B	Type C	Type D
24 206	4.0 W	455 lm	on/off	150	150	100		**10 463**	**13 540**	**10 063**	**10 072**
24 207	6.4 W	670 lm	DALI	190	190	100		**10 489**	**13 541**	**10 089**	**10 073**
24 208	13.5 W	1855 lm	DALI	250	250	105		**10 490**	**13 542**	**10 090**	**13 529**
24 574	22.5 W	2910 lm	DALI	300	300	105		**10 492**	**13 606**	**10 092**	**13 605**

Wall installation

Wall installation

Recessed ceiling installation

Recessed wall and ceiling luminaires
for flush or surface mounting
Asymmetrical light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
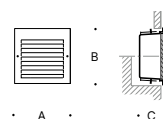on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver   – article number + **A**

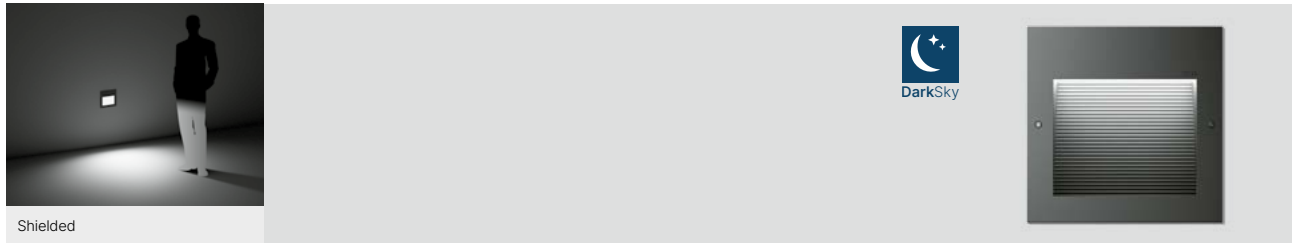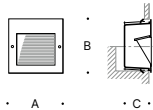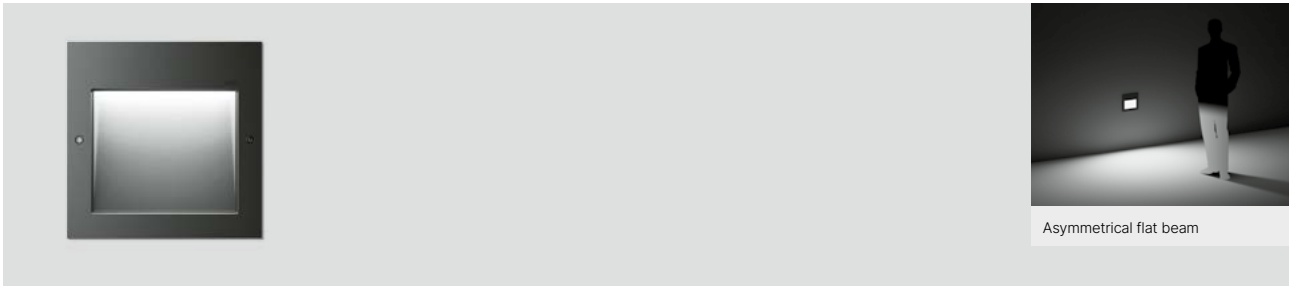20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation options on Page 45.

Asymmetrical light distribution								Installation housing		Plaster frame	
	LED		Controllable	A	B	C		Type A	Type B	Type C	Type D
24 210	4.0 W	310 lm	on/off	150	150	100		**10 463**	**13 540**	**10 063**	**10 072**
24 211	6.5 W	475 lm	DALI	190	190	100		**10 489**	**13 541**	**10 089**	**10 073**
24 212	13.8 W	1165 lm	DALI	250	250	105		**10 490**	**13 542**	**10 090**	**13 529**
24 575	22.7 W	1985 lm	DALI	300	300	105		**10 492**	**13 606**	**10 092**	**13 605**

We have a range of perfectly matched accessories available for the various installation situations. During the planning phase, please pay attention to the instructions for use for the installation housings available on our website.

Unshielded

Recessed luminaires for walls and stairs
for flush or surface mounting
Unshielded light

Protection class IP 65
Cast aluminium · Safety glass
BEGA Ultimate Driver® · on/off

The luminaires can be installed both vertically and horizontally. Besides their use in walls,
they are also suitable for installation in staircase risers both indoors and out.

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules
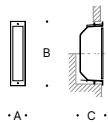
You can find an overview of the various
installation options on Page 45.

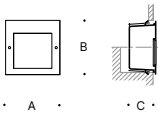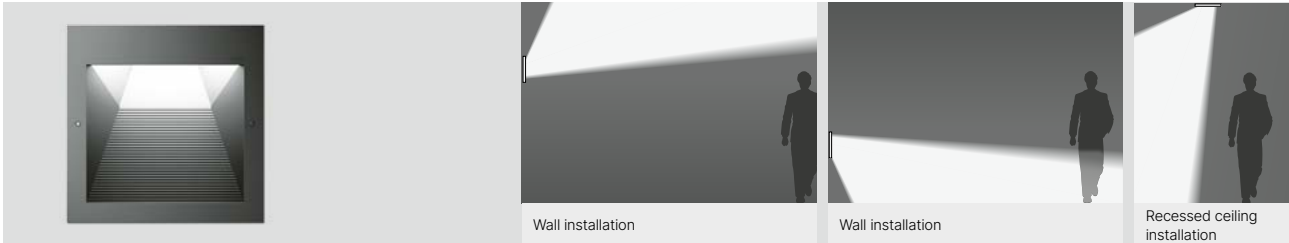| **Unshielded** light							Installation housing		Plaster frame	
	LED		Controllable	A	B	C	Type A	Type B	Type C	Type D
33 096	3.9 W	135 lm	on/off	50	220	75	**10 454**	**13 570**	**10 054**	**10 074**
33 097	5.8 W	325 lm	on/off	50	320	75	**10 455**	**13 571**	**10 059**	**10 079**

DarkSky

Shielded

Recessed wall luminaire
for flush or surface mounting
Shielded light

Protection class IP 65
Cast aluminium · Safety glass
BEGA Ultimate Driver® · on/off
This luminaire emits less than 1 % of the light into the upper half-space of the luminaire.

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules
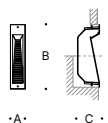
You can find an overview of the various
installation options on Page 45.

Shielded light							Installation housing		Plaster frame	
	LED		Controllable	A	B	C	Type A	Type B	Type C	Type D
33 108	2.7 W	95 lm	on/off	50	220	75	**10 454**	**13 570**	**10 054**	**10 074**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Recessed luminaires for walls and staircases

Unshielded

Orientation luminaire unshielded

Recessed luminaires for walls and staircases
for flush or surface mounting
Unshielded light

Protection class IP 65
Cast aluminium · Safety glass
BEGA Ultimate Driver® · on/off or DALI controllable · BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

You can find emergency lighting luminaires with a single
emergency lighting battery from this series on Page 273
and at bega.com/emergency-lighting

You can find an overview of the various
installation options on Page 45.

Unshielded light								Installation housing		Plaster frame	
	LED		Controllable	A	B	C		Type A	Type B	Type C	Type D
33 109	4.8 W	355 lm	on/off	170	70	70		**10 424**	**13 519**	**10 024**	**13 503**
33 165	6.8 W	555 lm	on/off	260	70	70		**10 425**	**13 520**	**10 025**	**13 504**
33 168	8.8 W	880 lm	on/off	320	70	70		**10 426**	**13 521**	**10 026**	**13 505**
33 155	14.0 W	1145 lm	DALI	330	125	90		**10 436**	**13 522**	**10 036**	**13 506**
33 157	18.0 W	1580 lm	DALI	420	125	90		**10 437**	**13 523**	**10 037**	**13 507**
33 159	22.5 W	2005 lm	DALI	520	125	90		**10 438**	**13 524**	**10 038**	**13 508**

Unshielded light as **orientation luminaires**								Installation housing		Plaster frame	
	LED		Controllable	A	B	C		Type A	Type B	Type C	Type D
33 107	2.7 W	180 lm	on/off	170	70	70		**10 424**	**13 519**	**10 024**	**13 503**
33 163	3.8 W	255 lm	on/off	260	70	70		**10 425**	**13 520**	**10 025**	**13 504**
33 166	4.8 W	410 lm	on/off	320	70	70		**10 426**	**13 521**	**10 026**	**13 505**
33 154	6.8 W	600 lm	on/off	330	125	90		**10 436**	**13 522**	**10 036**	**13 506**
33 156	8.8 W	830 lm	on/off	420	125	90		**10 437**	**13 523**	**10 037**	**13 507**
33 158	10.9 W	1070 lm	on/off	520	125	90		**10 438**	**13 524**	**10 038**	**13 508**

Shielded

Recessed luminaires for walls and staircases
for flush or surface mounting
Shielded light

Protection class IP 65
Cast aluminium · Safety glass
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
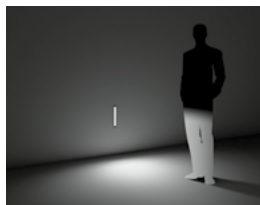Graphite – article number
Silver   – article number + **A**

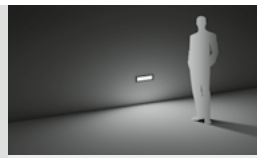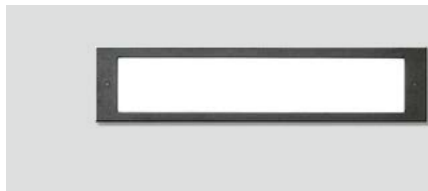20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various
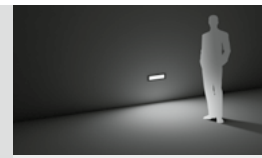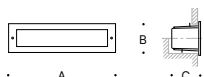installation options on Page 45.

Shielded light as **orientation luminaires**								Installation housing		Plaster frame	
	LED		Controllable	A	B	C		Type A	Type B	Type C	Type D
33 017	2.7 W	35 lm	on/off	170	70	70		**10 424**	**13 519**	**10 024**	**13 503**
33 018	3.8 W	45 lm	on/off	260	70	70		**10 425**	**13 520**	**10 025**	**13 504**
33 019	4.8 W	50 lm	on/off	320	70	70		**10 426**	**13 521**	**10 026**	**13 505**
33 050	6.8 W	45 lm	on/off	330	125	90		**10 436**	**13 522**	**10 036**	**13 506**
33 051	8.8 W	110 lm	on/off	420	125	90		**10 437**	**13 523**	**10 037**	**13 507**
33 052	10.9 W	130 lm	on/off	520	125	90		**10 438**	**13 524**	**10 038**	**13 508**

We have a range of perfectly matched accessories available for the various
installation situations. During the planning phase, please pay attention to the
instructions for use for the installation housings available on our website.

Shielded

DarkSky

Recessed luminaires for walls and staircases
for flush or surface mounting
Shielded light

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver ® · on/off or DALI controllable power supply units · BEGA Thermal Management®
These luminaires emit less than 1 % of the light into the upper half-space of the luminaires.

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Tricoat®
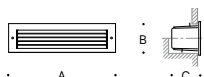Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· 330 ·　· 420 ·　· 520 ·　125

· 170 ·　· 260 ·　· 320 ·　70

You can find an overview of the various
installation options on Page 45.

Shielded light

	LED		Controllable	A	B	C
24 879	5.0 W	340 lm	on/off	170	70	70
24 880	7.0 W	465 lm	on/off	260	70	70
24 881	9.1 W	595 lm	on/off	320	70	70
24 882	14.0 W	1160 lm	DALI	330	125	90
24 883	18.0 W	1500 lm	DALI	420	125	90
24 884	22.5 W	1770 lm	DALI	520	125	90

Installation housing

Type A	Type B
10 424	**13 519**
10 425	**13 520**
10 426	**13 521**
10 436	**13 522**
10 437	**13 523**
10 438	**13 524**

Plaster frame

Type C	Type D
10 024	**13 503**
10 025	**13 504**
10 026	**13 505**
10 036	**13 506**
10 037	**13 507**
10 038	**13 508**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Recessed luminaires for walls and staircases

Asymmetrical

Recessed luminaires for walls and staircases
for flush or surface-mounted installation
Asymmetrical light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

You can find emergency lighting luminaires with a single
emergency lighting battery from this series on Page 273
and at bega.com/emergency-lighting

You can find an overview of the various
installation options on Page 45.

Asymmetrical light distribution							Installation housing		Plaster frame	
	LED		Controllable	A	B	C	Type A	Type B	Type C	Type D
33 053	5.1 W	275 lm	on/off	170	70	70	**10 424**	**13 519**	**10 024**	**13 503**
33 054	7.0 W	430 lm	on/off	260	70	70	**10 425**	**13 520**	**10 025**	**13 504**
33 055	9.0 W	560 lm	on/off	320	70	70	**10 426**	**13 521**	**10 026**	**13 505**
33 058	15.0 W	1320 lm	DALI	330	125	90	**10 436**	**13 522**	**10 036**	**13 506**
33 059	19.0 W	1755 lm	DALI	420	125	90	**10 437**	**13 523**	**10 037**	**13 507**
33 060	22.6 W	2205 lm	DALI	520	125	90	**10 438**	**13 524**	**10 038**	**13 508**

Asymmetrical flat beam

Recessed luminaires for walls and staircases
for flush or surface-mounted installation
Asymmetrical flat beam light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver   – article number + **A**
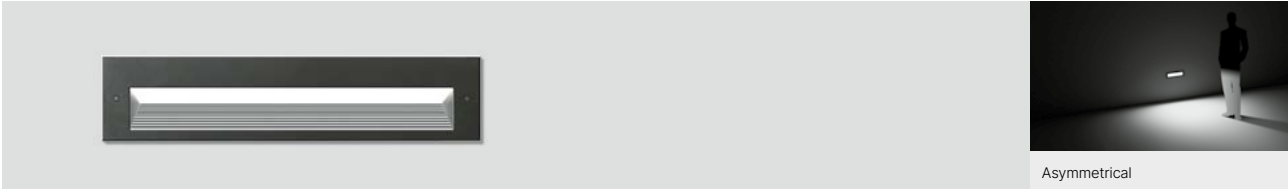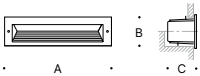
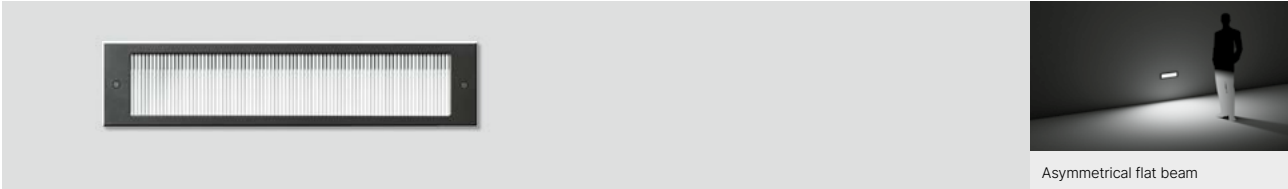20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various
installation options on Page 45.

Asymmetrical flat beam light distribution							Installation housing		Plaster frame	
	LED		Controllable	A	B	C	Type A	Type B	Type C	Type D
33 023	5.1 W	370 lm	on/off	170	70	70	**10 424**	**13 519**	**10 024**	**13 503**
33 046	7.2 W	535 lm	on/off	260	70	70	**10 425**	**13 520**	**10 025**	**13 504**
33 049	9.0 W	700 lm	on/off	320	70	70	**10 426**	**13 521**	**10 026**	**13 505**
33 062	15.0 W	1330 lm	DALI	330	125	90	**10 436**	**13 522**	**10 036**	**13 506**
33 067	19.0 W	1715 lm	DALI	420	125	90	**10 437**	**13 523**	**10 037**	**13 507**
33 098	22.6 W	2255 lm	DALI	520	125	90	**10 438**	**13 524**	**10 038**	**13 508**

We have a range of perfectly matched accessories available for the various
installation situations. During the planning phase, please pay attention to the
instructions for use for the installation housings available on our website.

for spatially deep illumination

Recessed luminaires for walls and staircases
for flush or surface-mounted installation
Asymmetrical flat beam light distribution for spatially deep illumination

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

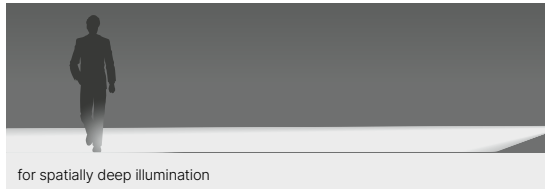20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various
installation options on Page 45.

Asymmetrical flat beam light distribution for spatially deep illumination							
	LED		Controllable	A	B	C	
24 063	6.1 W	300 lm	on/off	170	70	70	
24 064	8.2 W	475 lm	on/off	260	70	70	
24 065	10.7 W	555 lm	on/off	320	70	70	
24 060	14.5 W	845 lm	DALI	330	125	90	
24 061	21.3 W	1165 lm	DALI	420	125	90	
24 062	24.0 W	1460 lm	DALI	520	125	90	

Installation housing		Plaster frame	
Type A	Type B	Type C	Type D
10 424	**13 519**	**10 024**	**13 503**
10 425	**13 520**	**10 025**	**13 504**
10 426	**13 521**	**10 026**	**13 505**
10 436	**13 522**	**10 036**	**13 506**
10 437	**13 523**	**10 037**	**13 507**
10 438	**13 524**	**10 038**	**13 508**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Recessed wall luminaires 24 V DC, made of stainless steel
Unshielded luminaires, luminaires with asymmetrical light distribution
or RGB recessed luminaires for additive colour mixing

Protection class IP 67 · Safety class III
Housing and cover frame made of stainless steel · Safety glass · Connecting cable

A separate 24 V DC power supply unit is required to operate the luminaires.
You will find suitable power supply units on Page 436.

Operating the RGB recessed luminaires requires a colour light control unit.
DALI system components can be found on Pages 428 to 433.

Depending on the size, the luminaires can be used in walls
as well as in staircase risers, indoors and outdoors.

A variety of perfectly matched accessories are available for the various installation situations.
During the planning phase, please pay attention to the instructions for use for the installation housings
available on our website.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

On request, we can also supply these luminaires in the light colours green, blue, amber or red.

20-year availability guarantee for replacement parts and LED modules

1000

100   200   400
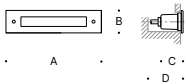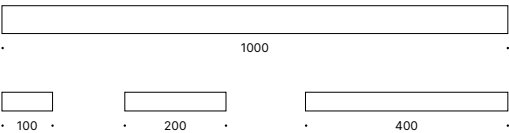
Unshielded

Unshielded light								Install. housing
	LED		PSU	A	B	C	D	
33 287	2.2 W	35 lm	without	200	37	45	60	**10 634**
33 288	3.6 W	125 lm	without	400	37	45	60	**10 639**
33 289	10.5 W	210 lm	without	1000	55	45	60	**10 795**

Location luminaire unshielded

Unshielded light as orientation luminaires								Install. housing
	LED		PSU	A	B	C	D	
33 280	0.6 W	2 lm	without	100	37	45	60	**10 633**
33 281	0.4 W	4 lm	without	200	37	45	60	**10 634**
33 282	0.7 W	20 lm	without	400	37	45	60	**10 639**
33 283	2.0 W	55 lm	without	1000	55	45	60	**10 795**

Asymmetrical

Asymmetrical light distribution								Install. housing
	LED		PSU	A	B	C	D	
33 285	3.6 W	170 lm	without	400	55	45	60	**10 561**
33 286	10.5 W	495 lm	without	1000	55	45	60	**10 795**

RGB recessed luminaires for additive colour mixing								Install. housing
	LED		PSU	A	B	C	D	
33 291	4.1 W	45 lm	without	200	37	45	60	**10 634**
33 292	10.2 W	115 lm	without	400	37	45	60	**10 639**
33 293	25.0 W	265 lm	without	1000	55	45	60	**10 795**

Recessed wall luminaires with cover frames made of stainless steel
for surface-mounted installation
Unshielded light or asymmetrical light distribution

Protection class IP 65
Cover frame made of stainless steel · Luminaire housing and installation housing made of aluminium
Safety glass · Reflector made of pure anodised aluminium · BEGA Constant Optics®

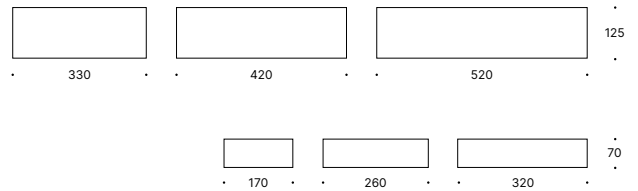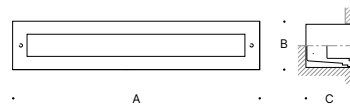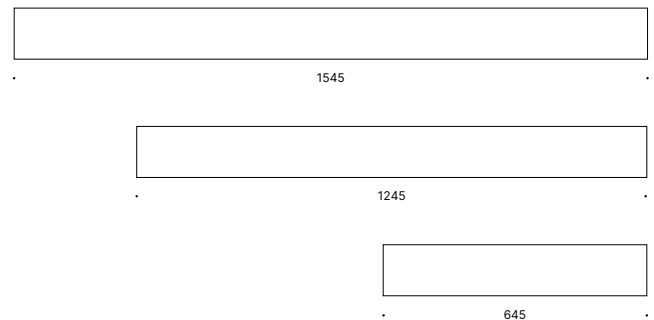DALI controllable power supply units · BEGA Thermal Management®
The luminaires come with an installation housing for solid or hollow structures.
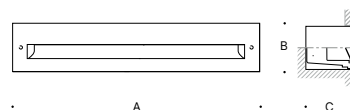
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

· 1545 ·

· 1245 ·

· 645 ·

Unshielded

Unshielded light							Install. housing
	LED		Controllable	A	B	C	
24 104	12.0 W	615 lm	DALI	645	125	125	Included
24 105	25.8 W	1375 lm	DALI	1245	125	125	Included
24 106	36.4 W	1830 lm	DALI	1545	125	125	Included

Asymmetrical

Asymmetrical light distribution							Install. housing
	LED		Controllable	A	B	C	
24 107	15.9 W	1285 lm	DALI	645	125	125	Included
24 108	30.8 W	2535 lm	DALI	1245	125	125	Included
24 109	44.6 W	3595 lm	DALI	1545	125	125	Included

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

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BugSaver®

Ceiling luminaires · Downlights
Symmetrical, asymmetrical and flat beam light distribution
Zoom optics with adjustable light distribution, BEGA Ultradark Optics® or BEGA BugSaver® technology

Protection class IP 65

Luminaires with Ø 225 mm are ballproof ⊕
On request, we also deliver all other luminaires (with the exception of downlights with BEGA Ultradark Optics®)
at the same price in a ballproof version.

Cast aluminium · Safety glass · Reflector surface made of pure aluminium · Optical silicone lens
Luminaires with BEGA Ultradark Optics®:
Internal louvres with ultra-black coating for maximum light absorption · Polymer lens BEGA NeoGlass®

on/off or DALI controllable power supply units · BEGA Thermal Management®

For luminaires with zoom optics, half beam angles between 13° and 53° can be set by simply moving the lens unit.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of
3000 K to light with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber
has a colour temperature of around 1800 K and is considered to be particularly insect-friendly.
Our control devices can be used to achieve additional power reduction, see Page 433.

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for surface-
routed wiring of luminaires, which can be ordered separately in the colours graphite and white.

Luminaire colour · BEGA Unidure®
Graphite – article number
White – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Symmetrical narrow beam light distribution · BEGA Hybrid Optics®								Surface mounting frame
	LED		Controllable	β	A	B		
24 399	9.2 W	915 lm	on/off	17°	100	115		–
24 400	9.1 W	1175 lm	DALI	20°	130	135		–
24 401	19.3 W	2210 lm	DALI	20°	130	135		–
24 402	13.2 W	1555 lm	DALI	14°	150	150		• 13 643
24 422	27.0 W	2860 lm	DALI	14°	150	150		• 13 643
24 423	19.2 W	2485 lm	DALI	18°	190	190		• 13 644
24 424	39.7 W	4635 lm	DALI	18°	190	190		• 13 644
24 753	38.2 W	4860 lm	DALI	20°	225	190		• 13 645
24 656	76.0 W	9090 lm	DALI	20°	225	190		• 13 645

Symmetrical wide beam light distribution · BEGA Hybrid Optics®								Surface mounting frame
	LED		Controllable	β	A	B		
24 404	9.1 W	915 lm	on/off	31°	100	115		–
24 405	9.5 W	1190 lm	DALI	39°	130	135		–
24 406	19.3 W	2220 lm	DALI	39°	130	135		–
24 407	13.2 W	1550 lm	DALI	32°	150	150		• 13 643
24 419	27.0 W	2825 lm	DALI	32°	150	150		• 13 643
24 420	19.2 W	2450 lm	DALI	34°	190	190		• 13 644
24 421	39.7 W	4580 lm	DALI	34°	190	190		• 13 644
24 754	38.2 W	4925 lm	DALI	36°	225	190		• 13 645
24 657	76.0 W	9120 lm	DALI	36°	225	190		• 13 645

Symmetrical very wide beam light distribution · BEGA Hybrid Optics®								Surface mounting frame
	LED		Controllable	β	A	B		
24 409	9.2 W	900 lm	on/off	54°	100	115		–
24 623	9.2 W	890 lm	on/off	78°	100	115		–
24 410	9.1 W	1190 lm	DALI	72°	130	135		–
24 411	19.3 W	2230 lm	DALI	72°	130	135		–
24 526	9.1 W	1080 lm	DALI	90°	130	135		–
24 527	19.3 W	2035 lm	DALI	90°	130	135		–
24 412	13.2 W	1555 lm	DALI	62°	150	150		• 13 643
24 416	27.0 W	2835 lm	DALI	62°	150	150		• 13 643
24 528	13.2 W	1395 lm	DALI	90°	150	150		• 13 643
24 529	27.0 W	2620 lm	DALI	90°	150	150		• 13 643
24 417	19.2 W	2420 lm	DALI	59°	190	190		• 13 644
24 418	39.7 W	4520 lm	DALI	59°	190	190		• 13 644
24 624	19.2 W	2205 lm	DALI	86°	190	190		• 13 644
24 625	39.7 W	4035 lm	DALI	86°	190	190		• 13 644
24 755	38.2 W	4890 lm	DALI	50°	225	190		• 13 645
24 658	76.0 W	9190 lm	DALI	50°	225	190		• 13 645
24 756	38.2 W	4640 lm	DALI	78°	225	190		• 13 645
24 659	76.0 W	8600 lm	DALI	78°	225	190		• 13 645
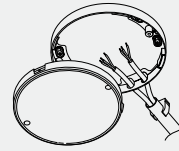
Surface mounting frame

BEGA mounting frames enable surface-mounted cabling for ceiling or wall luminaires.

BugSaver

We have developed luminaires with **BEGA BugSaver®** technology for efficient illumination in urban and natural environments.
This system allows a switch-over to amber light, which is far less attractive to insects.

bega.com/bugsaver

Asymmetrical light distribution · BEGA Constant Optics®

	LED		Controllable	β	A	B	Surface mounting frame
24 425	9.2 W	715 lm	on/off	51/59°	100	115	–
24 426	13.2 W	1315 lm	DALI	63/64°	130	135	–
24 427	19.3 W	1930 lm	DALI	70/67°	150	150	• **13 643**
24 428	27.5 W	3030 lm	DALI	67/65°	190	190	• **13 644**
24 660	56.0 W	5975 lm	DALI	67/65°	225	190	• **13 645**

Flat beam light distribution · BEGA Hybrid Optics®

	LED		Controllable	β	A	B	Surface mounting frame
24 429	9.1 W	1105 lm	DALI	100/57°	130	135	–
24 430	19.3 W	2070 lm	DALI	100/57°	130	135	–
24 431	13.2 W	1330 lm	DALI	105/58°	150	150	• **13 643**
24 432	27.0 W	2410 lm	DALI	105/58°	150	150	• **13 643**

Zoom optics with adjustable light distribution
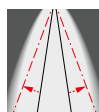
	LED		Controllable	β	A	B	Surface mounting frame
24 708	14.5 W	605–945 lm	DALI	13°–50°	130	135	–
24 710	20.5 W	1285–1980 lm	DALI	16°–53°	150	150	• **13 643**
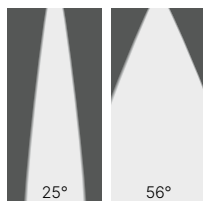
Symmetrically focused wide beam and **very wide beam** light distribution · BEGA Ultradark Optics®

	LED		Controllable	β	A	B	Surface mounting frame
24 750	17.0 W	1570 lm	DALI	25°	130	135	–
24 876	17.0 W	1260 lm	DALI	56°	130	135	–
24 751	26.0 W	2400 lm	DALI	25°	150	150	• **13 643**
24 877	26.0 W	1775 lm	DALI	56°	150	150	• **13 643**
24 752	44.0 W	4185 lm	DALI	25°	190	190	• **13 644**
24 878	44.0 W	3050 lm	DALI	56°	190	190	• **13 644**

25° 56°

BugSaver

Symm. wide beam light distribution · BEGA BugSaver® · Colour temperature can be switched to amber

	LED		Controllable	β	A	B	Surface mounting frame
24 745	24.0 W	2515 lm	DALI DT8, TW	60°	190	190	• **13 644**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

PRIMA
Ceiling luminaires · Downlights
Symmetrical light distribution

Protection class IP65 · ⚽ Ballproof
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Symmetrical wide beam light distribution

	LED		Controllable	β	A	B
24 921	7.7 W	1010 lm	on/off	40°	150	125
24 922	15.4 W	2000 lm	on/off	44°	150	125
24 925	13.2 W	1720 lm	on/off	44°	190	155
24 926	24.5 W	3170 lm	on/off	44°	190	155
24 929	15.1 W	2000 lm	DALI	44°	150	125
24 931	23.9 W	3170 lm	DALI	44°	190	155
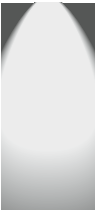
Symmetrical very wide beam light distribution

	LED		Controllable	β	A	B
24 923	7.7 W	990 lm	on/off	76°	150	125
24 924	15.4 W	1955 lm	on/off	76°	150	125
24 927	13,2 W	1715 lm	on/off	76°	190	155
24 928	24.5 W	3215 lm	on/off	76°	190	155
24 930	15.1 W	1955 lm	DALI	76°	150	125
24 932	23.9 W	3215 lm	DALI	76°	190	155

β = Half beam angle

Ceiling luminaires · Downlights
Symmetrical wide beam or very wide beam light distribution

Protection class IP 65 · Safety class III
Cast aluminium · Polymer lens BEGA NeoGlass® · BEGA Ultimate Driver®
An external power supply unit 48 V DC is required to operate the luminaires.
Up to 16 luminaires can be operated per power supply unit.
For more information on 48 V DC power supply units, see Page 436.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
White – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Symmetrical wide beam light distribution					
	LED		PSU	β	A	B
24 792	5.9 W	625 lm	without*	30°	60	90

Symmetrical very wide beam light distribution					
	LED		PSU	β	A	B
24 793	5.9 W	625 lm	without*	58°	60	90

*Safety class III · Suitable 48 V DC power supply units can be found on Page 436
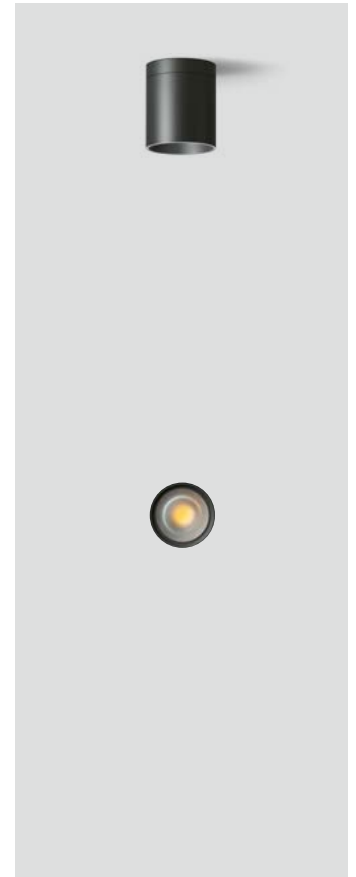
Ceiling luminaires · Downlights
Wide beam light distribution
with additional vertical light component

works with
BEGA Smart

Protection class IP 65
Cast aluminium · Partially frosted crystal glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®

A separate 24 V DC power supply unit is required to operate the luminaire 66 050.
For more information on 24 V DC power supply units, see Page 436.
on/off, DALI controllable or BEGA Smart controllable power supply units
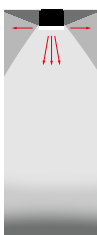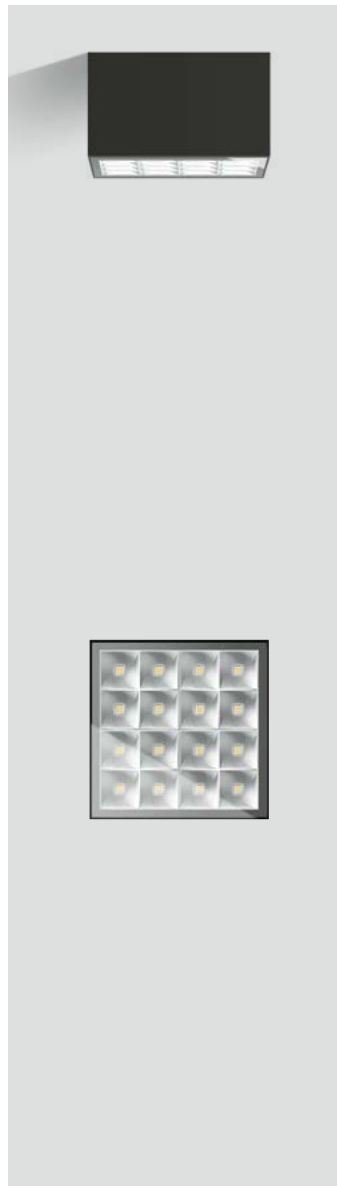For more information, see Page 19 · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
White – article number + **W**

20-year availability guarantee for replacement parts and LED modules

With additional vertical light component						
	LED		Controllable	β	A	B
66 050	5.4 W	495 lm	on/off*	68°	95	95
66 055	4.1 W	300 lm	on/off	70°	95	95
66 056	5.9 W	575 lm	on/off	62°	125	115
24 919	7.8 W	660 lm	BEGA Smart	62°	125	115
66 051	11.8 W	795 lm	DALI	57°	150	135
66 057	18.0 W	1925 lm	DALI	53°	190	160
66 058	39.3 W	3280 lm	DALI	46°	220	175

* without power supply unit – separate 24 V DC power supply unit required

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Ceiling luminaires · Downlights
Symmetrical narrow beam, symmetrical wide beam, symmetrical very wide beam
or asymmetrical wide beam light distribution

Protection class IP 65 · ⊕ Ballproof
Cast aluminium · Safety glass · Reflector surface made of pure aluminium
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Symmetrical narrow beam light distribution · BEGA Vortex Optics®

	LED		Controllable	β	A	B
66 151	4.1 W	350 lm	on/off	24°	95 × 95	90
66 153	9.5 W	760 lm	on/off	27°	95 × 95	90
66 155	19.7 W	1510 lm	DALI	27°	130 × 130	100
66 156	36.1 W	2770 lm	DALI	27°	170 × 170	100
24 066	69.0 W	5555 lm	DALI	20°	250 × 250	115

Symmetrical wide beam light distribution · BEGA Vortex Optics®

|	LED		Controllable	β	A	B
66 157	4.1 W	425 lm	on/off	40°	95 × 95	90
66 158	9.5 W	970 lm	on/off	41°	95 × 95	90
66 159	19.7 W	2250 lm	DALI	41°	130 × 130	100
66 160	36.1 W	4070 lm	DALI	41°	170 × 170	100
24 067	69.0 W	8260 lm	DALI	38°	250 × 250	115

Symmetrical very wide beam light distribution · BEGA Constant Optics®

	LED		Controllable	β	A	B
24 464	4.1 W	405 lm	on/off	90°	95 × 95	90
24 465	9.5 W	900 lm	on/off	90°	95 × 95	90
24 466	19.7 W	2025 lm	DALI	90°	130 × 130	100
24 467	36.1 W	3890 lm	DALI	90°	170 × 170	100
24 468	69.0 W	7725 lm	DALI	90°	250 × 250	115

Asymmetrical wide beam light distribution · BEGA Vortex Optics®

	LED		Controllable	β	A	B
24 056	4.1 W	335 lm	on/off	50/52°	95 × 95	90
24 057	9.5 W	820 lm	on/off	46/52°	95 × 95	90
24 058	19.7 W	1895 lm	DALI	46/52°	130 × 130	100
24 059	36.1 W	2880 lm	DALI	46/52°	170 × 170	100
24 068	69.0 W	7530 lm	DALI	46/52°	250 × 250	115
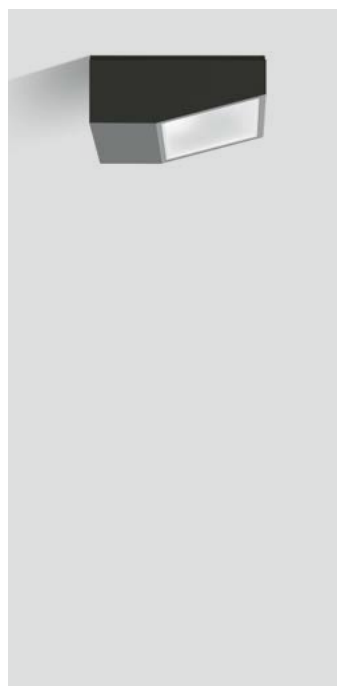
Ceiling luminaires · Wall washers

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Wall washers

	LED		Controllable	A	B
24 859	10.0 W	1190 lm	on/off	170 × 170	75
24 861	18.8 W	2295 lm	on/off	245 × 245	105
24 089	21.6 W	2840 lm	DALI	170 × 170	75
24 090	40.0 W	5380 lm	DALI	245 × 245	105

β = Half beam angle
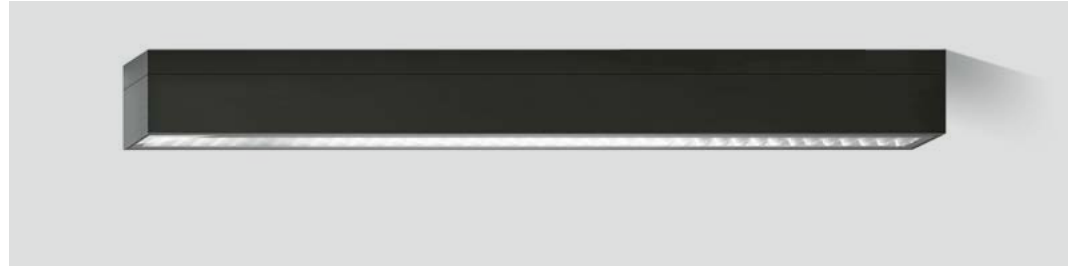
Linear ceiling luminaires · Downlights
Symmetrical narrow beam, symmetrical wide beam, symmetrical very wide beam or asymmetrical light distribution

Protection class IP65 · ⚽ Ballproof
Cast aluminium · Safety glass
Reflector surface made of pure aluminium
DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Matching unshielded wall luminaires can be found on Page 91

Symmetrical narrow beam light distribution · BEGA Vortex Optics®

	LED		Controllable	β	A	B	C
24 309	18.3 W	1580 lm	DALI	34°	520	60	105
24 310	35.6 W	3255 lm	DALI	34°	1015	60	105
24 311	53.2 W	4790 lm	DALI	34°	1505	60	105

Symmetrical wide beam light distribution · BEGA Vortex Optics®

	LED		Controllable	β	A	B	C
24 312	18.3 W	2190 lm	DALI	55°	520	60	105
24 313	35.6 W	4380 lm	DALI	55°	1015	60	105
24 314	53.2 W	6955 lm	DALI	55°	1505	60	105

Symmetrical very wide beam light distribution · BEGA Constant Optics®

	LED		Controllable	β	A	B	C
24 461	18.3 W	1955 lm	DALI	95°	520	60	105
24 462	35.6 W	3840 lm	DALI	95°	1015	60	105
24 463	53.2 W	6240 lm	DALI	95°	1505	60	105

Asymmetrical wide beam light distribution · BEGA Vortex Optics®

	LED		Controllable	β	A	B	C
24 315	18.3 W	1980 lm	DALI	42/50°	520	60	105
24 316	35.6 W	4025 lm	DALI	42/50°	1015	60	105
24 317	53.2 W	6210 lm	DALI	42/50°	1505	60	105

BEGA Vortex Optics®

BEGA Vortex Optics® features twisted reflectors with a surface made of pure aluminium.
The more intensive bundling of light ensures perfect light control. The result is optimised light distribution
without artefacts. Thanks to excellent glare control, BEGA Vortex Optics® achieve excellent visual comfort.
In combination with the LED Modules, exceptional lighting results are achieved.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Ceiling luminaires · Downlights · Pendant luminaires

High-performance downlights
Symmetrical narrow beam, symmetrical wide beam, symmetrical very wide beam or asymmetrical wide beam light distribution

Protection class IP 65 · ⊕ Ballproof
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
Ambient temperature · Max. t_a = 40 °C · BEGA Thermal Management®
DALI controllable power supply units

Output adjustable in four steps 100 % · 70 % · 50 % · 30 %

BEGA high-performance downlights can be mounted with a mounting frame directly under ceilings and cantilever plates or suspended from high ceilings using the steel wire set. The mounting frame and steel wire set are BEGA accessories and must be ordered separately. The luminaires are also equipped with suspension devices so that they may be suspended by means of on-site fixings. Technical data on the BEGA mounting frames and the BEGA steel wire set can be found in the data sheets on our website.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
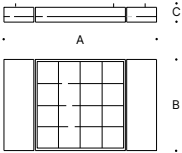
Symmetrical wide beam light distribution						Mounting frames	Steel wire set
	LED		Controllable	A	B	C	
24 141	298.0 W	33 185 lm	DALI	745	440	105	**13 576**	**13 582**

Symmetrical very wide beam light distribution						Mounting frames	Steel wire set
	LED		Controllable	A	B	C	
24 940	298.0 W	37 125 lm	DALI	745	440	105	**13 576**	**13 582**

Asymmetrical wide beam light distribution						Mounting frames	Steel wire set
	LED		Controllable	A	B	C	
24 142	298.0 W	27 705 lm	DALI	745	440	105	**13 576**	**13 582**

DarkSky

Pendant luminaires
Shielded light, symmetrical very wide beam light distribution

Protection class IP 65
Cast aluminium

24 507 Safety glass · BEGA Constant Optics®
These luminaires emit no light into their upper half-space.

24 508 Closed clear synthetic cylinder

Cable pendant and mounting box in luminaire colour
Reflector made of pure anodised aluminium
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
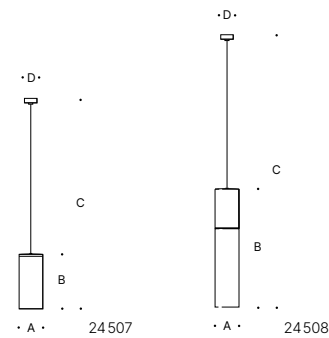
Shielded light, symmetrical very wide beam light distribution · Fig. left

	LED		Controllable	A	B	C	D
24 507	39.0 W	4295 lm	DALI	190	440	2630	110

Symmetrical very wide beam light distribution · Fig. right

	LED		Controllable	A	B	C	D
24 508	39.0 W	4725 lm	DALI	190	985	3180	110

Pendant luminaires · The sphere
Unshielded light

Protection class IP 64
Cast aluminium · Translucent white synthetic cover
White mounting box · Black cable pendant

Luminaires with LED module: DALI controllable · BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

We supply the luminaires with E 27 socket complete with matching LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434.

Luminaire colour · BEGA Unidure® · White

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
24 129	17.6 W	2545 lm	DALI	350	2000	110
24 130	38.1 W	5795 lm	DALI	450	3000	110
24 131	50.2 W	8105 lm	DALI	550	4000	110

	LED lamp included		Socket			
66 105	1 × 12.0 W	1260 lm	E 27	350	2000	110

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Ceiling and wall luminaires

Large-area luminaires for ceilings and walls

Protection class IP 65
Aluminium · Synthetic cover with light-diffusing structure
DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules
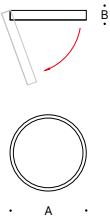
	LED		Controllable	A	B	
24 230	52.6 W	6520 lm	DALI	670	120	
24 231	121.2 W	16140 lm	DALI	930	140	
24 125	216.0 W	26220 lm	DALI	1250	145	

● New to the range   β = Half beam angle

Ceiling and wall luminaires

Protection class IP 65
Cast aluminium · Safety glass · Diffuser panel
24 647 · 24 648 · 24 649 Reflector made of pure anodised aluminium
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for surface-routed wiring of luminaires, which can be ordered separately in the colours graphite and white.
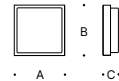
Luminaire colour · BEGA Unidure®
Graphite – article number
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules
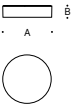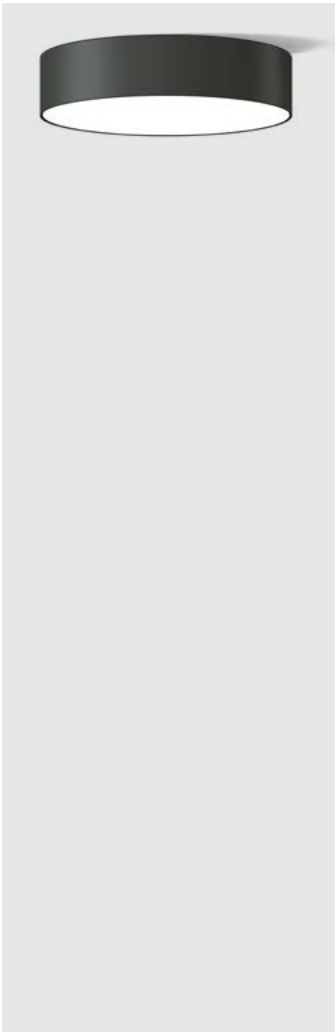
Ceiling and wall luminaires						Surface mounting frame
	LED		Controllable	A	B	
● **24 891**	13.0 W	1350 lm	DALI	190	90	● **13 644**
24 647	22.0 W	2650 lm	DALI	225	80	● **13 645**
24 648	29.5 W	3945 lm	DALI	300	85	–
24 649	41.0 W	5505 lm	DALI	350	85	–
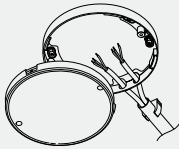
Surface mounting frame

BEGA mounting frames enable surface-mounted cabling for ceiling or wall luminaires.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

PRIMA
Ceiling and wall luminaires

Protection class IP 65 · ⚽ Ballproof
Cast aluminium · Synthetic cover BEGA NeoGlass®
on/off or DALI-controllable power supply unit
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·

	LED		Controllable	A	B
24 894	6.5 W	960 lm	on/off	210	75
24 895	13.0 W	1940 lm	DALI	280	95

PRIMA
Ceiling and wall luminaires

Protection class IP 65 · ⚽ Ballproof
Cast aluminium · Synthetic cover BEGA NeoGlass®
on/off or DALI-controllable power supply unit
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · C ·   B

	LED		Controllable	A	B	C
24 892	7.6 W	1110 lm	on/off	200	200	75
24 893	13.0 W	1915 lm	DALI	280	280	95

PRIMA
Ceiling and wall luminaires

Protection class IP 65 · ⚽ Ballproof
Cast aluminium · Synthetic cover BEGA NeoGlass®
on/off or DALI-controllable power supply unit
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · C ·   B

	LED		Controllable	A	B	C
● **24 896**	3.5 W	485 lm	on/off	110	210	75
● **24 897**	7.0 W	975 lm	DALI	130	280	95

● New to the range

PRIMA
Ceiling and wall luminaires
Unshielded light

Protection class IP 65
Cast aluminium · Synthetic cover, inside white
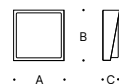on/off power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for surface-mounted cabling of luminaires, which can be ordered separately in the colours graphite and silver.
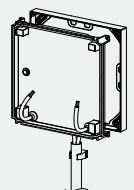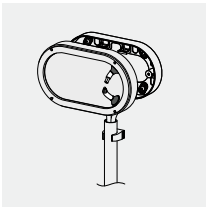
Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

The luminaires in this series are also available with weatherproof numbers, symbols or lettering on request. This allows house numbers and notices to be read easily, even from greater distances – by day and by night.

You can find emergency lighting luminaires with a single emergency lighting battery from this series on Page 275 and at bega.com/emergency-lighting

Unshielded light						Surface mounting frame
	LED		Controllable	A	B	C	
24 769	7.8 W	540 lm	on/off	220	220	80	● **13 638**
24 770	13.5 W	1165 lm	on/off	270	270	80	● **13 639**

PRIMA
Wall luminaires
Light shielded to the top

Protection class IP 65
Cast aluminium · Synthetic cover, inside white
on/off power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for surface-mounted cabling of luminaires, which can be ordered separately in the colours graphite and silver.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

The luminaires in this series are also available with weatherproof numbers, symbols or lettering on request. This allows house numbers and notices to be read easily, even from greater distances – by day and by night.

Light **shielded to the top**						Surface mounting frame
	LED		Controllable	A	B	C	
24 856	7.8 W	400 lm	on/off	220	220	90	● **13 638**
24 857	13.5 W	960 lm	on/off	270	270	90	● **13 639**

Surface mounting frame

BEGA mounting frames enable surface-mounted cabling for ceiling or wall luminaires.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

PRIMA
Impact-resistant ceiling and wall luminaires
Unshielded light

Protection class IP 65 · ⚽ Ballproof
Cast aluminium · Synthetic cover BEGA NeoGlass®
on/off power supply units
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

In the table you will find suitable surface-mounting frames made of highly resistant
synthetic material for surface-mounted cabling of luminaires, which can be ordered
separately in the colour graphite.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Surface mounting frame
BEGA mounting frames
enable surface-mounted
cabling for ceiling or wall
luminaires.

You can find emergency
lighting luminaires with a
single emergency lighting
battery from this series
on Page 275 and at
bega.com/emergency-lighting

Unshielded light				A	B	C	Surface mounting frame
	LED		Controllable				
24 915	5.8 W	625 lm	on/off	220	130	100	• **13 642**
24 916	13.0 W	1500 lm	on/off	300	180	140	• **13 641**

PRIMA
Impact-resistant wall luminaires
Shielded light

Protection class IP 65 · ⚽ Ballproof
Cast aluminium · Synthetic cover BEGA NeoGlass®
on/off power supply units
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

In the table you will find suitable surface-mounting frames made of highly resistant
synthetic material for surface-mounted cabling of luminaires, which can be ordered
separately in the colour graphite.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Shielded light				A	B	C	Surface mounting frame
	LED		Controllable				
24 917	5.8 W	505 lm	on/off	220	130	100	• **13 642**
24 918	13.0 W	1165 lm	on/off	300	180	140	• **13 641**

PRIMA
Wall luminaires
Light shielded to the top

Protection class IP 65
Cast aluminium · Synthetic cover, inside white
on/off power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

In the table you will find suitable surface-mounting frames made of highly resistant synthetic
material for surface-mounted cabling of luminaires, which can be ordered separately in the
colours graphite and silver.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

The luminaires in this series are also available with weatherproof numbers, symbols
or lettering on request. This allows house numbers and notices to be read easily,
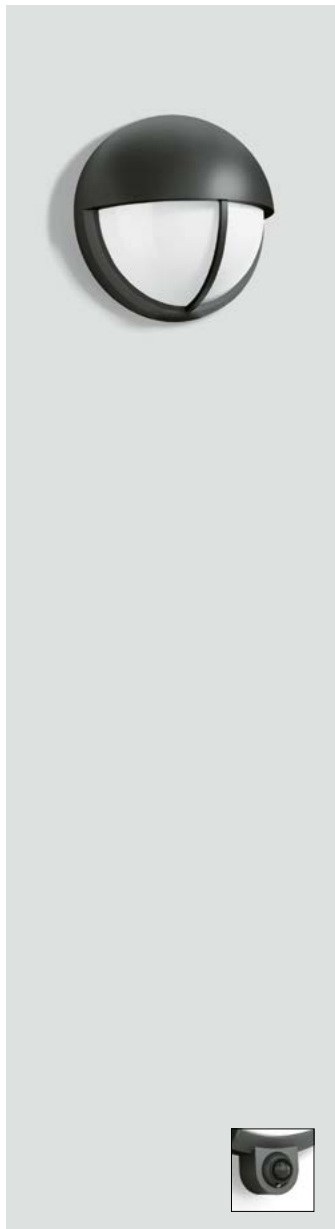even from greater distances – by day and by night.

Surface mounting frame
BEGA mounting frames
enable surface-mounted
cabling for ceiling or wall
luminaires.

Light **shielded to the top**				A	B	Surface mounting frame
	LED		Controllable			
24 862	8.0 W	390 lm	on/off	200	90	13 635
24 863	13.8 W	750 lm	on/off	260	90	13 636
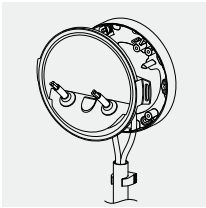
• New to the range
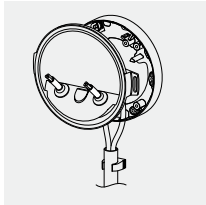
Surface mounting frame
BEGA mounting frames enable surface-mounted cabling for ceiling or wall luminaires.

PRIMA
Ceiling and wall luminaires

Protection class IP 65 · ⚽ Ballproof
Cast aluminium · Synthetic cover BEGA NeoGlass®
on/off power supply units
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for surface-mounted cabling of luminaires, which can be ordered separately in the colour graphite.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·

Unshielded light					Surface mounting frame
	LED		Controllable	A	B	
24 911	6.8 W	945 lm	on/off	200	90	**13 635**
24 912	13.4 W	1860 lm	on/off	260	100	**13 636**

PRIMA
Impact-resistant ceiling and wall luminaires

Protection class IP 65 · ⚽ Ballproof
Cast aluminium · Synthetic cover BEGA NeoGlass®
on/off power supply units
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for surface-mounted cabling of luminaires, which can be ordered separately in the colour graphite.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·

Unshielded light					Surface mounting frame
	LED		Controllable	A	B	
24 913	6.8 W	715 lm	on/off	200	95	**13 635**
24 914	13.4 W	1375 lm	on/off	260	110	**13 636**

PRIMA
Ceiling and wall luminaires
Unshielded light

Protection class IP 65
Cast aluminium · Synthetic cover, inside white
on/off power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for surface-mounted cabling of luminaires, which can be ordered separately in the colours graphite and silver.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

The luminaires in this series are also available with weatherproof numbers, symbols or lettering on request. This allows house numbers and notices to be read easily, even from greater distances – by day and by night.

You can find emergency lighting luminaires with a single emergency lighting battery from this series on Page 275 and at bega.com/emergency-lighting

· A ·   · B ·

Unshielded light					Surface mounting frame
	LED		Controllable	A	B	
24 774	8.0 W	525 lm	on/off	200	80	**13 635**
24 775	13.8 W	910 lm	on/off	260	80	**13 636**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Impact-resistant wall luminaires
Optionally with PIR motion and light sensor

works with
BEGA Smart

Protection class IP 65
Cast aluminium · Crystal glass, inside white
on/off, DALI controllable or BEGA Smart controllable power supply units · BEGA Thermal Management®

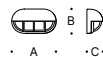Colour temperature adjustable to 3000 K or 4000 K

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for surface-mounted cabling of luminaires, which can be ordered separately in the colours graphite, silver and white.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**
White – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Configuration and control via BEGA Smart

BEGA Smart controllable luminaires can be networked, switched, dimmed and adjusted to a colour temperature of 3000 K or 4000 K. Luminaires with an integrated passive infrared motion and light sensor are extremely easy to configure via Bluetooth and the free app BEGA Smart.

Other luminaires that are networked via BEGA Smart after sunset and when motion is detected, can be controlled (for example suitable wall luminaires without sensor).

Find out more at bega.com/smart

Surface mounting frame
BEGA mounting frames enable surface-mounted cabling for ceiling or wall luminaires.

· A · · B ·

Wall luminaires					Surface mounting frame
	LED		Controllable	A	B	
24 344	5.0 W	320 lm	on/off	200	100	**13 635**
24 346	10.5 W	650 lm	DALI	260	135	**13 636**
● **24 958**	5.0 W	320 lm	BEGA Smart	200	100	**13 635**
● **24 959**	8.5 W	650 lm	BEGA Smart	260	135	**13 636**

B · A · · C ·
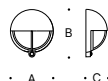
Wall luminaire · **With PIR motion and light sensor**						Surface mounting frame
	LED		Controllable	A	B	C	
● **24 960**	8.5 W	650 lm	BEGA Smart	260	290	135	**13 636**

Impact-resistant wall luminaires

Protection class IP 65
Cast aluminium · Crystal glass, inside white

We supply the luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434.

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for surface-mounted cabling of luminaires, which can be ordered separately in the colours graphite, silver and white.
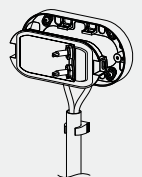
Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**
White – article number + **W**

20-year availability guarantee for replacements

Surface mounting frame
BEGA mounting frames enable surface-mounted cabling for ceiling or wall luminaires.

· A · · B ·
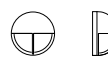
Wall luminaires						Surface mounting frame
	LED lamp included		Socket	A	B	
● **24 584**	1 × 4 W	75 lm	G 9	140	115	—
● **22 515**	1 × 7 W	150 lm	E 27	200	125	**13 635**
● **22 516**	1 × 12 W	335 lm	E 27	260	150	**13 636**
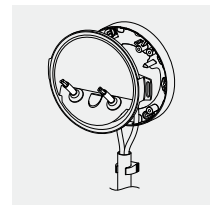
● New to the range   ● No longer included in the current catalogue

Impact-resistant ceiling and wall luminaires

Protection class IP 65
Cast aluminium · Crystal glass, inside white or impact-resistant white synthetic cover
on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for surface-mounted cabling of luminaires, which can be ordered separately in the colours graphite and silver.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

B · D
· A · · C ·

Unshielded light · **Crystal glass**						Surface mounting frame
	LED		Controllable	A	B	C	
24 353	7.1 W	530 lm	on/off	220	120	80	• **13 640**
24 354	14.0 W	1150 lm	DALI	300	180	110	• **13 641**

Unshielded light · **Synthetic cover, white**						Surface mounting frame
	LED		Controllable	A	B	C	
24 357	7.1 W	515 lm	on/off	220	120	80	• **13 640**
24 358	14.0 W	1165 lm	DALI	300	180	110	• **13 641**

Impact-resistant wall luminaires
Shielded light

Protection class IP 65
Cast aluminium · Crystal glass, inside white or impact-resistant white synthetic cover
on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for surface-mounted cabling of luminaires, which can be ordered separately in the colours graphite and silver.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

B · D
· A · · C ·

Shielded light · **Crystal glass**						Surface mounting frame
	LED		Controllable	A	B	C	
24 355	5.1 W	225 lm	on/off	220	120	85	• **13 640**
24 356	7.0 W	400 lm	DALI	300	180	115	• **13 641**

Shielded light · **Synthetic cover, white**						Surface mounting frame
	LED		Controllable	A	B	C	
24 359	5.1 W	225 lm	on/off	220	120	85	• **13 640**
24 360	7.0 W	420 lm	DALI	300	180	115	• **13 641**

Surface mounting frame
BEGA mounting frames enable surface-mounted cabling for ceiling or wall luminaires.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Ceiling and wall luminaires
Optionally with PIR motion and light sensor

works with
BEGA Smart

Protection class IP 65
Cast aluminium · Crystal glass, inside white or impact-resistant white synthetic cover
Ballproof ⚽ for luminaires without PIR movement and light motion
on/off, DALI controllable or BEGA Smart controllable power supply units · BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for surface-mounted cabling of luminaires, which can be ordered separately in the colours graphite and silver.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Configuration and control via BEGA Smart

BEGA Smart controllable luminaires can be networked, switched, dimmed and adjusted to a colour temperature of 3000 K or 4000 K. Luminaires with an integrated passive infrared motion and light sensor are extremely easy to configure via Bluetooth and the free app BEGA Smart.

Other luminaires that are networked via BEGA Smart after sunset and when motion is detected, can be controlled (for example suitable ceiling and wall luminaires without sensor).

Find out more at bega.com/smart

· A ·   · B ·

Ceiling and wall luminaires · **Crystal glass**					Surface mounting frame
	LED		Controllable	A	B	
24 148	8.1 W	890 lm	on/off	200	75	**13 635**
24 175	14.5 W	1450 lm	on/off	260	85	**13 636**
24 714	27.0 W	2650 lm	on/off	350	105	**13 637**
• **24 941**	6.8 W	900 lm	BEGA Smart	200	75	**13 635**
• **24 942**	11.5 W	1370 lm	BEGA Smart	260	85	**13 636**
• **24 943**	23.5 W	2750 lm	BEGA Smart	350	105	**13 637**
24 165	26.5 W	2650 lm	DALI	350	105	**13 637**

Ceiling and wall luminaires · **Synthetic material**					Surface mounting frame
	LED		Controllable	A	B	
24 187	8.1 W	945 lm	on/off	200	75	**13 635**
24 189	14.5 W	1715 lm	on/off	260	85	**13 636**
24 715	27.0 W	3080 lm	on/off	350	105	**13 637**
• **24 944**	6.8 W	980 lm	BEGA Smart	200	75	**13 635**
• **24 945**	11.5 W	1615 lm	BEGA Smart	260	85	**13 636**
• **24 946**	23.5 W	3200 lm	BEGA Smart	350	105	**13 637**
24 190	26.5 W	3080 lm	DALI	350	105	**13 637**

· A ·   · C ·   B

Wall luminaires · **With PIR motion and light sensor · Crystal glass**						Surface mounting frame
	LED		Controllable	A	B	C	
• **24 961**	6.8 W	900 lm	BEGA Smart	200	230	75	**13 635**
• **24 962**	11.5 W	1370 lm	BEGA Smart	260	290	85	**13 636**
• **24 963**	23.5 W	2750 lm	BEGA Smart	350	385	105	**13 637**

Wall luminaires · **With PIR motion and light sensor · Synthetic material**						Surface mounting frame
	LED		Controllable	A	B	C	
• **24 964**	6.8 W	980 lm	BEGA Smart	200	230	75	**13 635**
• **24 965**	11.5 W	1615 lm	BEGA Smart	260	290	85	**13 636**
• **24 966**	23.5 W	3200 lm	BEGA Smart	350	385	105	**13 637**

You can find emergency lighting luminaires with a single emergency lighting battery from this series on Page 274 and at bega.com/emergency-lighting

• New to the range

Impact-resistant ceiling and wall luminaires
Optionally with PIR motion and light sensor

works with
BEGA Smart

Protection class IP 65
Cast aluminium · Crystal glass, inside white or impact-resistant white synthetic cover
Ballproof ⚽ for luminaires without PIR movement and light motion
on/off, DALI controllable or BEGA Smart controllable power supply units · BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

In the table you will find suitable surface-mounting frames made of highly resistant synthetic material for
surface-mounted cabling of luminaires, which can be ordered separately in the colours graphite and silver.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Configuration and control via BEGA Smart

BEGA Smart controllable luminaires can be networked, switched, dimmed and adjusted to
a colour temperature of 3000 K or 4000 K. Luminaires with an integrated passive infrared motion
and light sensor are extremely easy to configure via Bluetooth and the free app BEGA Smart.

Other luminaires that are networked via BEGA Smart after sunset and when motion is detected,
can be controlled (for example suitable ceiling and wall luminaires without sensor).

Find out more at bega.com/smart

· A ·   · B ·

Ceiling and wall luminaires · **Crystal glass**					Surface mounting frame
	LED		Controllable	A	B	
24 167	8.1 W	675 lm	on/off	200	80	**13 635**
24 173	14.5 W	1155 lm	on/off	260	90	**13 636**
24 716	27.0 W	2130 lm	on/off	350	110	**13 637**
● **24 947**	6.8 W	690 lm	BEGA Smart	200	80	**13 635**
● **24 948**	11.5 W	1100 lm	BEGA Smart	260	90	**13 636**
● **24 949**	23.5 W	2200 lm	BEGA Smart	350	110	**13 637**
24 171	26.5 W	2130 lm	DALI	350	110	**13 637**

Ceiling and wall luminaires · **Synthetic material**					Surface mounting frame
	LED		Controllable	A	B	
24 179	8.1 W	735 lm	on/off	200	80	**13 635**
24 181	14.5 W	1355 lm	on/off	260	90	**13 636**
24 717	27.0 W	2465 lm	on/off	350	110	**13 637**
● **24 950**	6.8 W	770 lm	BEGA Smart	200	80	**13 635**
● **24 951**	11.5 W	1280 lm	BEGA Smart	260	90	**13 636**
● **24 952**	23.5 W	2560 lm	BEGA Smart	350	110	**13 637**
24 182	26.5 W	2465 lm	DALI	350	110	**13 637**
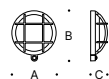
· A ·   · C ·

Wall luminaires · **With PIR motion and light sensor · Crystal glass**						Surface mounting frame
	LED		Controllable	A	B	C	
● **24 967**	6.8 W	690 lm	BEGA Smart	200	230	80	**13 635**
● **24 968**	11.5 W	1100 lm	BEGA Smart	260	290	90	**13 636**
● **24 969**	23.5 W	2200 lm	BEGA Smart	350	385	110	**13 637**

Wall luminaires · **With PIR motion and light sensor · Synthetic material**						Surface mounting frame
	LED		Controllable	A	B	C	
● **24 970**	6.8 W	770 lm	BEGA Smart	200	230	80	**13 635**
● **24 971**	11.5 W	1280 lm	BEGA Smart	260	290	90	**13 636**
● **24 972**	23.5 W	2560 lm	BEGA Smart	350	385	110	**13 637**

You can find emergency
lighting luminaires with
a single emergency lighting
battery from this series
on Page 274 and at
bega.com/emergency-lighting

Surface mounting frame

BEGA mounting frames enable
surface-mounted cabling for
ceiling or wall luminaires.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Ceiling and wall luminaires
Shielded light

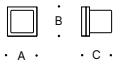Protection class IP 65
Cast aluminium · Crystal glass, inside white
on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· A · · B ·

	LED		Controllable	A	B
24 036	1.6 W	80 lm	on/off	105	80
33 507	3.9 W	265 lm	on/off	160	100
33 508	5.8 W	530 lm	on/off	215	115
33 509	11.7 W	935 lm	DALI	265	120
24 395	27.2 W	2360 lm	DALI	350	100

Ceiling and wall luminaires

Protection class IP 65
Cast aluminium · Crystal glass, inside white
on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· A · · B ·

	LED		Controllable	A	B
24 037	1.6 W	95 lm	on/off	105	55
33 534	3.9 W	355 lm	on/off	160	65
33 535	5.8 W	610 lm	on/off	215	70
33 523	11.7 W	1055 lm	DALI	265	80
24 394	27.2 W	2610 lm	DALI	350	95

You can find emergency lighting luminaires with a single emergency lighting battery from this series on Page 274 and at bega.com/emergency-lighting

Wall luminaire

works with
BEGA Smart

Protection class IP 65
Cast aluminium · Crystal glass, inside white
33 604 BEGA Ultimate Driver® · on/off
24 910 Controllable via BEGA Smart
BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

The luminaires in this series are also available with weatherproof numbers, symbols or lettering on request. This allows house numbers and notices to be read easily, even from greater distances – by day and by night.

· A · B · C ·

	LED		Controllable	A	B	C
33 604	4.8 W	425 lm	on/off	120	240	75
24 910	6.8 W	670 lm	BEGA Smart	120	240	75

Ceiling and wall luminaires

Protection class IP 64
Aluminium · Crystal glass, inside white
DALI controllable power supply units
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

The luminaires in this series are also available with weatherproof numbers, symbols or lettering on request. This allows house numbers and notices to be read easily, even from greater distances – by day and by night.

	LED		Controllable	A	B
33 682	15.6 W	1130 lm	DALI	265	65
33 683	22.0 W	1805 lm	DALI	305	65

Ceiling and wall luminaires

Protection class IP 64
Aluminium · Opal glass
DALI controllable power supply units
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

The luminaires in this series are also available with weatherproof numbers, symbols or lettering on request. This allows house numbers and notices to be read easily, even from greater distances – by day and by night.

	LED		Controllable	A	B
33 680	15.6 W	1410 lm	DALI	265	65
33 681	22.0 W	2445 lm	DALI	305	65

Wall luminaires

works with
BEGA Smart

Protection class IP 65
Cast aluminium · Crystal glass, inside white
33 601 BEGA Ultimate Driver® · on/off
24 920 BEGA Smart controllable
33 602 Power supply unit DALI controllable

BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

The luminaires in this series are also available with weatherproof numbers, symbols or lettering on request. This allows house numbers and notices to be read easily, even from greater distances – by day and by night.

	LED		Controllable	A	B	C
33 601	6.7 W	650 lm	on/off	170	170	70
24 920	6.7 W	650 lm	BEGA Smart	170	170	70
33 602	11.0 W	1160 lm	DALI	240	240	75

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Ceiling, wall and pillar luminaires
Unshielded light

Protection class IP 65
Cast aluminium · Crystal glass, inside white

Luminaires with LED module: BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

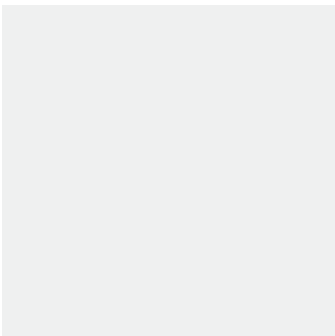Colour temperature adjustable to 3000 K or 4000 K

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure®
Graphite – article number
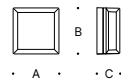Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
22 432	3.9 W	365 lm	on/off	120	120	135
22 439	4.7 W	500 lm	on/off	160	160	175
	LED lamp included		Socket			
22 444	1 × 7.0 W	555 lm	E 27	160	160	175

Ceiling, wall and pillar luminaires
Shielded light

Protection class IP 65
Cast aluminium · Crystal glass, inside white

Luminaires with LED module: BEGA Ultimate Driver® on/off
BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules
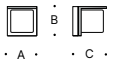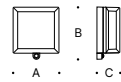
	LED		Controllable	A	B	C
33 327	3.9 W	285 lm	on/off	120	120	145
33 328	4.7 W	375 lm	on/off	160	160	180
	LED lamp included		Socket			
24 199	1 × 7.0 W	375 lm	E 27	160	160	180

Wall luminaires
Shielded light

Protection class IP 65
Cast aluminium · Crystal glass, inside white
on/off power supply units · BEGA Thermal Management®

The luminaires can be installed in any burning position.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
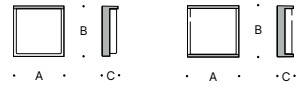
Shielded on one side · Fig. left

	LED		Controllable	A	B	C
24 132	6.6 W	575 lm	on/off	180	180	70
24 070	11.0 W	1195 lm	on/off	240	240	85

Shielded on two sides · Fig. right

	LED		Controllable	A	B	C
24 133	6.7 W	550 lm	on/off	180	180	70
24 071	11.0 W	1105 lm	on/off	240	240	85

Wall luminaires
Shielded light

Protection class IP 65
Cast aluminium · Crystal glass, inside white
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®

The luminaires can be installed in any burning position.

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
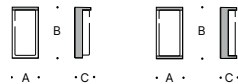
Shielded on one side · Fig. left

	LED		Controllable	A	B	C
24 335	3.8 W	300 lm	on/off	100	180	70
24 336	6.8 W	610 lm	on/off	120	240	85
24 337	9.7 W	900 lm	on/off	130	280	85

Shielded on two sides · Fig. right

	LED		Controllable	A	B	C
24 341	3.8 W	285 lm	on/off	100	180	70
24 342	6.8 W	575 lm	on/off	120	240	85
24 343	9.7 W	865 lm	on/off	130	280	85

Wall luminaires
Shielded light

Protection class IP 65
Cast aluminium · Crystal glass, inside white
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
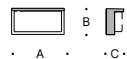
	LED		Controllable	A	B	C
24 338	3.8 W	265 lm	on/off	180	100	70
24 339	6.8 W	550 lm	on/off	240	120	85
24 340	9.7 W	820 lm	on/off	280	130	85

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Impact-resistant ceiling, wall and pillar luminaires

Protection class IP 65
Cast aluminium · Crystal glass, inside white

Luminaires with LED module: BEGA Ultimate Driver ® on/off
BEGA Thermal Management ®

Colour temperature adjustable to 3000 K or 4000 K

We supply the E 27 socket luminaires complete with corresponding LED lamps.
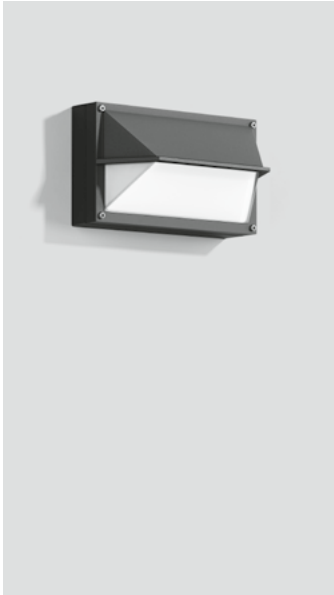Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure ®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
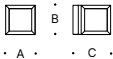
	LED		Controllable	A	B	C
22 423	3.9 W	375 lm	on/off	120	120	160
22 453	4.7 W	420 lm	on/off	160	160	205
	LED lamp included		Socket			
22 633	1 × 7.0 W	385 lm	E 27	160	160	205
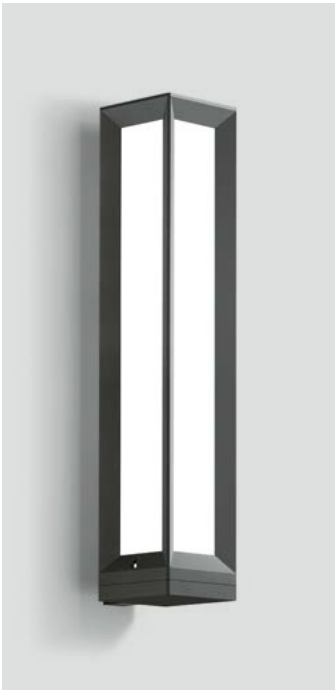
Wall luminaires

Protection class IP 65
Cast aluminium · White synthetic cover
on/off or DALI controllable power supply units
BEGA Thermal Management ®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure ®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
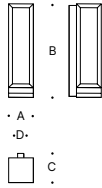
	LED		Controllable	A	B	C	D
24 504	11.7 W	765 lm	on/off	120	450	160	40
24 505	14.3 W	1205 lm	on/off	140	500	180	90
24 506	21.6 W	1785 lm	DALI	160	650	200	90

● New to the range

Ceiling and wall luminaires
With optional PIR motion and light sensor

works with
BEGA Smart

Protection class IP 65
Cast aluminium · Crystal glass, inside white
Luminaires with LED module: on/off or BEGA Smart controllable power supply units
BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

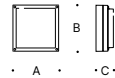We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Configuration and control via BEGA Smart

BEGA Smart controllable luminaires can be networked, switched, dimmed and adjusted to a colour temperature of 3000 K or 4000 K. Luminaires with an integrated passive infrared motion and light sensor are extremely easy to configure via Bluetooth and the free app BEGA Smart.

After sunset and when motion is detected, additional luminaires that are networked via BEGA Smart (for example the matching ceiling and wall luminaires without sensors) can be controlled.

Find out more at bega.com/smart

Ceiling and wall luminaires						
	LED		Controllable	A	B	C
22 650	4.8 W	360 lm	on/off	220	220	110
24 600	10.2 W	880 lm	on/off	275	275	125
• **24 953**	4.8 W	360 lm	BEGA Smart	220	220	110
• **24 954**	9.8 W	800 lm	BEGA Smart	275	275	125
	LED lamp included		Socket			
22 645	1× 7.0 W	345 lm	E 27	220	220	110
22 646	1× 12.0 W	700 lm	E 27	275	275	125

Wall luminaire · **With PIR motion and light sensor**						
	LED		Controllable	A	B	C
• **24 973**	9.8 W	800 lm	BEGA Smart	275	310	125

Ceiling and wall luminaires

Protection class IP 65
Cast aluminium · Crystal glass, inside white

Luminaires with LED module: BEGA Ultimate Driver on/off
BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
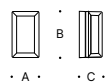
	LED		Controllable	A	B	C
22 750	4.8 W	360 lm	on/off	125	215	110
22 751	6.7 W	550 lm	on/off	165	290	115
	LED lamp included		Socket			
22 733	1× 7.0 W	350 lm	E 27	125	215	110
22 734	1× 12.0 W	640 lm	E 27	165	290	115

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Wall luminaires

Protection class IP 44
Cast aluminium · Opal glass

BEGA AC module
BEGA Thermal Management®
LED colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure®
Graphite – article number
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules
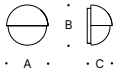
	LED		Controllable	A	B	C
24 023	7.4 W	280 lm	on/off	220	210	130
24 024	14.0 W	705 lm	phase-dimmable	270	260	155
	LED lamp included		Socket			
33 047	1× 7.0 W	180 lm	E 27	220	210	130
33 147	1×12.0 W	540 lm	E 27	270	260	155

Impact-resistant wall and ceiling luminaires
Unshielded light

Protection class IP 65
Cast aluminium · Crystal glass, inside white

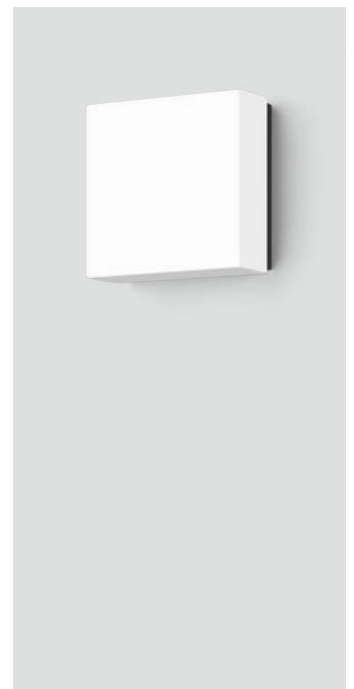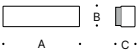We supply the luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacements
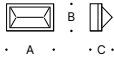
	LED lamps included		Socket	A	B	C
22 601	1×7.0 W	425 lm	E 27	210	120	100
22 603	2×7.0 W	880 lm	E 27	280	160	125

Impact-resistant wall luminaires
Shielded light

Protection class IP 65
Cast aluminium · Crystal glass, inside white

Luminaires with LED module: BEGA Ultimate Driver® · on/off · BEGA Thermal Management®
Colour temperature adjustable to 3000 K or 4000 K

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
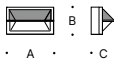
	LED		Controllable	A	B	C
22 649	4.7 W	265 lm	on/off	210	120	110
22 656	6.7 W	390 lm	on/off	280	160	135
	LED lamps included		Socket			
22 611	1×7.0 W	190 lm	E 27	210	120	110
22 613	2×7.0 W	430 lm	E 27	280	160	135

● New to the range   ● No longer included in the current catalogue

Ceiling and wall luminaires

Protection class IP 65
Cast aluminium · Crystal glass, inside white
on/off, DALI controllable or BEGA Smart controllable power supply units
BEGA Thermal Management®

works with
BEGA Smart

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Matching house number luminaires can be found on Page 88.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
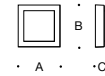
20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
24 850	6.8 W	455 lm	on/off	210	210	70
• **24 983**	6.8 W	455 lm	BEGA Smart	210	210	70
• **24 984**	11.7 W	770 lm	BEGA Smart	260	260	80
24 851	11.7 W	770 lm	DALI	260	260	80
24 852	18.7 W	1745 lm	DALI	310	310	85

Ceiling and wall luminaires
With optional PIR motion and light sensor

works with
BEGA Smart

Protection class IP 65
Cast aluminium · Crystal glass, inside white
on/off, DALI controllable or BEGA Smart controllable power supply units
BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Configuration and control via BEGA Smart

BEGA Smart controllable luminaires can be networked, switched, dimmed and adjusted to
a colour temperature of 3000 K or 4000 K. Luminaires with an integrated passive infrared motion
and light sensor are extremely easy to configure via Bluetooth and the free app BEGA Smart.

After sunset and when motion is detected, additional luminaires that are networked via BEGA
Smart (for example the matching ceiling and wall luminaires without sensors) can be controlled.
Find out more at bega.com/smart

You can find emergency lighting luminaires with a single
emergency lighting battery from this series on Page 274
and at bega.com/emergency-lighting

Ceiling and wall luminaires

	LED		Controllable	A	B	C
22 663	3.8 W	280 lm	on/off	170	170	70
22 665	4.7 W	370 lm	on/off	210	210	80
• **24 955**	3.8 W	280 lm	BEGA Smart	170	170	70
• **24 956**	4.7 W	370 lm	BEGA Smart	210	210	80
• **24 957**	9.8 W	880 lm	BEGA Smart	260	260	90
33 136	16.0 W	1490 lm	DALI	260	260	90
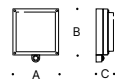
Wall luminaire · **With PIR motion and light sensor**

	LED		Controllable	A	B	C
• **24 974**	9.8 W	880 lm	BEGA Smart	260	300	90
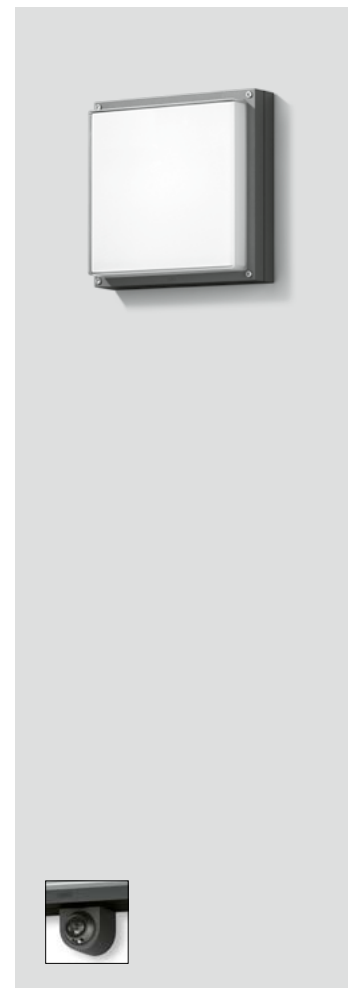
Ceiling and wall luminaires

Protection class IP 65
Cast aluminium · Crystal glass, inside white
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
22 400	3.8 W	305 lm	on/off	95	170	70
22 450	4.7 W	340 lm	on/off	120	210	80

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Ceiling and wall luminaires

Protection class IP 65
Cast aluminium · Opal glass

on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure® · White

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·
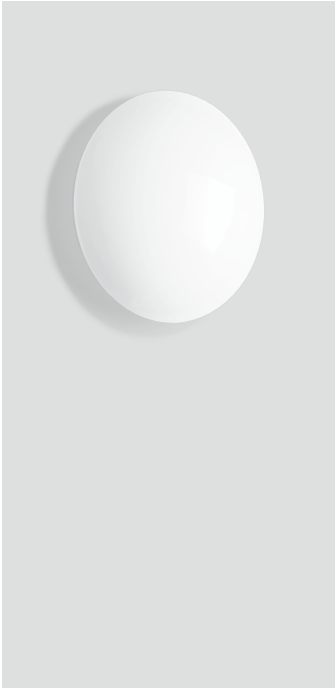
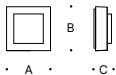|	LED		Controllable	A	B
24 028	9.0 W	875 lm	on/off	250	100
24 029	15.4 W	2200 lm	DALI	300	120
24 030	30.8 W	3955 lm	DALI	360	130

Light Brick – Lichtbaustein® · Circular
Ceiling and wall luminaires

Protection class IP 65
Cast aluminium · Satin matt opal glass
on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·

	LED		Controllable	A	B
24 025	9.0 W	725 lm	on/off	250	70
24 026	15.4 W	2045 lm	DALI	300	90
24 027	30.8 W	3645 lm	DALI	360	100

Light Brick – Lichtbaustein®
Ceiling and wall luminaires

Protection class IP 65
Cast aluminium · Opal glass
on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
24 711	8.8 W	905 lm	on/off	210	210	100
24 712	16.0 W	1625 lm	on/off	280	280	100
24 713	25.6 W	3135 lm	on/off	320	320	105
24 520	12.5 W	1410 lm	DALI	210	210	100
24 521	21.5 W	2230 lm	DALI	280	280	100
24 522	38.5 W	4530 lm	DALI	320	320	105

Light Brick – Lichtbaustein® · Square
Ceiling and wall luminaires

Protection class IP 44
Cast aluminium · Satin matt opal glass

BEGA AC module
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
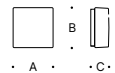
	LED		Controllable	A	B	C
38 300	10.0 W	805 lm	on/off	210	210	120
38 301	20.0 W	1780 lm	phase-dimmable	275	275	130
38 302	28.0 W	2345 lm	phase-dimmable	320	320	130
	LED lamps included		Socket			
66 658	1 × 8.0 W	720 lm	E 27	210	210	120
66 758	2 × 7.0 W	1070 lm	E 27	275	275	130

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Light Brick – Lichtbaustein® · Rectangle
Ceiling and wall luminaires

Protection class IP 44
Cast aluminium · Satin matt opal glass

We supply the luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

The luminaires can be installed in any burning position.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements

	LED lamps included		Socket		A	B	C
33 766	2 × 7.0 W	1060 lm	E 27		300	100	100
33 866	3 × 7.0 W	1540 lm	E 27		450	100	100

Light Brick – Lichtbaustein® · Rectangle
Ceiling and wall luminaires

Protection class IP 44
Cast aluminium · Satin matt opal glass

BEGA AC module
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

We supply the E 14 and E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
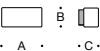
	LED		Controllable	A	B	C
24 602	7.4 W	555 lm	phase-dimmable	210	100	90
24 603	10.0 W	965 lm	phase-dimmable	250	120	100
24 604	14.8 W	1105 lm	phase-dimmable	300	140	105

	LED lamps included		Socket	A	B	C
33 563	1 × 4.0 W	280 lm	E 14	190	80	85
33 668	1 × 7.0 W	500 lm	E 27	210	100	90
44 661	1 × 6.5 W	700 lm	E 27	250	120	100
33 266	2 × 7.0 W	1145 lm	E 27	300	140	105
33 363	2 × 12.0 W	1710 lm	E 27	370	210	110

Light Brick – Lichtbaustein®
Ceiling and wall luminaires

Protection class IP 44
Cast aluminium · Opal glass

We supply the luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

The luminaires can be installed in any burning position.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements

	LED lamps included		Socket		A	B	C
33 185	1 × 7.0 W	450 lm	E 27		200	100	100
33 186	2 × 7.0 W	900 lm	E 27		300	100	100
33 187	2 × 7.0 W	900 lm	E 27		400	100	100
33 188	2 × 7.0 W	1060 lm	E 27		500	100	100

Wall luminaires

Protection class IP 44
Shield made of stainless steel · Cast aluminium · Opal glass

We supply the luminaires complete with corresponding LED lamps.
Colour temperature: 3000K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacements

The luminaires in this series are also available with weatherproof numbers, symbols
or lettering on request. This allows house numbers and notices to be read easily,
even from greater distances – by day and by night.
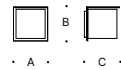
	LED lamp included		Socket	A	B	C
44 004	1 × 8.0 W	600 lm	E 27	200	200	210
44 007	1 × 12.0 W	840 lm	E 27	250	250	265

Light Brick – Lichtbaustein® · Cube
Ceiling and wall luminaires

Protection class IP 44
Cast aluminium · Satin matt opal glass

We supply the luminaires complete with corresponding LED lamps.
Colour temperature: 3000K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements

The luminaires in this series are also available with weatherproof numbers, symbols
or lettering on request. This allows house numbers and notices to be read easily,
even from greater distances – by day and by night.
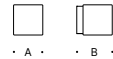
	LED lamp included		Socket	A	B
24 654	1 × 4.0 W	280 lm	G9	110 × 110	135
33 567	1 × 8.0 W	840 lm	E 27	160 × 160	195
33 767	1 × 12.0 W	970 lm	E 27	205 × 205	245
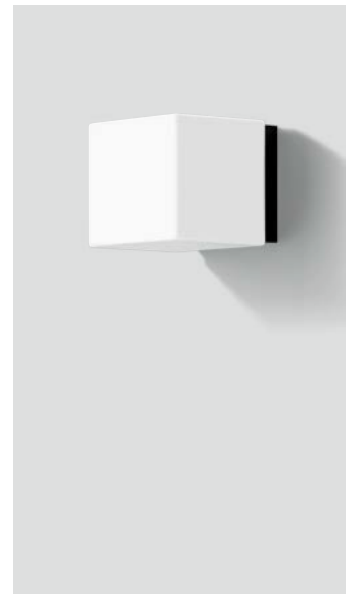
Light Brick – Lichtbaustein® · Rectangle
Corner luminaires · Wall luminaires

Protection class IP 44
Cast aluminium · Satin matt opal glass

We supply the luminaires complete with corresponding LED lamps.
Colour temperature: 3000K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements
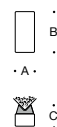
	LED lamps included		Socket	A	B	C
66 860	1 × 7.0 W	540 lm	E 27	100	200	115
66 960	1 × 12.0 W	850 lm	E 27	120	250	130
66 965	2 × 7.0 W	1030 lm	E 27	140	300	135

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

House number luminaires
with bulit-in light sensor

works with
BEGA Smart

Protection class IP 65
Cast aluminium · Crystal glass, inside white
24 853   for one- to two-digit numbers · Height   75 mm
24 854   for one- to two-digit numbers · Height 120 mm
            or three-digit numbers · Height 75 mm
The weatherproof numbers in this series are included in the scope of delivery.

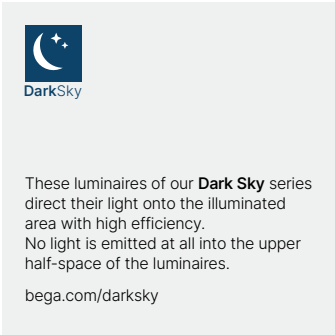BEGA Ultimate Driver® · BEGA Smart-controllable · BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
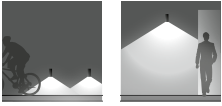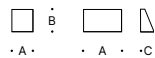
Configuration and control via BEGA Smart

BEGA Smart controllable luminaires can be networked, switched, dimmed and adjusted
to a colour temperature of 3000 K or 4000 K. Luminaires with a light sensor are extremely
easy to configure via Bluetooth and the free app BEGA Smart.

After sunset, additional luminaires that are networked via BEGA Smart (for example
the matching ceiling and wall luminaires without sensors on Page 83) can be controlled.

Find out more at bega.com/smart

	LED		Controllable	A	B	C
• 24 853	2.4 W	170 lm	BEGA Smart	210	210	70
• 24 854	4.5 W	310 lm	BEGA Smart	260	260	80

Light Brick – Lichtbaustein® · House number luminaires

Protection class IP 44
Cast aluminium · Opal glass
Luminaires with one to two-digit numbers · Height 120 mm
The weatherproof numbers in this series are included in the scope of delivery.

BEGA AC module
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaire versions complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
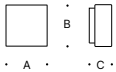
	LED		Controllable	A	B	C
37 700	10.0 W	675 lm	on/off	210	210	115
	LED lamp included		Socket	A	B	C
33 768	1 × 8.0 W	530 lm	E 27	210	210	115

• New to the range

House number luminaires
optionally available with twilight switch

Protection class IP 65
Cast aluminium · Safety glass
Luminaires with one to three-digit numbers · Height 100 mm
The weatherproof numbers in this series are included in the scope of delivery.

24 691 Twilight switch adjustable from 5 to 100 lx

BEGA Ultimate Driver · on/off
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
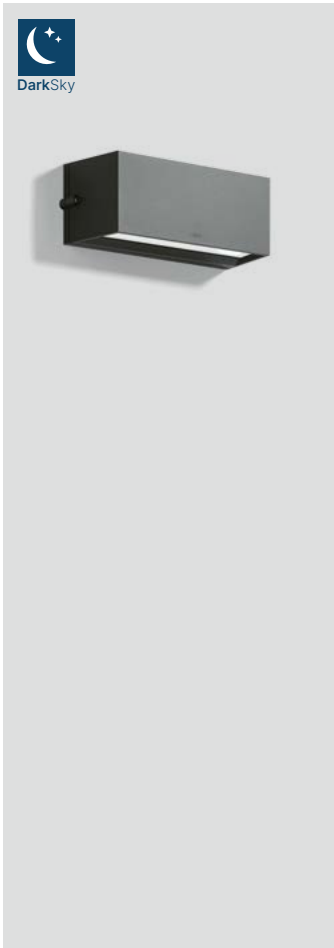
20-year availability guarantee for replacement parts and LED modules

House number luminaire						
	LED		Controllable	A	B	C
24 455	2.5 W	75 lm	on/off	225	160	65

House number luminaire · **With twilight switch**						
	LED		Controllable	A	B	C
24 691	3.5 W	75 lm	on/off	225	160	65

House number luminaires with additional light emission downwards
optionally available with twilight switch

Protection class IP 65
Cast aluminium · Safety glass
Luminaires with one to three-digit numbers · Height 100 mm
The weatherproof numbers in this series are included in the scope of delivery.

24 606 Twilight switch adjustable from 5 to 100 lx

on/off or DALI controllable power supply units
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

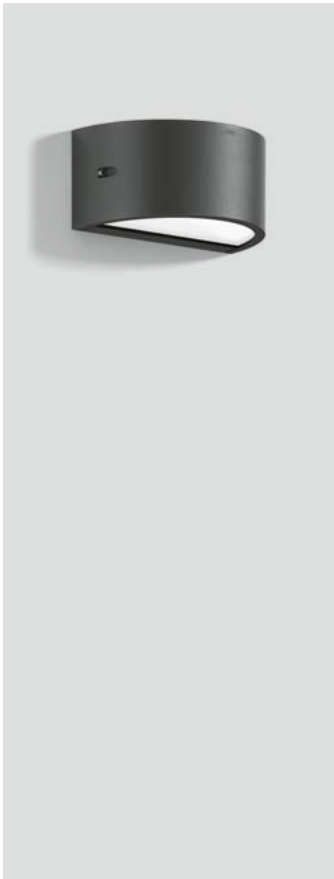20-year availability guarantee for replacement parts and LED modules

House number luminaires · **Additional light emission downwards**						
	LED		Controllable	A	B	C
24 457	9.3 W	970 lm	on/off	225	160	65
24 456	9.5 W	960 lm	DALI	225	160	65

House number luminaire · **Additional light emission downwards · With twilight switch**						
	LED		Controllable	A	B	C
24 606	10.0 W	970 lm	on/off	225	160	65

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Wall luminaire

Protection class IP 65
Cast aluminium · Opal glass with thread
BEGA Ultimate Driver ® · on/off · BEGA Thermal Management ®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure ®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
24 849	5.7 W	525 lm	on/off	110	245	150

Wall luminaires

Protection class IP 65
Aluminium · Opal glass
DALI controllable power supply units · BEGA Thermal Management ®

The luminaires can be installed in any burning position.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure ®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C	D
24 590	18.6 W	1715 lm	DALI	80	500	115	40
24 591	22.6 W	2380 lm	DALI	80	600	115	40
24 592	27.0 W	2645 lm	DALI	80	700	115	40

Ceiling and wall luminaires

Protection class IP 65
Aluminium · White synthetic cover
DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**
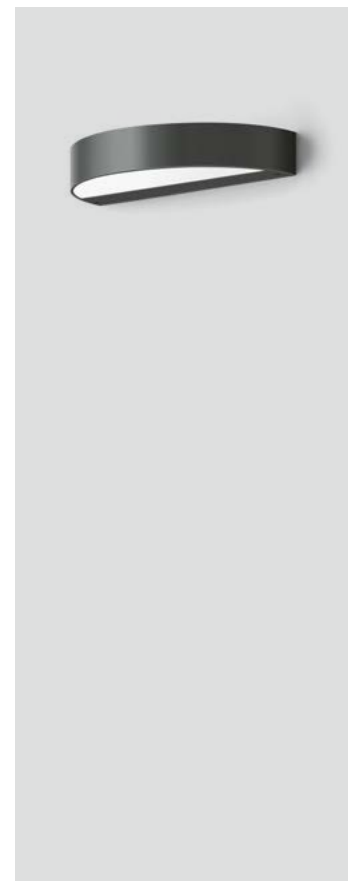
Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
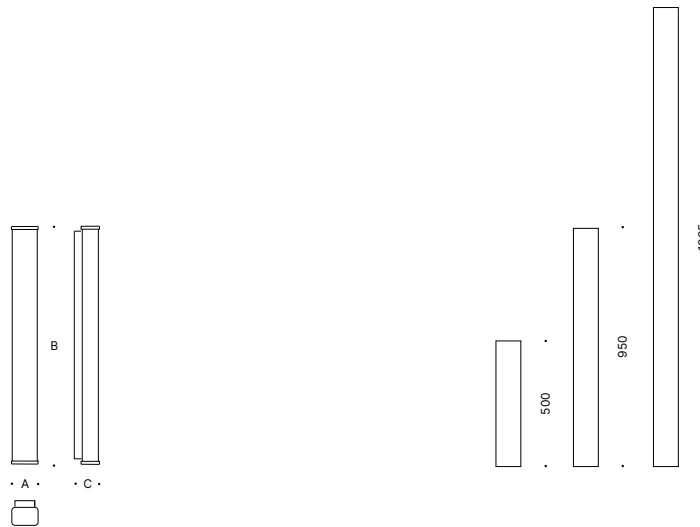
	LED		Controllable	A	B	C
24 115	15.0 W	1845 lm	DALI	125	500	120
24 116	27.0 W	3825 lm	DALI	125	950	120
24 117	55.0 W	7500 lm	DALI	125	1835	120
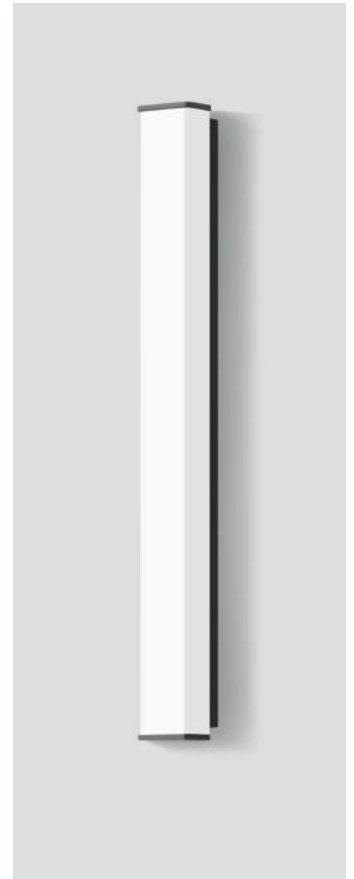
Ceiling and wall luminaires

Protection class IP 65
Aluminium · Safety glass
DALI controllable power supply units · BEGA Thermal Management®

The luminaires can be installed in any burning position.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
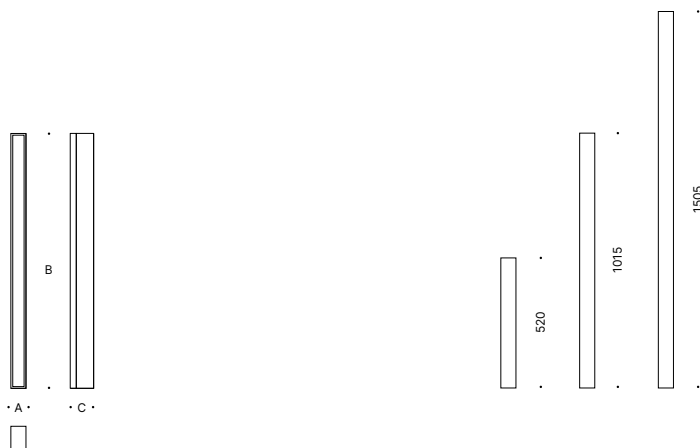
	LED		Controllable	A	B	C
24 318	18.3 W	1060 lm	DALI	60	520	105
24 319	35.6 W	2075 lm	DALI	60	1015	105
24 320	54.4 W	3420 lm	DALI	60	1505	105

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Wall luminaires

Wall luminaires
One or two-sided light emission

Protection class IP 64
Cast aluminium · Crystal glass, inside white
on/off or DALI controllable power supply units
BEGA Thermal Management®

The luminaires with light emission on one side must be mounted
with the light emission directed downwards.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

One-sided light emission · Fig. on the left

	LED		Controllable	A	B	C
33 405	5.0 W	215 lm	on/off	90	110	110
33 449	8.7 W	500 lm	DALI	120	140	140

Two-sided light emission · Fig. on the right

	LED		Controllable	A	B	C
33 505	6.9 W	365 lm	on/off	90	120	110
33 549	19.0 W	940 lm	DALI	120	150	140

Wall luminaires
Directed light

Protection class IP 65
Cast aluminium · Safety glass
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

The luminaires can be installed in any burning position.
These luminaires emit no light into the upper half-space of the luminaires
when mounted with the light emission downwards.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
33 223	4.1 W	365 lm	on/off	100	60	130
33 224	5.0 W	555 lm	on/off	140	60	185

DarkSky

These luminaires of our **Dark Sky** series
direct their light onto the illuminated
area with high efficiency.
No light is emitted at all into the upper
half-space of the luminaires.

bega.com/darksky

Wall luminaires
Directed light

Protection class IP 64
Cast aluminium · Safety glass
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

The luminaires must be mounted with the light emission directed downwards.
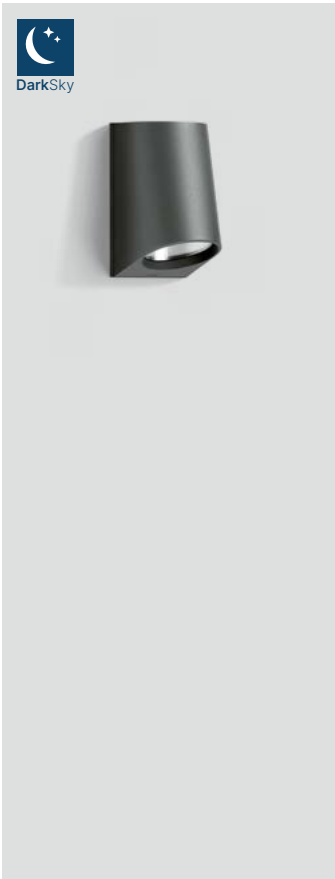They emit no light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

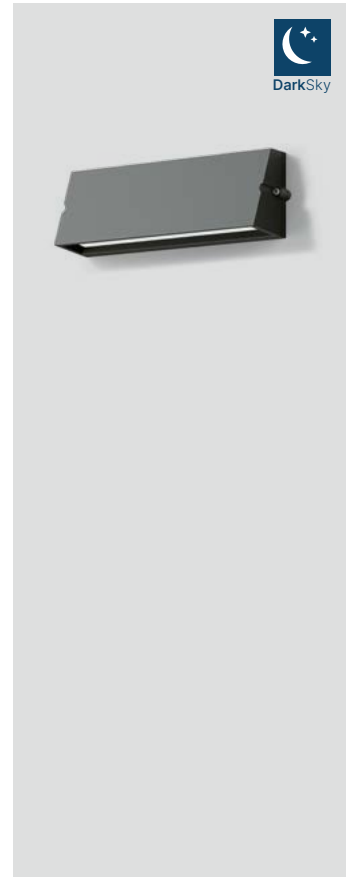Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
33 513	2.7 W	200 lm	on/off	55	140	60
33 514	4.1 W	205 lm	on/off	55	200	60

Wall luminaires
Directed light

Protection class IP 64
Cast aluminium · Safety glass
BEGA Ultimate Driver ® · on/off
BEGA Thermal Management®

The luminaires must be mounted with the light emission directed downwards.
They emit no light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
22 215	2.7 W	195 lm	on/off	90	95	60
22 261	5.2 W	435 lm	on/off	175	95	60

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

DarkSky

Wall luminaires
One or two-sided light emission

Protection class IP 65
Cast aluminium · Safety glass

Luminaires with LED module: on/off power supply units · BEGA Thermal Management®
Colour temperature adjustable to 3000 K or 4000 K

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434.

The luminaires with light emission on one side must be mounted with the light emission directed downwards. They emit no light into the upper half-space of the luminaires.

Luminaire colour · BEGA Unidure®

Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

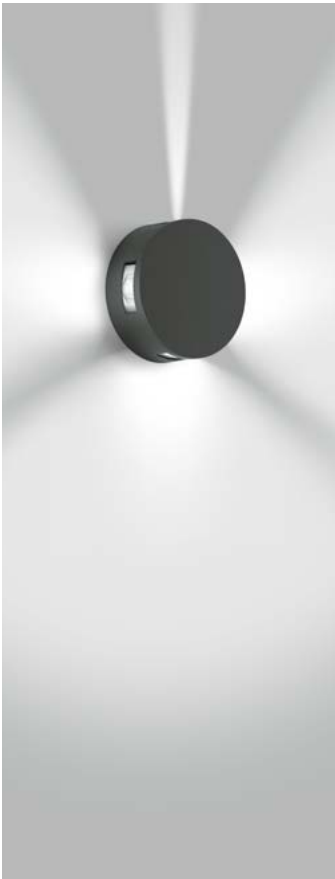| One-sided light emission						
	LED		Controllable	A	B	C
22 359	9.0 W	415 lm	on/off	200	110	100
22 360	17.7 W	910 lm	on/off	300	110	100
	LED lamps included		Socket			
22 396	1 × 7,0 W	100 lm	E 27	200	110	100
22 398	2 × 7,0 W	130 lm	E 27	300	110	100

Two-sided light emission						
	LED		Controllable	A	B	C
22 363	9.0 W	660 lm	on/off	200	110	100
22 365	17.7 W	1385 lm	on/off	300	110	100
	LED lamps included		Socket			
22 397	1 × 7,0 W	160 lm	E 27	200	110	100
22 399	2 × 7,0 W	320 lm	E 27	300	110	100

Wall luminaires
Two-sided light emission

Protection class IP 65
Cast aluminium · Crystal glass, inside white

Luminaires with LED module: BEGA Ultimate Driver® · on/off or DALI controllable
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
33 334	4.9 W	255 lm	on/off	250	115	135
33 344	14.0 W	890 lm	DALI	350	140	185
	LED lamps included		Socket			
33 335	1 × 7.0 W	310 lm	E 27	250	115	135
33 345	2 × 7.0 W	670 lm	E 27	350	140	185

Wall luminaires
One or two-sided light emission

Protection class IP 65
Cast aluminium · Safety glass
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®

The luminaires can be mounted in any burning position.
When these luminaires are installed with a downward light emission only,
then no light is emitted into their upper half-space.

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

One-sided light emission

	LED		Controllable	A	B	C
24 471	4.9 W	270 lm	on/off	200	55	120
24 472	6.8 W	410 lm	on/off	300	55	120

Two-sided light emission

	LED		Controllable	A	B	C
24 473	4.9 W	340 lm	on/off	200	55	120
24 474	6.8 W	500 lm	on/off	300	55	120
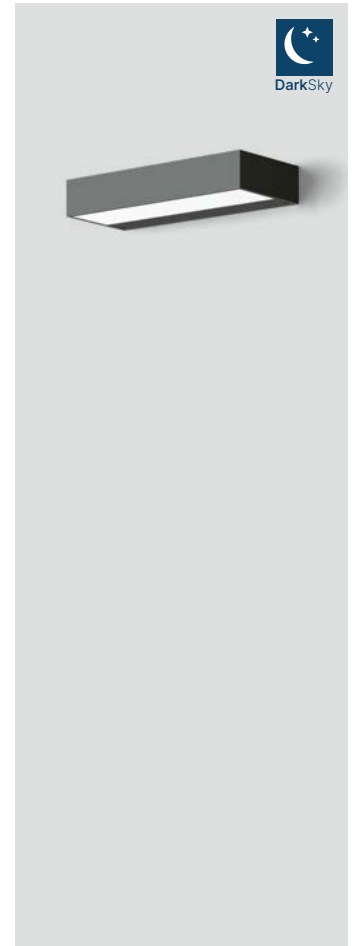
Wall luminaires
Two-sided light emission

Protection class IP 65
Cast aluminium · Safety glass
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

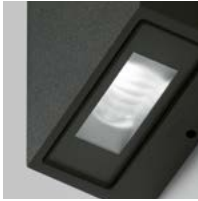**Two-sided** light emission

	LED		Controllable	A	B	C
24 469	4.9 W	280 lm	on/off	200	55	120
24 470	6.8 W	570 lm	on/off	300	55	140

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Wall luminaires
Symmetrical or asymmetrical light distribution

Protection class IP 64
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

The luminaires must be mounted with the light emission directed downwards.
They emit no light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical light distribution

	LED		Controllable	A	B	C
33 814	9.7 W	785 lm	DALI	110	190	110
33 816	16.5 W	1730 lm	DALI	130	230	135

Asymmetrical light distribution

	LED		Controllable	A	B	C
33 815	9.7 W	625 lm	DALI	110	190	110
33 817	16.5 W	1390 lm	DALI	130	230	135

Wall luminaires
Directed light

Protection class IP 64
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units
BEGA Thermal Management®

The luminaires must be mounted with the light emission directed downwards.
They emit less than 1% of the light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
24 501	5.1 W	340 lm	on/off	75	130	80
24 502	17.0 W	1215 lm	DALI	110	190	120
24 503	24.8 W	2020 lm	DALI	130	230	150

Wall luminaires
Directed light

Protection class IP 65
Cast aluminium · Safety glass
on/off or DALI controllable power supply units
BEGA Thermal Management®

The luminaires must be mounted with the light emission directed downwards.
They emit no light into the upper half-space of the luminaires.

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
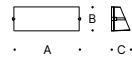
	LED		Controllable	A	B	C
22 280	2.9 W	175 lm	on/off	160	70	55
24 372	6.9 W	615 lm	on/off	200	110	85
24 374	14.5 W	1260 lm	DALI	300	110	85
24 373	20.5 W	1740 lm	DALI	400	120	100

Wall luminaires
Directed light

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units
BEGA Thermal Management®

The luminaires must be mounted with the light emission directed downwards.

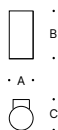Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
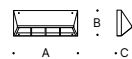
Orientation luminaires

	LED		Controllable	A	B	C
22 172	2.7 W	180 lm	on/off	200	120	75
22 174	5.0 W	390 lm	on/off	300	120	75
22 175	7.0 W	620 lm	on/off	400	120	75

Wall luminaires

	LED		Controllable	A	B	C
22 375	7.2 W	560 lm	on/off	200	120	75
22 385	15.0 W	1170 lm	DALI	300	120	75
22 395	21.0 W	1750 lm	DALI	400	120	75
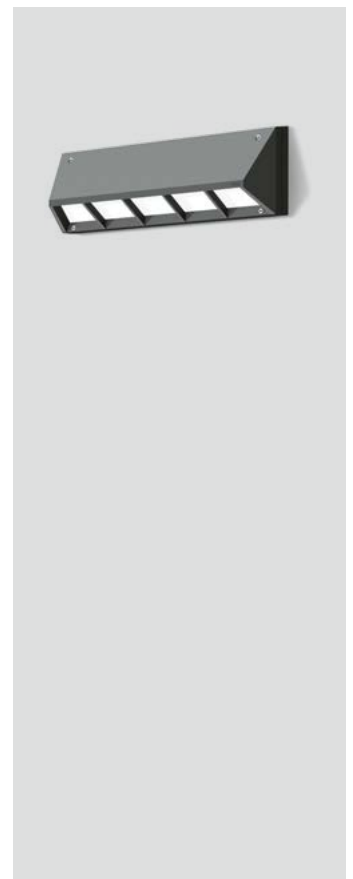
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
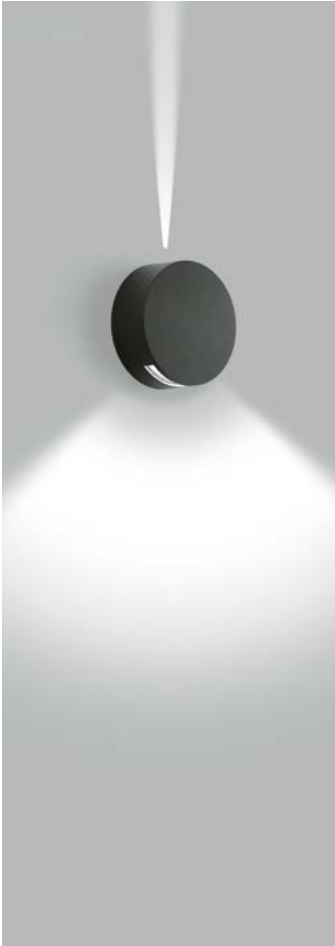
Wall luminaires for accent lighting
Four different light emissions · For low ambient brightness

Protection class IP 65
Cast aluminium · Borosilicate glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
on/off power supply units
BEGA Thermal Management®

The luminaires can be installed in any burning position.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·

90° light emission · **15°** light emission

	LED		Controllable	A	B
24 048	6.7 W	140 lm	on/off	145	65
24 049	12.3 W	215 lm	on/off	190	80

90° light emission

	LED		Controllable	A	B
24 052	6.7 W	150 lm	on/off	145	65
24 055	12.3 W	290 lm	on/off	190	80

180° light emission

	LED		Controllable	A	B
24 051	6.7 W	290 lm	on/off	145	65
24 054	12.3 W	575 lm	on/off	190	80

360° light emission

	LED		Controllable	A	B
24 050	13.5 W	875 lm	on/off	145	65
24 053	23.0 W	1260 lm	on/off	190	80

Wall luminaires for accent lighting
Light emission on two or four sides

Protection class IP 65
Cast aluminium · Borosilicate glass · Optical silicone lens
DALI controllable power supply units
BEGA Thermal Management®

The BEGA mounting system allows exact alignment after installation.
The luminaires can be installed in any burning position.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

· A ·   · C ·

2 × 15° light emission

	LED		Controllable	A	B
• **24 177**	5.6 W	165 lm	DALI	180	70

2 × 90° light emission

	LED		Controllable	A	B
• **24 178**	11.5 W	380 lm	DALI	180	70

3 × 90° light emission · **15°** light emission

	LED		Controllable	A	B
• **24 046**	19.5 W	670 lm	DALI	180	70

4 × 90° light emission

	LED		Controllable	A	B
• **24 045**	23.0 W	760 lm	DALI	180	70

• No longer included in the current catalogue

Wall luminaires for accent lighting
Two-sided light emission

Protection class IP 65
Cast aluminium · Safety glass · Optical silicone lens
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

The BEGA mounting system allows exact alignment after installation.
The luminaires can be installed in any burning position.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

2 × 15° light emission

	LED		Controllable	A	B	C
24 127	5.5 W	175 lm	DALI	120	180	70

90° light emission · **15°** light emission

	LED		Controllable	A	B	C
24 088	8.3 W	295 lm	DALI	120	180	70

2 × 90° light emission

	LED		Controllable	A	B	C
24 087	11.3 W	410 lm	DALI	120	180	70

Wall luminaires for accent lighting
Light emission on four sides

Protection class IP 65
Cast aluminium · Safety glass · Optical silicone lens
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

The BEGA mounting system allows exact alignment after installation.
The luminaires can be installed in any burning position.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**
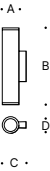
Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

4 × 15° light emission

	LED		Controllable	A	B	C
24 126	9.3 W	350 lm	DALI	180	180	70

3 × 90° light emission · **15°** light emission

	LED		Controllable	A	B	C
24 086	19.5 W	715 lm	DALI	180	180	70

4 × 90° light emission

	LED		Controllable	A	B	C
24 085	23.0 W	815 lm	DALI	180	180	70

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Wall luminaires
One-sided light emission

Protection class IP 65
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

The luminaires can be installed in any burning position.
These luminaires emit no light into the upper half-space of the luminaires
when mounted with the light emission downwards.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Narrow beam directed upwards **or** downwards

	LED		Controllable	β	A	B	C
24 724	5.0 W	185 lm	on/off	22°	80	160	105
24 725	9.5 W	490 lm	on/off	12°	115	195	155
24 726	19.7 W	950 lm	DALI	14°	145	245	190

Very wide beam directed upwards **or** downwards

	LED		Controllable	β	A	B	C
24 727	5.0 W	485 lm	on/off	70°	80	160	105
24 728	9.5 W	1045 lm	on/off	72°	115	195	155
24 732	19.7 W	2125 lm	DALI	70°	145	245	190

Wall luminaires
Two-sided light emission

Protection class IP 65
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

The luminaires can be installed in any burning position.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Narrow beam · Narrow beam

	LED		Controllable	β	A	B	C
24 517	9.0 W	370 lm	on/off	22°	80	160	105
24 536	19.0 W	980 lm	on/off	12°	115	195	155
24 537	39.0 W	1895 lm	DALI	14°	145	245	190

Very wide beam · Very wide beam

	LED		Controllable	β	A	B	C
24 518	9.0 W	970 lm	on/off	70°	80	160	105
24 480	19.0 W	2090 lm	on/off	72°	115	195	155
24 481	39.0 W	4250 lm	DALI	70°	145	245	190

Narrow beam · Very wide beam directed upwards **or** downwards

	LED		Controllable	β	A	B	C
24 519	9.0 W	675 lm	on/off	22°/70°	80	160	105
24 515	19.0 W	1535 lm	on/off	12°/72°	115	195	155
24 516	39.0 W	3065 lm	DALI	14°/70°	145	245	190

β = Half beam angle

DarkSky

Wall luminaires
One-sided light emission

Protection class IP 65
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

The luminaires can be installed in any burning position.
These luminaires emit no light into the upper half-space of the luminaires
when mounted with the light emission downwards.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Narrow beam directed upwards **or** downwards

	LED		Controllable	β	A	B	C
24 733	5.0 W	185 lm	on/off	22°	80	160	105
24 734	9.5 W	490 lm	on/off	12°	115	195	155
24 735	19.7 W	950 lm	DALI	14°	145	245	190

Very wide beam directed upwards **or** downwards

	LED		Controllable	β	A	B	C
24 736	5.0 W	485 lm	on/off	70°	80	160	105
24 737	9.5 W	1045 lm	on/off	72°	115	195	155
24 738	19.7 W	2125 lm	DALI	70°	145	245	190

Wall luminaires
Two-sided light emission

Protection class IP 65
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

The luminaires can be installed in any burning position.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Narrow beam · Narrow beam

	LED		Controllable	β	A	B	C
24 613	9.0 W	370 lm	on/off	22°	80	160	105
24 616	19.0 W	980 lm	on/off	12°	115	195	155
24 619	39.0 W	1895 lm	DALI	14°	145	245	190

Very wide beam · Very wide beam

	LED		Controllable	β	A	B	C
24 614	9.0 W	970 lm	on/off	70°	80	160	105
24 617	19.0 W	2090 lm	on/off	72°	115	195	155
24 620	39.0 W	4250 lm	DALI	70°	145	245	190

Narrow beam · Very wide beam directed upwards **or** downwards

	LED		Controllable	β	A	B	C
24 615	9.0 W	675 lm	on/off	22°/70°	80	160	105
24 618	19.0 W	1535 lm	on/off	12°/72°	115	195	155
24 621	39.0 W	3065 lm	DALI	14°/70°	145	245	190

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Wall luminaires

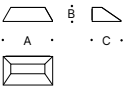**Wall luminaires**
Two-sided light emission

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
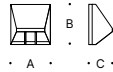on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

· A ·

B

· C ·

Narrow beam upwards **and** downwards

	LED		Controllable	β	A	B	C	D
66 512	4.9 W	295 lm	on/off	20°	60	275	105	40
66 516	19.0 W	1435 lm	DALI	21°	110	500	155	40
24 008	27.2 W	2215 lm	DALI	17°	110	500	155	40
66 519	26.6 W	2445 lm	DALI	17°	150	550	200	40
24 009	40.0 W	3300 lm	DALI	14°	150	550	200	40

DarkSky

The luminaires in our **Dark Sky** range
direct their light onto the surface to be
illuminated with high efficiency, while
emitting no light into the upper half-
space of the luminaire.

bega.com/darksky

DarkSky

Wall luminaires
One or two-sided light emission

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units
BEGA Thermal Management®

Luminaire 24 718 must be mounted with the light emission directed downwards.
These luminaires with light emission on one side emit no light into the upper half-space of the luminaires when mounted with the light emission downwards.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

DarkSky
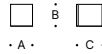
One-sided light emission

	LED		Controllable	A	B	C
24 718	9.2 W	460 lm	on/off	120	130	140
24 134	19.0 W	1195 lm	DALI	180	180	175

Two-sided light emission

	LED		Controllable	A	B	C
24 719	18.6 W	930 lm	on/off	120	130	140
24 135	36.7 W	1850 lm	DALI	180	180	175

DarkSky

Wall luminaires
One or two-sided light emission

Protection class IP 64
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Very narrow beam luminaires with optical silicone lens
on/off or DALI controllable power supply units · BEGA Thermal Management®

Narrow beam light emission must always be directed downwards during installation.
Luminaires with light emission on one side emit no light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

DarkSky
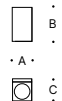
Narrow beam downwards

	LED		Controllable	β	A	B	C
33 579	2.9 W	155 lm	on/off	23°	75	130	95
33 580	5.2 W	305 lm	DALI	24°	110	190	125
33 581	10.0 W	740 lm	DALI	20°	130	230	150
24 582	19.0 W	1605 lm	DALI	16°	150	270	175

Very narrow beam upwards · **Narrow beam** downwards

	LED		Controllable	β	A	B	C
24 594	4.9 W	275 lm	on/off	13/20°	75	130	95
24 595	10.0 W	410 lm	DALI	12/16°	110	190	125
24 596	18.5 W	1040 lm	DALI	9/20°	130	230	150
24 597	35.5 W	2090 lm	DALI	9/16°	150	270	175

Narrow beam upwards and downwards

	LED		controllable	β	A	B	C
33 590	4.9 W	290 lm	on/off	23°	75	130	95
33 591	10.0 W	620 lm	DALI	24°	110	190	125
33 592	18.5 W	1445 lm	DALI	20°	130	230	150
24 593	35.5 W	3245 lm	DALI	16°	150	270	175

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Wall washers
Symmetrical or asymmetrical light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

The luminaires can be installed in any burning position.
These luminaires emit no light into the upper half-space of the luminaires when mounted
with the light emission downwards.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Symmetrical light distribution

		LED		Controllable	A	B	C
	33 360	19.0 W	2105 lm	DALI	260	75	155
	24 361	36.1 W	4755 lm	DALI	320	105	190

Asymmetrical light distribution

		LED		Controllable	A	B	C
	33 361	19.0 W	2320 lm	DALI	260	75	155
	24 362	36.1 W	4305 lm	DALI	320	105	190

Wall washers
Symmetrical or asymmetrical light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

The luminaires can be installed with light emission either upwards or downwards.
These luminaires emit no light into the upper half-space of the luminaires when mounted
with the light emission downwards.

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules
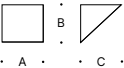
Symmetrical light distribution

		LED		Controllable	A	B	C
	24 436	23.0 W	2695 lm	DALI	165	170	180
	24 437	35.0 W	4410 lm	DALI	260	215	240

Asymmetrical light distribution

		LED		Controllable	A	B	C
	24 434	23.0 W	2645 lm	DALI	165	170	180
	24 435	35.0 W	4310 lm	DALI	260	215	240

Wall luminaires
Directed light · Asymmetrical light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

You can find emergency lighting luminaires with a single emergency lighting battery from this series on Page 275 and at bega.com/emergency-lighting

	LED		Controllable	A	B	C
22 228	3.8 W	185 lm	on/off	120	120	70
22 292	9.3 W	750 lm	on/off	160	160	95
22 256	22.8 W	1720 lm	DALI	200	200	115
22 260	38.5 W	3530 lm	DALI	280	280	150

Wall luminaires
Directed light · Asymmetrical light distribution

Protection class IP 65 · Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

These luminaires must be mounted with the light emission directed downwards. They emit less than 1% of the light into the upper half-space of the luminaires.

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

You can find emergency lighting luminaires with a single emergency lighting battery from this series on Page 275 and at bega.com/emergency-lighting

	LED		Controllable	A	B	C
24 220	9.0 W	775 lm	on/off	200	200	135
24 221	16.0 W	1380 lm	on/off	280	280	175
33 238	23.0 W	1785 lm	DALI	200	200	135
33 239	39.5 W	3660 lm	DALI	280	280	175

Wall luminaires
Directed light · Symmetrical light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units
BEGA Thermal Management®
The luminaires must be mounted with the light emission directed downwards.
They emit no light into the upper half-space of the luminaires.

Colour temperature adjustable to 3000 K or 4000 K

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of 3000 K to light with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be particularly insect-friendly. Our control devices can be used to achieve additional power reduction, see Page 433.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical light distribution

	LED		Controllable	A	B	C
24 218	9.1 W	960 lm	on/off	200	200	95
24 219	16.0 W	1775 lm	on/off	280	280	135
33 242	19.0 W	1910 lm	DALI	200	200	95
33 243	38.0 W	4200 lm	DALI	280	280	135

Symmetrical light distribution · **BEGA BugSaver®**

	LED		Controllable	A	B	C
24 779	19.4 W	1830 lm	DALI DT8, TW	200	200	95
24 780	29.1 W	2945 lm	DALI DT8, TW	280	280	135

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
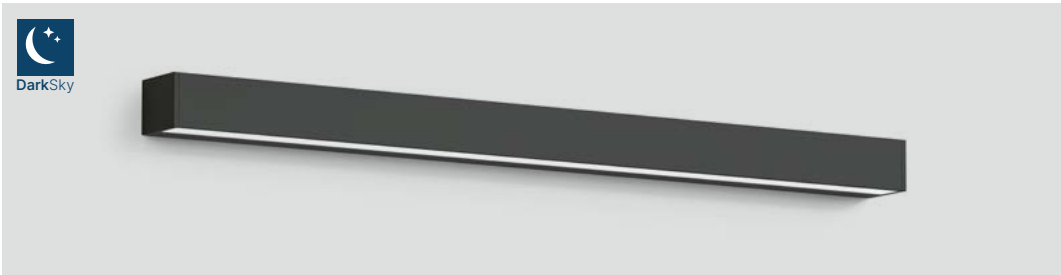
Linear wall luminaires · Wall washers
Light emission one or two sided
Symmetrical or asymmetrical light distribution

Protection class IP 65
Aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

The luminaires can be installed in any burning position.
These luminaires with one-sided light emit no light into the upper half-space
of the luminaires when mounted with the light emission downwards.

Colour temperature: 3000 K – article number + **K3** or
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

1230

930

630
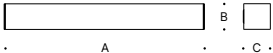
One-sided light emission

Symmetrical	LED		Controllable	A	B	C
24 585	26.5 W	2185 lm	DALI	630	105	110
24 586	39.0 W	3465 lm	DALI	930	105	110
24 587	51.0 W	4540 lm	DALI	1230	105	110
Asymmetrical	LED		Controllable	A	B	C
24 640	26.5 W	2945 lm	DALI	630	105	110
24 641	39.0 W	4550 lm	DALI	930	105	110
24 642	51.0 W	6155 lm	DALI	1230	105	110
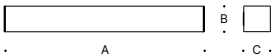
Two-sided light emission · Symmetrical upwards

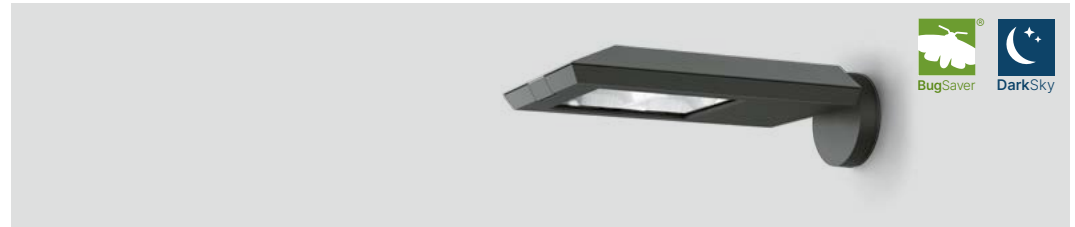| Symmetrical	LED		Controllable	A	B	C
24 588	51.0 W	4325 lm	DALI	630	105	110
24 589	74.0 W	6675 lm	DALI	930	105	110
24 605	98.0 W	9010 lm	DALI	1230	105	110
Asymmetrical	LED		Controllable	A	B	C
24 643	51.0 W	5125 lm	DALI	630	105	110
24 644	74.0 W	7870 lm	DALI	930	105	110
24 645	98.0 W	10 815 lm	DALI	1230	105	110
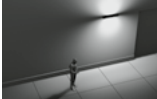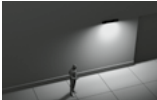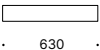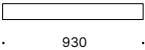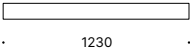
DarkSky

These luminaires of our **Dark Sky** series direct their light
onto the illuminated area with high efficiency.
No light is emitted at all into the upper half-space of the
luminaires.

bega.com/darksky

Wall washers
One-sided light emission
Symmetrical, asymmetrical or flat beam light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

The luminaires can be installed in any burning position. That allows the illumination of surfaces adjacent to the installation surface, e.g. ceilings, vaults, canopies and cantilever plates. These luminaires emit no light into the upper half-space of the luminaires when mounted with the light emission downwards.

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules
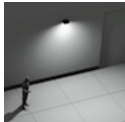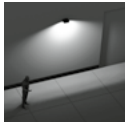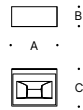
One-sided light emission						
Symmetrical	LED		Controllable	A	B	C
22 392	19.3 W	2520 lm	DALI	240	105	200
33 388	35.6 W	5040 lm	DALI	320	125	220
Asymmetrical	LED		Controllable	A	B	C
22 386	19.3 W	2130 lm	DALI	240	105	200
33 386	35.6 W	4650 lm	DALI	320	125	220
Flat beam	LED		Controllable	A	B	C
22 383	19.0 W	2275 lm	DALI	240	105	200
33 378	30.4 W	3410 lm	DALI	320	125	220

Wall washers
Two-sided light emission
Symmetrical, asymmetrical or flat beam light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
2 power supply units individually DALI controllable · BEGA Thermal Management®

The luminaires can be installed in any burning position. That allows the illumination of surfaces adjacent to the installation surface, e.g. ceilings, vaults, canopies and cantilever plates.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules
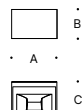
Two-sided light emission · **Symmetrical upwards**						
Symmetrical	LED		Controllable	A	B	C
33 395	39.6 W	5785 lm	DALI	250	160	200
33 389	66.0 W	9905 lm	DALI	330	180	220
Asymmetrical	LED		Controllable	A	B	C
33 394	39.6 W	5040 lm	DALI	250	160	200
33 387	66.0 W	9905 lm	DALI	330	180	220
Flat beam	LED		Controllable	A	B	C
33 393	39.0 W	4860 lm	DALI	250	160	200
33 379	63.4 W	9145 lm	DALI	330	180	220

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Wall luminaires · Surface washers
Asymmetrical or asymmetrical flat beam light distribution

Protection class IP 66
Cast aluminium · Anti-glare safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

These luminaires emit no light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of 3000 K to
light with highly reduced blue light portion to protect nocturnal insects.
This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be particularly insect-friendly.
Our control devices can be used to achieve additional power reduction, see Page 433.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Asymmetrical light distribution							
	LED		Controllable	A	B	C	D
24 488	18.8 W	2575 lm	DALI	240	60	400	170 × 105
24 489	33.5 W	4995 lm	DALI	240	60	400	170 × 105
24 490	51.0 W	7690 lm	DALI	320	75	465	185 × 105
24 491	67.0 W	10220 lm	DALI	320	75	465	185 × 105

Asymmetrical flat beam light distribution							
	LED		Controllable	A	B	C	D
24 492	18.8 W	2345 lm	DALI	240	60	400	170 × 105
24 493	33.5 W	4550 lm	DALI	240	60	400	170 × 105
24 494	51.2 W	6900 lm	DALI	320	75	465	185 × 105
24 495	67.0 W	9160 lm	DALI	320	75	465	185 × 105

Asymmetrical light distribution · BEGA BugSaver® · Colour temperature can be switched							
	LED		Controllable	A	B	C	D
24 783	33.1 W	3570 lm	DALI DT8, TW	240	60	400	170 × 105

Asymmetrical flat beam light distribution · BEGA BugSaver® · Colour temperature can be switched							
	LED		Controllable	A	B	C	D
24 784	33.2 W	3330 lm	DALI DT8, TW	240	60	400	170 × 105

These luminaires of our **Dark Sky** series direct
their light onto the illuminated area with high
efficiency. No light is emitted at all into the upper
half-space of the luminaires.

bega.com/darksky

We have developed luminaires with **BEGA
BugSaver®** technology for efficient illumination
in urban and natural environments. This system
allows a switch-over to amber light, which is far
less attractive to insects.

bega.com/bugsaver

Wall luminaires · Surface washers
Asymmetrical or asymmetrical flat beam light distribution

Protection class IP 66 · Cast aluminium · Anti-glare safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Attack angle adjustable from to 0° or 15° · Can be opened without tools
DALI controllable power supply units · BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires if the attack angle of the luminaire is set to 0°.

Colour temperature adjustable to 3000 K or 4000 K

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of 3000 K to light with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be particularly insect-friendly. Our control devices can be used to achieve additional power reduction, see Page 433.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical light distribution							
	LED		Controllable	A	B	C	D
24 350	16.0 W	1840 lm	DALI	255	60	410	130
66 451	36.0 W	4615 lm	DALI	255	60	410	130
66 452	70.2 W	8750 lm	DALI	340	75	610	170

Asymmetrical flat beam light distribution							
	LED		Controllable	A	B	C	D
66 453	15.2 W	1590 lm	DALI	255	60	410	130
66 455	19.0 W	2245 lm	DALI	255	60	410	130
66 457	36.5 W	4195 lm	DALI	255	60	410	130
66 463	71.0 W	8960 lm	DALI	340	75	610	170

Asymmetrical light distribution · **BEGA BugSaver®** · Colour temperature can be switched							
	LED		Controllable	A	B	C	D
24 781	33.1 W	3440 lm	DALI DT8, TW	255	60	410	130

Asymmetrical flat beam light distribution · **BEGA BugSaver®** · Colour temperature can be switched							
	LED		Controllable	A	B	C	D
24 782	33.6 W	3190 lm	DALI DT8, TW	255	60	410	130

Wall luminaires · Surface washers
Asymmetrical light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Attack angle adjustable from – 30° to +90° in 10° increments
DALI controllable power supply units · BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires if the attack angle of the luminaire is set to 0°.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules
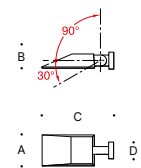
Asymmetrical light distribution							
	LED		Controllable	A	B	C	D
24 351	25.0 W	3255 lm	DALI	225	105	485	130
24 816	58.5 W	7060 lm	DALI	225	105	485	130
24 352	106.0 W	12 580 lm	DALI	315	115	570	130

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Floodlights · Overview

Our extensive and efficient floodlight series offers solutions for complex lighting requirements.
To help you get started quickly with the performance class and application range of your choice, this overview provides good orientation. Comprehensive information about each floodlight type can be found on our website and in the luminaires' associated data sheets.

bega.com/floodlights

Page	112	112	112	113	113
	Garden floodlight for private use	**Garden floodlight for private use**	**Garden floodlight for private use**	**Garden floodlight for private use**	**Garden floodlight for private use**
Controllable	on/off	1 E 27 LED lamp	on/off	on/off	on/off
Colour temperature	3000 K	3000 K	3000 K	3000 K	3000 K
Luminaire lum. flux	965 lm	515 lm	770 · 790 lm	345 · 630 lm	960 lm
Size	Width: 300 mm	Ø 150 mm	Ø 135 mm	Ø 100 mm	Width: 165 mm
Installation options	· Mounting box	· Mounting box	· Mounting box	· Mounting box · Ring base with 5 m connection cable and mains plug Type F/E · Earth spike with 5 m connecting cable and mains plug Type F/E	· Mounting box · Earth spike with 5 m connection cable and mains plug Type F/E
Light distribution / half beam angle	35°	93°	22·62°	50°	70/90°

Page	128	130	132	133
	Surface floodlights	**Performance floodlights**	**Surface floodlights**	**High-performance floodlights**
Controllable	on/off · DALI controllable	on/off · DALI controllable	on/off · DALI controllable	DALI controllable
Colour temperature	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K	2200 K · 3000 K · 4000 K
Luminaire lum. flux	1020–8385 lm	1550–10425 lm	1340–2660 lm	11070–41000 lm
Size	Width: 165 · 230 · 290 mm	Width: 140 · 175 · 250 mm	Width: 180 · 260 mm	Width: 525 · 620 mm
Installation options	· Mounting box · Outrigger arm and mounting box · G½ connecting thread · Connection adapter · Earth spike	· Mounting box · G½ threaded connection · Connection adapter · Earth spike	· Mounting box · Outrigger arm and mounting box · G½ threaded connection	· Mounting bracket
Light distribution / half beam angle		20–44°		

Light distribution ⊞ Symmetrical   ⊡ Asymmetrical   ⊟ Flat beam   Adjustable zoom optics   RGBW

Installation options for BEGA floodlights

Our floodlight series offers maximum flexibility – including their installation. We supply ready for connection solutions for any installation situation.

Accessories for floodlights with G½ threaded connection according to ISO 228 and connection adapters extend this range.

Mounting box
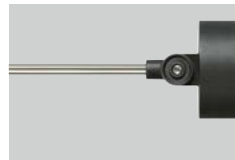
Outrigger arm and mounting box

G½ threaded connection ISO 228

Connection adapter

Earth spike

Adapter for profile pole

114

Compact floodlights

on/off · DALI controllable
3000 K · 4000 K
495–8990 lm
Ø 100 · 120 · 150 · 180 · 255 mm
· Mounting box
· G½ threaded connection
· Connection adapter
· Earth spike
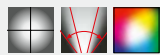
8–61°   14–59°

118

Performance floodlights

on/off · DALI controllable
3000 K · 4000 K
495–8990 lm
Ø 95 · 115 · 145 · 175 · 250 mm
· Mounting box
· G½ threaded connection
· Connection adapter
· Earth spike
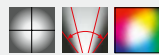
8–61°   14–59°

122

Performance floodlights

on/off · DALI controllable
3000 K · 4000 K
490–8270 lm
Ø 145 · 175 · 210 mm
· Mounting box
· Outrigger arm and mounting box
· G½ connecting thread
· Earth spike

24–64°

124

Gobo-floodlights

DALI controllable
3000 K · 4000 K

Ø 145 · 175 mm
· Mounting box
· G½ connecting thread

10–30°

126

High-performance floodlights

DALI controllable
2200 K · 3000 K · 4000 K
3800–42 230 lm
Ø 375 · 495 mm
· Mounting bracket

5–48°

134

Façade floodlights

DALI controllable
3000 K · 4000 K
485–2815 lm
Width: 520 · 1000 mm
· Mounting plate
· Wall outrigger arms

135

Façade floodlights

DALI controllable
3000 K · 4000 K
820–3745 lm
Width: 475 · 900 mm
· Mounting bracket

137

On-ground floodlights

DALI controllable
3000 K · 4000 K
2555–2810 lm
Ø 205 mm
· Mounting plate

28°

2 floodlights on a cross beam
For private use

Protection class IP 65
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
on/off power supply units · BEGA Thermal Management®
Burning position adjustment without tools

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
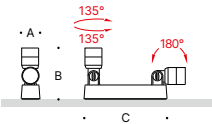
2 floodlights on a cross beam

	LED		Controllable	β		A	B	C
84 580	12.5 W	965 lm	on/off	35°		60	175	300×70

Floodlights with mounting box
For private use

Protection class IP 65 · Safety class II
Glass-fibre reinforced synthetic material · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
The burning position can be adjusted and the lamps replaced without tools.

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434.

Luminaire colour · Graphite

20-year availability guarantee for replacements
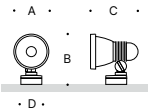
Floodlights with mounting box

	LED lamp included		Socket	β		A	B	C	D
84 259	1 × 8.0 W	515 lm	E 27	93°		150	215	200	90

Floodlights with mounting box
For private use

Protection class IP 65
Cast aluminium · Safety glass
Reflector with diffusing lens · Reflector surface made of pure aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · Graphite

20-year availability guarantee for replacement parts and LED modules
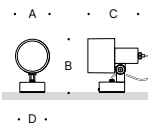
Floodlights with mounting box

	LED		Controllable	β		A	B	C	D
84 807	9.4 W	790 lm	on/off	22°		135	215	200	100
84 768	9.4 W	770 lm	on/off	62°		135	215	200	100

● New in the range   ● No longer included in the current catalogue   β = Half beam angle

Floodlights with mounting box, earth spike or ring base
For private use

Protection class IP 65
Cast aluminium · Safety glass
Reflector with diffusing lens · Reflector surface made of pure aluminium
BEGA Constant Optics®
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

Floodlights with earth spike or ring base ready for connection with
5 m connecting cable and mains plug Type F/E

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
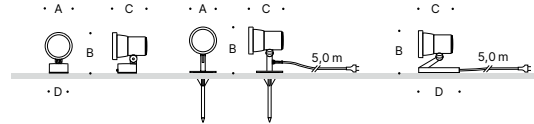
Floodlights **with mounting box**

	LED		Controllable	β	A	B	C	D
85 006	7.2 W	630 lm	on/off	50°	100	155	130	70

Floodlights **with earth spike**

	LED		Controllable	β	A	B	C
85 282	3.7 W	345 lm	on/off	50°	100	175	130
85 009	7.2 W	630 lm	on/off	50°	100	175	130

Floodlight **with ring base**

	LED		Controllable	β	A	B	C	D
85 010	7.2 W	630 lm	on/off	50°	100	175	130	175

A practical cable winder makes it possible to wind up the connecting cable in the ring base.

Floodlights with mounting box or earth spike
For private use

Protection class IP 65
Glass-fibre reinforced synthetic material · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA AC module
BEGA Thermal Management®

Burning position adjustment without tools

Floodlights with earth spike ready for connection with
5 m connecting cable and mains plug Type F/E

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · Graphite

20-year availability guarantee for replacement parts and LED modules
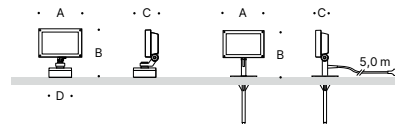
Floodlights **with mounting box**

	LED		Controllable	β	A	B	C	D
84 360	10.0 W	960 lm	on/off	70/90°	165	190	100	90

Floodlights **with earth spike**

	LED		Controllable	β	A	B	C
84 361	10.0 W	960 lm	on/off	70/90°	165	185	50

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Compact floodlights

Conventional optical system

BEGA Ultradark Optics®

Compact floodlights with mounting box

Protection class IP 65
Cast aluminium · Safety glass · Reflector surface made of pure aluminium
Optical lens made from BEGA NeoGlass®
Compact floodlight with BEGA Ultradark Optics®: internal louvres with ultra-black nanocoating for maximum light absorption and optical lens made of BEGA NeoGlass®
BEGA Ultimate Driver® · on/off or DALI controllable · BEGA Thermal Management®

Shields and diffuser lenses that alter the light distribution are available as accessories for these floodlights.
These can be used individually or in combination.

The RGBW-luminaires can be controlled via a DALI colour light control (DT 8, RGBWAF, xy, TC).
Matching DALI system components can be found on Pages 428 to 433.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· 100 ·   · 120 ·   · 150 ·   · 180 ·   · 255 ·

· A ·   · C ·
B
· D ·

Compact floodlights **with mounting box** · BEGA Hybrid Optics®

				Controllable	β	A	B	C	D
Focused	LED								
84 944	10.0 W	525 lm		on/off	9°	100	150	130	70
84 945	12.3 W	600 lm		DALI	8°	120	190	140	100
84 946	28.5 W	1610 lm		DALI	10°	150	220	140	100
84 948	40.5 W	2710 lm		DALI	10°	180	245	155	100
84 950	78.0 W	4985 lm		DALI	12°	255	330	220	130
84 949	114.0 W	6155 lm		DALI	10°	255	330	220	130
Wide beam									
84 951	9.5 W	925 lm		on/off	21°	100	150	130	70
84 952	11.8 W	1095 lm		DALI	20°	120	190	140	100
84 953	26.8 W	2460 lm		DALI	24°	150	220	140	100
84 954	40.0 W	3830 lm		DALI	25°	180	245	155	100
84 956	76.1 W	7835 lm		DALI	27°	255	330	220	130
84 955	108.0 W	8860 lm		DALI	26°	255	330	220	130
Very wide beam									
84 957	9.5 W	915 lm		on/off	48°	100	150	130	70
84 958	11.8 W	1095 lm		DALI	45°	120	190	140	100
84 959	26.8 W	2470 lm		DALI	45°	150	220	140	100
84 960	40.0 W	3835 lm		DALI	54°	180	245	155	100
84 962	76.1 W	7885 lm		DALI	61°	255	330	220	130
84 961	108.0 W	8790 lm		DALI	47°	255	330	220	130

Accessories

71 278	71 283	71 288
71 279	71 284	71 289
71 280	71 285	71 290
71 281	71 286	71 291
71 282	71 287	71 292
71 282	71 287	71 292
71 278	71 283	71 288
71 279	71 284	71 289
71 280	71 285	71 290
71 281	71 286	71 291
71 282	71 287	71 292
71 282	71 287	71 292
71 278	71 283	71 288
71 279	71 284	71 289
71 280	71 285	71 290
71 281	71 286	71 291
71 282	71 287	71 292
71 282	71 287	71 292

Compact floodlights **with mounting box** · BEGA Ultradark Optics®

	LED			Controllable	β	A	B	C	D
Focused wide beam									
85 080	20.5 W	1540 lm		DALI	25°	150	220	140	100
85 081	28.0 W	1970 lm		DALI	25°	180	245	155	100
85 082	60.0 W	4095 lm		DALI	25°	255	330	220	130
Focused very wide beam									
85 108	20.5 W	1095 lm		DALI	56°	150	220	140	100
85 109	28.0 W	1425 lm		DALI	56°	180	245	155	100
85 110	60.0 W	2970 lm		DALI	56°	255	330	220	130

Accessories

71 280	71 285
71 281	71 286
71 282	71 287
71 280	71 285
71 281	71 286
71 282	71 287

Compact floodlights **with mounting box** · Zoom optics with adjustable light distribution

	LED			Controllable	β	A	B	C	D
84 811	12.5 W	495–795 lm		DALI	14°–52°	120	190	140	100
84 812	28.5 W	1305–2085 lm		DALI	15°–52°	150	220	140	100
84 813	40.5 W	1385–2720 lm		DALI	14°–59°	180	245	155	100

Accessories

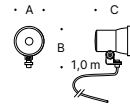|		
71 279	71 284	71 289
71 280	71 285	71 290
71 281	71 286	71 291

RGBW compact floodlights **with mounting box** · BEGA Constant Optics®

				Controllable	β	A	B	C	D
Wide beam	LED								
84 963	24.0 W	1285 lm		DALI DT8	24°	150	220	140	100
84 964	38.6 W	2515 lm		DALI DT8	24°	180	245	155	100
Very wide beam									
84 965	24.0 W	1295 lm		DALI DT8	50°	150	220	140	100
84 966	38.6 W	2075 lm		DALI DT8	50°	180	245	155	100

Accessories

71 280	71 285	71 290
71 281	71 286	71 291
71 280	71 285	71 290
71 281	71 286	71 291

β = Half beam angle   ◹ Shield   ▢ Cylinder shield   ▭ Diffuser lenses flat beam

· 120 ·   · 150 ·   · 180 ·   255

Compact floodlight with G½ threaded connection · ISO 228

Protection class IP 65
Cast aluminium · Safety glass · Reflector surface made of pure aluminium
1.0 m connecting cable with free cable ends
optical lens made of BEGA NeoGlass®
Compact floodlights with BEGA Ultradark Optics®: internal louvres with ultra-black nanocoating
for maximum light absorption and optical lens made of BEGA NeoGlass®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

Shields and diffuser lenses for altering the light distribution are available as accessories for these floodlights.
These can be used individually or in combination.

Other accessories can be found on Page 442 to 443.

The RGBW-luminaires can be controlled via a DALI colour light control (DT 8, RGBWAF, xy, TC).
Matching DALI system components can be found on Pages 428 to 433.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· A ·   · C ·
B
· 1,0 m

Compact floodlights **with G½ threaded connection** · BEGA Hybrid Optics®									Accessories		
Focused	LED		Controllable	β	A	B	C				
84 923	12.3 W	600 lm	DALI	8°	120	175	140		71 279	71 284	71 289
84 924	28.5 W	1610 lm	DALI	10°	150	205	140		71 280	71 285	71 290
84 925	40.5 W	2710 lm	DALI	10°	180	230	155		71 281	71 286	71 291
84 927	78.0 W	4985 lm	DALI	11°	255	315	220		71 282	71 287	71 292
84 926	114.0 W	6155 lm	DALI	10°	255	315	220		71 282	71 287	71 292
Wide beam											
84 929	11.8 W	1095 lm	DALI	20°	120	175	140		71 279	71 284	71 289
84 930	26.8 W	2460 lm	DALI	24°	150	205	140		71 280	71 285	71 290
84 931	40.0 W	3830 lm	DALI	25°	180	230	155		71 281	71 286	71 291
84 933	76.1 W	7835 lm	DALI	27°	255	315	220		71 282	71 287	71 292
84 932	108.0 W	8860 lm	DALI	26°	255	315	220		71 282	71 287	71 292
Very wide beam											
84 935	11.8 W	1095 lm	DALI	45°	120	175	140		71 279	71 284	71 289
84 936	26.8 W	2470 lm	DALI	45°	150	205	140		71 280	71 285	71 290
84 937	40.0 W	3835 lm	DALI	54°	180	230	155		71 281	71 286	71 291
84 939	76.1 W	7885 lm	DALI	61°	255	315	220		71 282	71 287	71 292
84 938	108.0 W	8790 lm	DALI	47°	255	315	220		71 282	71 287	71 292

Compact floodlights **with G½ threaded connection** · BEGA Ultradark Optics®									Accessories	
Focused **wide beam**	LED		Controllable	β	A	B	C			
85 084	20.5 W	1540 lm	DALI	25°	150	205	140		71 280	71 285
85 085	28.0 W	1970 lm	DALI	25°	180	230	155		71 281	71 286
85 086	60.0 W	4095 lm	DALI	25°	255	315	220		71 282	71 287
Focused very wide beam										
85 111	20.5 W	1095 lm	DALI	56°	150	205	140		71 280	71 285
85 112	28.0 W	1425 lm	DALI	56°	180	230	155		71 281	71 286
85 113	60.0 W	2970 lm	DALI	56°	255	315	220		71 282	71 287

Compact floodlights **with G½ threaded connection** · Zoom optics with adjustable light distribution									Accessories		
	LED		Controllable	β	A	B	C				
84 116	12.5 W	495–795 lm	DALI	14°–52°	120	175	140		71 279	71 284	71 289
84 117	28.5 W	1305–2085 lm	DALI	15°–52°	150	205	140		71 280	71 285	71 290
84 118	40.5 W	1385–2720 lm	DALI	14°–59°	180	230	155		71 281	71 286	71 291

RGBW-compact floodlights **with G½ threaded connection** · BEGA Constant Optics®									Accessories		
Wide beam	LED		Controllable	β	A	B	C				
84 940	24.0 W	1285 lm	DALI DT8	24°	150	205	140		71 280	71 285	71 290
84 941	38.6 W	2515 lm	DALI DT8	24°	180	230	155		71 281	71 286	71 291
Very wide beam											
84 942	24.0 W	1295 lm	DALI DT8	50°	150	205	140		71 280	71 285	71 290
84 943	38.6 W	2075 lm	DALI DT8	50°	180	230	155		71 281	71 286	71 291

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
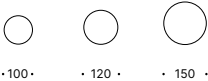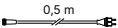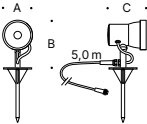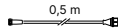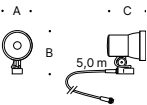instructions for use and data sheets on our website.

BEGA UniLink® **compact floodlights**
• with earth spike
• with connection adapter

Protection class IP 65
Cast aluminium · Safety glass · Reflector surface made of pure aluminium
Optical lens made of BEGA NeoGlass®
BEGA Hybrid Optics®
Earth spike made of glass-fibre reinforced synthetic material
on/off power supply units · BEGA Thermal Management®

Shields and diffuser lenses for altering the light distribution are available as accessories
for these floodlights. These can be used individually or in combination.
You will find additional accessories on Page 117.

BEGA UniLink® luminaires are factory-fitted with a five-metre connecting cable with a waterproof
BEGA UniLink® plug connector. These can be connected as needed to BEGA UniLink® extension cables
or BEGA UniLink® five-way distribution boxes.
An overview of all available national mains plugs and BEGA UniLink®
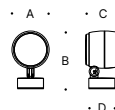accessories can be found on Page 438.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

Floodlights with earth spike
Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· 100 ·   · 120 ·   · 150 ·

· A ·   · C ·
B   5,0 m

0,5 m

BEGA UniLink® compact floodlights **with earth spike** — Accessories

Very wide beam	LED		Controllable	β	A	B	C	Mains plug		71 279	71 284	71 289
85 022	14.0 W	1265 lm	on/off	45°	120	200	140	**71 180**	Type F/E	71 279	71 284	71 289
85 023	27.0 W	2470 lm	on/off	45°	150	230	140	**71 180**	Type F/E	71 280	71 285	71 290

· A ·   · C ·
B   5,0 m

0,5 m

BEGA UniLink® compact floodlights **with connection adapter** — Accessories

Very wide beam	LED		Controllable	β	A	B	C	Mains plug		71 278	71 283	71 288
85 019	9.5 W	915 lm	on/off	48°	100	140	130	**71 180**	Type F/E	71 278	71 283	71 288
85 020	14.0 W	1265 lm	on/off	45°	120	165	140	**71 180**	Type F/E	71 279	71 284	71 289
85 021	27.0 W	2470 lm	on/off	45°	150	195	140	**71 180**	Type F/E	71 280	71 285	71 290

β = Half beam angle   ◹ Shield   ▢ Cylinder shield   ▭ Diffuser lenses flat beam

System components and accessories for BEGA UniLink® floodlights

Every **BEGA UniLink® luminaire** is equipped with a five-metre-long connecting cable with a waterproof plug connector. Using the mains plug specific to your region, you can connect the individual luminaires to an outdoor socket or alternatively use a connecting cable with loose cable ends for fixed installation. With **BEGA UniLink® system components** such as extension cables and five-way distribution boxes, BEGA UniLink® luminaires can be individually extended or added to lighting systems.
The maximum distance of a BEGA UniLink® luminaire from the power source should not exceed 50 metres.

BEGA UniLink® floodlights with connection adapter can easily be installed at nearly any location of your choice using tube clamp, lashing strap, screw clamp, G½ fastener or a fastener with a screw thread.

| Mains plug | Connecting cable | Extension cable | Five-way distribution box |

BEGA UniLink® **mains plug**

		mainly used in
71 180	Type F	**Germany** and **Europe** ("Schuko plug")
	Type E	**France** and **Belgium**
71 181	Type G	**UK** ("Commonwealth plug")
71 182	Type J	**Switzerland** and **Liechtenstein**
71 184	Type K	**Denmark**
71 183	Type L	**Italy**

| Type F/E | Type G | Type J | Type K | Type L |

BEGA UniLink® **connecting cables**

71 256	Connecting cable with free cable ends	0.5 m
71 247	Connecting cable with free cable ends	5.0 m

BEGA UniLink® **extension cables**

71 186	Extension cable	5 m
71 187	Extension cable	10 m
71 188	Extension cable	20 m

BEGA UniLink® **five-way distribution box**

71 189	Five-way distribution box

| 71225 | 71223 | 71227 | 71226 | 71224 |

Accessories for BEGA UniLink® floodlights with connection adapter

71 225	Lashing strap with connection adapter
71 223	Screw clamp with connection adapter
71 227	G½ fastener with connection adapter
71 226	General fastener with connection adapter
71 224	Tube clamp with connection adapter

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Performance floodlights

Conventional optical system

BEGA Ultradark Optics®

· 95 · · 115 · · 145 · · 175 · · 250 ·

Performance floodlights with mounting box

Protection class IP 65
Cast aluminium · Safety glass · Reflector surface made of pure aluminium
Optical lens made of BEGA NeoGlass®
Performance floodlights with BEGA Ultradark Optics®: internal louvres with ultra-black nanocoating for maximum light absorption and optical lens made of BEGA NeoGlass®
BEGA Ultimate Driver® · on/off or DALI controllable · BEGA Thermal Management®

Shields and diffuser lenses for altering the light distribution are available as accessories for these floodlights.
These can be used individually or in combination.

The RGBW-luminaires can be controlled via a DALI colour light control (DT 8, RGBWAF, xy, TC).
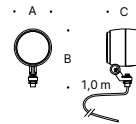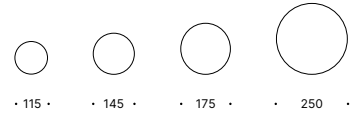Matching DALI system components can be found on Pages 428 to 433.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· A · · C ·
B
· D ·

Performance floodlights **with mounting box** · BEGA Hybrid Optics®

				Controllable	β	A	B	C	D		Accessories		
Focused	LED												
85 124	10.0 W		525 lm	on/off	9°	95	155	95	70		71 330	71 335	71 288
85 125	12.3 W		600 lm	DALI	8°	115	200	105	100		71 331	71 336	71 289
85 126	28.5 W		1610 lm	DALI	10°	145	225	130	100		71 332	71 337	71 290
85 127	40.5 W		2710 lm	DALI	10°	175	255	150	100		71 333	71 338	71 291
85 129	78.0 W		4985 lm	DALI	11°	250	350	185	130		71 334	71 339	71 292
85 128	114.0 W		6155 lm	DALI	10°	250	350	185	130		71 334	71 339	71 292
Wide beam													
85 130	9.5 W		925 lm	on/off	21°	95	155	95	70		71 330	71 335	71 288
85 131	11.8 W		1095 lm	DALI	20°	115	200	105	100		71 331	71 336	71 289
85 132	26.8 W		2460 lm	DALI	24°	145	225	130	100		71 332	71 337	71 290
85 133	40.0 W		3830 lm	DALI	25°	175	255	150	100		71 333	71 338	71 291
85 135	76.1 W		7835 lm	DALI	27°	250	350	185	130		71 334	71 339	71 292
85 134	108.0 W		8860 lm	DALI	26°	250	350	185	130		71 334	71 339	71 292
Very wide beam													
85 136	9.5 W		915 lm	on/off	48°	95	155	95	70		71 330	71 335	71 288
85 137	11.8 W		1095 lm	DALI	45°	115	200	105	100		71 331	71 336	71 289
85 138	26.8 W		2470 lm	DALI	45°	145	225	130	100		71 332	71 337	71 290
85 139	40.0 W		3835 lm	DALI	54°	175	255	150	100		71 333	71 338	71 291
85 141	76.1 W		7885 lm	DALI	61°	250	350	185	130		71 334	71 339	71 292
85 140	108.0 W		8790 lm	DALI	47°	250	350	185	130		71 334	71 339	71 292

Performance floodlights **with mounting box** · BEGA Ultradark Optics®

			Controllable	β	A	B	C	D		Accessories	
Focused wide beam	LED										
85 232	20.5 W	1540 lm	DALI	25°	145	225	130	100		71 332	71 337
85 234	28.0 W	1970 lm	DALI	25°	175	255	150	100		71 333	71 338
85 236	60.0 W	4095 lm	DALI	25°	250	350	185	130		71 334	71 339
Focused very wide beam											
85 233	20.5 W	1095 lm	DALI	56°	145	225	130	100		71 332	71 337
85 235	28.0 W	1425 lm	DALI	56°	175	255	150	100		71 333	71 338
85 237	60.0 W	2970 lm	DALI	56°	250	350	185	130		71 334	71 339

Performance floodlights **with mounting box** · Zoom optics with adjustable light distribution

	LED		Controllable	β	A	B	C	D		Accessories		
85 142	12.5 W	495–795 lm	DALI	14°–52°	115	200	105	100		71 331	71 336	71 289
85 143	28.5 W	1305–2085 lm	DALI	15°–52°	145	225	130	100		71 332	71 337	71 290
85 144	40.5 W	1385–2720 lm	DALI	14°–59°	175	255	150	100		71 333	71 338	71 291

RGBW performance floodlights **with mounting box** · BEGA Constant Optics®

	LED		Controllable	β	A	B	C	D		Accessories		
Wide beam	LED											
85 145	24.0 W	1285 lm	DALI DT 8	24°	145	225	130	100		71 332	71 337	71 290
85 146	38.6 W	2515 lm	DALI DT 8	24°	175	255	150	100		71 333	71 338	71 291
Very wide beam												
85 147	24.0 W	1295 lm	DALI DT 8	50°	145	225	130	100		71 332	71 337	71 290
85 148	38.6 W	2075 lm	DALI DT 8	50°	175	255	150	100		71 333	71 338	71 291

β = Half beam angle   Shield   Cylinder shield   Diffuser lenses flat beam
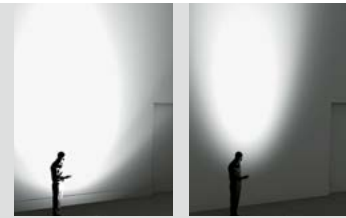
Conventional
optical system

BEGA Ultradark Optics®

Performance floodlights with G½ threaded connection · ISO 228

Protection class IP 65
Cast aluminium · Safety glass · Reflector surface made of pure aluminium
1.0 m connecting cable with free cable ends
Optical lens made of BEGA NeoGlass®
Performance floodlights with BEGA Ultradark Optics®: internal louvres with ultra-black nanocoating for maximum light absorption
and optical lens made of BEGA NeoGlass®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
Shields and diffuser lenses for altering the light distribution are available as accessories for these floodlights.
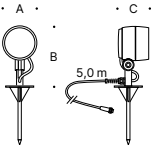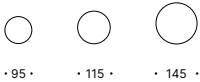These can be used individually or in combination.

Other accessories can be found on Page 442 to 443.

The RGBW-luminaires can be controlled via a DALI colour light control (DT 8, RGBWAF, xy, TC).
Matching DALI system components can be found on Pages 428 to 433.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· 115 ·   · 145 ·   · 175 ·   250

· A ·   · C ·
      B
      · 1,0 m

Performance floodlights **with G½ threaded connection** · BEGA Hybrid Optics®

			Controllable	β	A	B	C		Accessories	
Focused	LED										
85 149	12.3 W	600 lm	DALI	8°	115	185	105		71 331	71 336	71 289
85 150	28.5 W	1610 lm	DALI	10°	145	210	130		71 332	71 337	71 290
85 151	40.5 W	2710 lm	DALI	10°	175	240	150		71 333	71 338	71 291
85 153	78.0 W	4985 lm	DALI	11°	250	335	185		71 334	71 339	71 292
85 152	114.0 W	6155 lm	DALI	10°	250	335	185		71 334	71 339	71 292
Wide beam											
85 154	11.8 W	1095 lm	DALI	20°	115	185	105		71 331	71 336	71 289
85 155	26.8 W	2460 lm	DALI	24°	145	210	130		71 332	71 337	71 290
85 156	40.0 W	3830 lm	DALI	25°	175	240	150		71 333	71 338	71 291
85 158	76.1 W	7835 lm	DALI	27°	250	335	185		71 334	71 339	71 292
85 157	108.0 W	8860 lm	DALI	26°	250	335	185		71 334	71 339	71 292
Very wide beam											
85 159	11.8 W	1095 lm	DALI	45°	115	185	105		71 331	71 336	71 289
85 160	26.8 W	2470 lm	DALI	45°	145	210	130		71 332	71 337	71 290
85 161	40.0 W	3835 lm	DALI	54°	175	240	150		71 333	71 338	71 291
85 163	76.1 W	7885 lm	DALI	61°	250	335	185		71 334	71 339	71 292
85 162	108.0 W	8790 lm	DALI	47°	250	335	185		71 334	71 339	71 292

Performance floodlights **with G½ threaded connection** · BEGA Ultradark Optics®

|			Controllable	β	A	B	C		Accessories	
Focused wide beam	LED									
85 238	20.5 W	1540 lm	DALI	25°	145	210	130		71 332	71 337
85 240	28.0 W	1970 lm	DALI	25°	175	240	150		71 333	71 338
85 242	60.0 W	4095 lm	DALI	25°	250	355	185		71 334	71 339
Focused very wide beam										
85 239	20.5 W	1095 lm	DALI	56°	145	210	130		71 332	71 337
85 241	28.0 W	1425 lm	DALI	56°	175	240	150		71 333	71 338
85 243	60.0 W	2970 lm	DALI	56°	250	335	185		71 334	71 339

Performance floodlight **with G½ threaded connection · Zoom optics with adjustable** light distribution

	LED		Controllable	β	A	B	C		Accessories	
85 164	12.5 W	495–795 lm	DALI	14°–52°	115	185	105		71 331	71 336	71 289
85 165	28.5 W	1305–2085 lm	DALI	15°–52°	145	210	130		71 332	71 337	71 290
85 166	40.5 W	1385–2720 lm	DALI	14°–59°	175	240	150		71 333	71 338	71 291

RGBW-performance floodlights **with G ½ threaded connection** · BEGA Constant Optics®

	LED		Controllable	β	A	B	C		Accessories	
Wide beam											
85 167	24.0 W	1285 lm	DALI DT 8	24°	145	210	130		71 332	71 337	71 290
85 168	38.6 W	2515 lm	DALI DT 8	24°	175	240	150		71 333	71 338	71 291
Very wide beam											
85 169	24.0 W	1295 lm	DALI DT 8	50°	145	210	130		71 332	71 337	71 290
85 170	38.6 W	2075 lm	DALI DT 8	50°	175	240	150		71 333	71 338	71 291

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

BEGA UniLink® **performance floodlights**
• with earth spike
• with connection adapter

Protection class IP 65
Cast aluminium · Safety glass · Reflector surface made of pure aluminium
Optical lens made of BEGA NeoGlass®
BEGA Hybrid Optics®
Earth spike made of glass-fibre reinforced synthetic material
on/off power supply units · BEGA Thermal Management®

Shields and diffuser lenses for altering the light distribution are available as accessories for these floodlights.
These can be used individually or in combination.
You will find additional accessories on Page 121.

BEGA UniLink® luminaires are factory-fitted with a five-metre connecting cable with a waterproof
BEGA UniLink® plug connector. These can be connected as needed to BEGA UniLink® extension cables or
BEGA UniLink® five-way distribution boxes.
An overview of all available national mains plugs and BEGA UniLink® accessories can be found on Page 438.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

Floodlights with earth spike
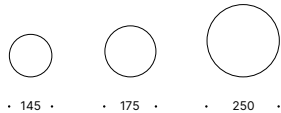Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· 95 ·   · 115 ·   · 145 ·

BEGA UniLink® performance floodlights **with earth spike**								Accessories		
Very wide beam	LED		Controllable	β	A	B	C	Mains plug		
85 174	14.0 W	1265 lm	on/off	45°	115	200	105	**71 180** Type F/E		
85 175	27.0 W	2470 lm	on/off	45°	145	225	130	**71 180** Type F/E		
								71 331	71 336	71 289
								71 332	71 337	71 290
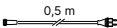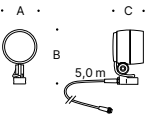
BEGA UniLink® performance floodlights **with connection adapter**								Accessories		
Very wide beam	LED		Controllable	β	A	B	C	Mains plug		
85 171	9.5 W	915 lm	on/off	48°	95	145	95	**71 180** Type F/E		
85 172	14.0 W	1265 lm	on/off	45°	115	175	105	**71 180** Type F/E		
85 173	27.0 W	2470 lm	on/off	45°	145	205	130	**71 180** Type F/E		
								71 330	71 335	71 288
								71 331	71 336	71 289
								71 332	71 337	71 290

β = Half beam angle   Shield   Cylinder shield   Diffuser lenses flat beam

System components and accessories for BEGA UniLink® floodlights

Every **BEGA UniLink® luminaire** is equipped with a five-metre-long connecting cable with a waterproof plug connector. Using the mains plug specific to your region, you can connect the individual luminaires to an outdoor socket or alternatively use a connecting cable with loose cable ends for fixed installation. With **BEGA UniLink® system components** such as extension cables and five-way distribution boxes, BEGA UniLink® luminaires can be individually extended or added to lighting systems.
The maximum distance of a BEGA UniLink® luminaire from the power source should not exceed 50 metres.

BEGA UniLink® floodlights with connection adapter can easily be installed at nearly any location of your choice using tube clamp, lashing strap, screw clamp, G½ fastener or a fastener with a screw thread.

0,5 m

Mains plug | Connecting cable | Extension cable | Five-way distribution box

BEGA UniLink® mains plug

		mainly used in
71 180	Type F	**Germany** and **Europe** ("Schuko plug")
	Type E	**France** and **Belgium**
71 181	Type G	**UK** ("Commonwealth plug")
71 182	Type J	**Switzerland** and **Liechtenstein**
71 184	Type K	**Denmark**
71 183	Type L	**Italy**

Type F/E | Type G | Type J | Type K | Type L

BEGA UniLink® connecting cables

71 256	Connecting cable with free cable ends	0.5 m
71 247	Connecting cable with free cable ends	5.0 m

BEGA UniLink® extension cables

71 186	Extension cable	5 m
71 187	Extension cable	10 m
71 188	Extension cable	20 m

BEGA UniLink® five-way distribution box

71 189	Five-way distribution box

Accessories for BEGA UniLink® floodlights with connection adapter

71 225	Lashing strap with connection adapter
71 223	Screw clamp with connection adapter
71 227	G½ fastener with connection adapter
71 226	General fastener with connection adapter
71 224	Tube clamp with connection adapter

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

BEGA UniLink® performance floodlights

High-performance floodlights
• with mounting box
• with G½ threaded connection · ISO 228
• with earth spike

Cast aluminium · Safety glass · Reflector surface made of pure aluminium
Optical silicone lens · BEGA Hybrid Optics®
Luminaires with G½ threaded connection: 1.0 m connecting cable with free cable ends
on/off or DALI controllable power supply units · BEGA Thermal Management®

Shields and diffuser lenses for altering the light distribution are available as accessories
for these performance floodlights. These can be used individually or in combination.
Other accessories can be found on Page 442 to 443.

Outrigger luminaires in this series can be found on Page 136.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

Floodlights with earth spike
Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· 145 ·   · 175 ·   · 250 ·

· A ·   · C ·
B
· D ·
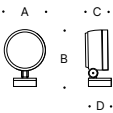
Performance floodlights **with mounting box**									Accessories		
Wide beam	LED		Controllable	β	A	B	C	D			
84 505	40.0 W	3825 lm	DALI	24°	175	255	100	100	**71 111**	**71 113**	**71 112**
84 545	77.2 W	8145 lm	DALI	27°	250	350	140	130	**71 072**	**71 074**	**71 073**
Very wide beam											
84 506	40.0 W	3855 lm	DALI	64°	175	255	100	100	**71 111**	**71 113**	
84 546	77.2 W	8050 lm	DALI	57°	250	350	140	130	**71 072**	**71 074**	
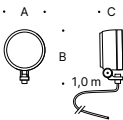
· A ·   · C ·
B
· 1,0 m ·

Performance floodlights **with G½ threaded connection**								Accessories		
Wide beam	LED		Controllable	β	A	B	C			
84 527	40.0 W	3825 lm	DALI	24°	175	240	100	**71 111**	**71 113**	**71 112**
84 548	77.2 W	8145 lm	DALI	27°	250	335	140	**71 072**	**71 074**	**71 073**
Very wide beam										
84 528	40.0 W	3855 lm	DALI	64°	175	240	100	**71 111**	**71 113**	
84 549	77.2 W	8050 lm	DALI	57°	250	335	140	**71 072**	**71 074**	

β = Half beam angle   ◺ Shield   ◎ Louvres   ▬ Diffuser lenses flat beam

BEGA UniLink® luminaires

Every **BEGA UniLink® luminaire** is equipped with a five-metre-long connecting cable with a waterproof plug connector. Using the mains plug specific to your region, you can connect the individual luminaires to an outdoor socket or alternatively use a connecting cable with loose cable ends for fixed installation. With **BEGA UniLink® system components** such as extension cables and five-way distribution boxes, BEGA UniLink® luminaires can be individually extended or added to lighting systems. The maximum distance of a BEGA UniLink® luminaire from the power source should not exceed 50 metres.

5,0 m

0,5 m

BEGA UniLink® performance floodlights **with earth spike**										Accessories	
Very wide beam	LED		Controllable	β	A	B	C	Mains plug		71 118	71 120
84 488	9.6 W	960 lm	on/off	46°	145	235	100	**71 180**	Type F/E	71 118	71 120
84 489	19.3 W	1910 lm	on/off	46°	145	235	100	**71 180**	Type F/E	71 118	71 120
84 858	40.0 W	3855 lm	on/off	64°	175	265	100	**71 180**	Type F/E	71 111	71 113

0,5 m

A

BEGA UniLink® **mains plug**		
		mainly used in
71 180	Type F	**Germany** and **Europe** ("Schuko plug")
	Type E	**France** and **Belgium**
71 181	Type G	**UK** ("Commonwealth plug")
71 182	Type J	**Switzerland** and **Liechtenstein**
71 184	Type K	**Denmark**
71 183	Type L	**Italy**

BEGA UniLink® **system components**		
71 256	Connecting cable with free cable ends	0.5 m
71 247	Connecting cable with free cable ends	5.0 m
71 186	Extension cable	5 m
71 187	Extension cable	10 m
71 188	Extension cable	20 m
71 189	Five-way distribution box	

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Gobo-floodlights

Gobo-floodlights
• with mounting box
• with G½ threaded connection · ISO 228

Protection class IP 65
Cast aluminium · Safety glass
Projector lens with adjustable glass lenses.
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
Luminaires with G½ threaded connection: Connecting cable with free cable ends · Cable length 1 m
Other accessories can be found on Page 442 to 443.

The RGBW-luminaires can be controlled via a DALI colour light control (DT 8, RGBWAF, xy, TC).
Matching DALI system components can be found on Pages 428 to 433.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· 145 ·   · 175 ·
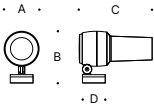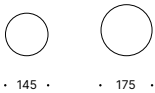
Gobo-floodlights **with mounting box**

	LED	Controllable	β	A	B	C	D
84 967	24.0 W	DALI	10–14°	145	225	305	100
84 968	24.0 W	DALI	14–30°	145	225	305	100
84 969	43.5 W	DALI	14–18°	175	255	370	100
84 970	43.5 W	DALI	20–28°	175	255	370	100

RGBW-gobo-floodlights **with mounting box**

	LED	Controllable	β	A	B	C	D
84 971	18.0 W	DALI DT 8	10–14°	145	225	305	100
84 972	18.0 W	DALI DT 8	14–30°	145	225	305	100
84 973	39.0 W	DALI DT 8	14–18°	175	255	370	100
84 974	39.0 W	DALI DT 8	20–28°	175	255	370	100

β = Beam angle
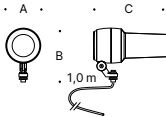
Gobo-floodlights **with G½ threaded connection**

	LED	Controllable	β	A	B	C
84 975	24.0 W	DALI	10–14°	145	210	305
84 976	24.0 W	DALI	14–30°	145	210	305
84 977	43.5 W	DALI	14–18°	175	240	370
84 978	43.5 W	DALI	20–28°	175	240	370

RGBW-gobo-floodlights **with G½ threaded connection**

	LED	Controllable	β	A	B	C
84 979	18.0 W	DALI DT 8	10–14°	145	210	305
84 980	18.0 W	DALI DT 8	14–30°	145	210	305
84 981	39.0 W	DALI DT 8	14–18°	175	240	370
84 982	39.0 W	DALI DT 8	20–28°	175	240	370

β = Beam angle

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Extremely compact and
scaled-back design with
impressive efficiency

Adjustable holder
for standard glass
and metal-Gobos

Precise glass lens adjust-
ment via spiral rotation

3 flexible mounting options:
Mounting box, G½, threaded connection
or adapter for profile pole installation
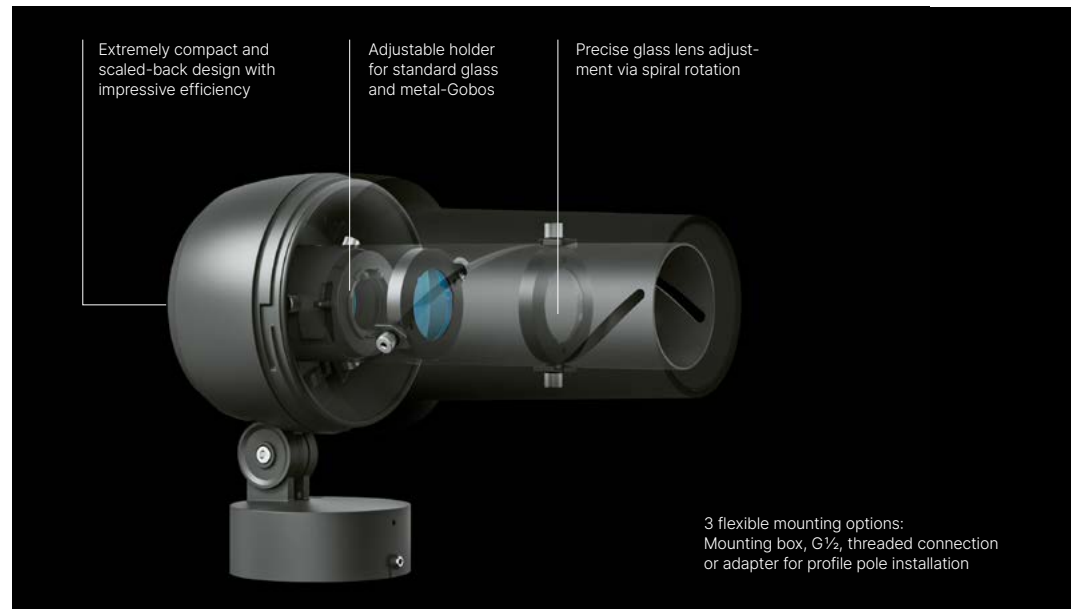
Gobo-masks

Our BEGA Gobo-floodlight for commercial Gobo-Masks is the perfect tool for memorable light staging.
At **www.emea.rosco.com**, you can find a large selection of Gobo-Motifs in custom sizes or have them made to order to suit
your individual requirements.

The article numbers of our floodlights are known to Rosco and its distribution partners, which facilitates the ordering of
multi-coloured Glass-Gobos for special effects to match our BEGA Gobo-floodlights.
All you have to do is state our BEGA article number when placing your order.

Image distortion may occur depending on the placement of the floodlight relative to the projection surface. We recommend
providing all necessary dimensional data alongside your order to prevent such unwanted effects right at the planning and
production stage (keystone calculations).

Metal-Gobos allow light/dark motifs to be projected
onto on the presentation surface.

Glass-Gobos are made by lasering the motif content into
wafer-thin carrier layers, and these can project solid shapes,
shades of grey, colours and colour gradients.

ROSCO sample patterns
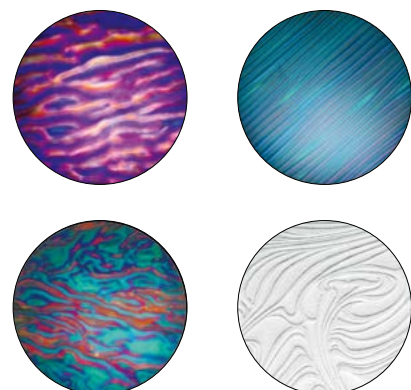
ROSCO sample patterns
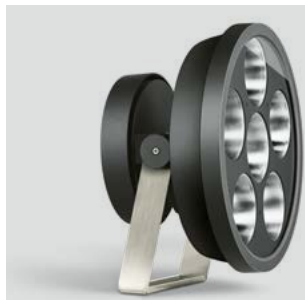
High-performance floodlights for high ambient temperatures
Symmetrically focused, very narrow beam, narrow beam, wide beam or flat beam light distribution

Protection class IP 67 · Cast aluminium and stainless steel · Safety glass
Reflector surface made of pure aluminium · Optical silicone lens
Stainless steel mounting bracket using 1 central hole Ø 21.5 mm, 2 holes Ø 9 mm
Distance apart 80 mm and 2 holes Ø 11.5 mm · Distance apart 200 mm
BEGA Ultimate Driver® · DALI controllable and **output manually adjustable in four steps 100 % · 70 % · 50 % · 30 %**
Ambient temperature max. t_a = 40/45/50 °C · BEGA Thermal Management®

Shields and internal louvres are available as accessories for these floodlights.
These can be used individually or in combination.
You will find suitable accessories for each floodlight on our website under the relevant luminaire article number.
Other accessories for high-performance floodlights can be found on Pages 444 to 445.

The RGBW floodlights of this series can be controlled via DALI colour light control (DT 8, RGBWAF, xy).
Matching DALI system components can be found on Pages 428 to 433.

Colour temperature:
2200 K – article number + **K22**, 3000 K – article number + **K3** or 4000 K – article number + **K4**
Luminaires with symmetrical very narrow beam light distribution:
3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· 375 ·   · 495 ·

A · C
B
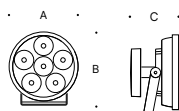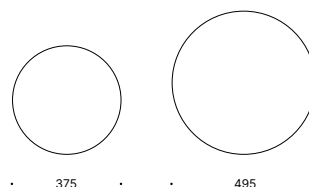
Symmetrically focused light distribution with reduced diffuse light percentage · BEGA Hybrid Optics® | Accessories

	LED		max. t_a	Controllable	β	A	B	C
84 536	132.0 W	7 345 lm	45 °C	DALI	11°	375	410	235
84 540	312.0 W	14 785 lm	40 °C	DALI	10°	495	530	310

71 110 — Integrated
71 101 — Integrated

Symmetrical very narrow beam light distribution · BEGA Hybrid Optics® | Accessories

	LED		max. t_a	Controllable	β	A	B	C
84 739	138.5 W	13 590 lm	50 °C	DALI	8°	375	410	235
84 740	279.0 W	29 085 lm	50 °C	DALI	8°	495	530	310

71 110 — **71 109**
71 101 — **71 221**

Symmetrical narrow beam light distribution · BEGA Constant Optics® | Accessories

	LED		max. t_a	Controllable	β	A	B	C
84 537	132.0 W	14 370 lm	45 °C	DALI	17°	375	410	235
84 541	326.0 W	40 275 lm	45 °C	DALI	21°	495	530	310

71 110 — **71 109**
71 101 — **71 105**

Symmetrical wide beam light distribution · BEGA Constant Optics® | Accessories

	LED		max. t_a	Controllable	β	A	B	C
84 538	132.0 W	14 900 lm	45 °C	DALI	45°	375	410	235
84 542	326.0 W	41 150 lm	45 °C	DALI	48°	495	530	310

71 110
71 101

Symmetrical flat beam light distribution · BEGA Hybrid Optics® | Accessories

	LED		max. t_a	Controllable	β	A	B	C
84 539	132.0 W	7 120 lm	45 °C	DALI	12/43°	375	410	235
84 543	312.0 W	14 700 lm	40 °C	DALI	11/54°	495	530	310

71 110 — Integrated
71 101 — Integrated

RGBW · Symmetrical narrow beam light distribution · BEGA Constant Optics® | Accessories

	LED		max. t_a	Controllable	β	A	B	C
84 550	132.0 W	8 340 lm	45 °C	DALI DT 8	17°	375	410	235
84 551	260.0 W	16 385 lm	45 °C	DALI DT 8	19°	495	530	310

71 110 — **71 109**
71 101 — **71 105**

RGBW · Symmetrical wide beam light distribution · BEGA Constant Optics® | Accessories

	LED		max. t_a	Controllable	β	A	B	C
84 552	132.0 W	8 335 lm	45 °C	DALI DT 8	47°	375	410	235
84 553	260.0 W	16 050 lm	45 °C	DALI DT 8	47°	495	530	310

71 110
71 101

max. t_a = maximum permissible ambient temperature   β = Half beam angle   ◢ Shields   ◉ Louvres

High-performance floodlights
Symmetrically focused, very narrow beam, narrow beam, wide beam or flat beam light distribution

Protection class IP 67 · Cast aluminium and stainless steel · Safety glass · Reflector surface made of pure aluminium · Optical silicone lens
Mounting bracket using 1 central hole Ø 21.5 mm, 2 holes Ø 9 mm · Distance apart 80 mm
and 2 holes Ø 11.5 mm · Distance apart 200 mm
BEGA Ultimate Driver® · DALI controllable and **output manually adjustable in four steps 100 % · 70 % · 50 % · 30 %**
Ambient temperature max. t$_a$ = 25 °C · BEGA Thermal Management®

Shields and internal louvres are available as accessories for these floodlights.
These can be used individually or in combination. Please order accessories separately.
You will find suitable accessories for each floodlight on our website under the relevant luminaire article number.
Other accessories for high-performance floodlights can be found on Pages 444 to 445.

The RGBW floodlights of this series can be controlled via DALI colour light control (DT 8, RGBWAF, xy).
Matching DALI system components can be found on Pages 428 to 433.

Colour temperature:
2200 K – article number + **K22**, or 3000 K – article number + **K3** or 4000 K – article number + **K4**
84 328 · 84 329 · 84 664 · 84 665   3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
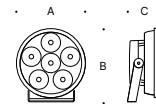
Symmetrically focused light distribution with reduced diffuse light percentage · BEGA Hybrid Optics®

		LED		Controllable	β	A	B	C		Accessories	
	84 328	106.0 W	3800 lm	DALI	5°	375	410	175		—	Integrated
	84 516	132.0 W	7345 lm	DALI	11°	375	410	175		71 110	Integrated
	84 329	270.0 W	7935 lm	DALI	5°	495	530	220		—	Integrated
	84 520	312.0 W	14785 lm	DALI	10°	495	530	220		71 101	Integrated

Symmetrical very narrow beam light distribution · BEGA Hybrid Optics®

		LED		Controllable	β	A	B	C		Accessories	
	84 664	138.5 W	13590 lm	DALI	8°	375	410	175		71 110	71 109
	84 665	279.0 W	29085 lm	DALI	8°	495	530	220		71 101	71 221

Symmetrical narrow beam light distribution · BEGA Constant Optics®

		LED		Controllable	β	A	B	C		Accessories	
	84 517	132.0 W	14370 lm	DALI	17°	375	410	175		71 110	71 109
	84 521	326.0 W	40275 lm	DALI	21°	495	530	220		71 101	71 105

Symmetrical wide beam light distribution · BEGA Constant Optics®

		LED		Controllable	β	A	B	C		Accessories
	84 518	132.0 W	14 900 lm	DALI	45°	375	410	175		71 110
	84 522	326.0 W	41 150 lm	DALI	48°	495	530	220		71 101

Symmetrical flat beam light distribution · BEGA Hybrid Optics®

		LED		Controllable	β	A	B	C		Accessories	
	84 519	132.0 W	7120 lm	DALI	12/43°	375	410	175		71 110	Integrated
	84 523	312.0 W	14700 lm	DALI	11/54°	495	530	220		71 101	Integrated

RGBW · Symmetrical narrow beam light distribution · BEGA Constant Optics®

		LED		Controllable	β	A	B	C		Accessories	
	84 524	132.0 W	8340 lm	DALI DT 8	17°	375	410	175		71 110	71 109
	84 525	260.0 W	16385 lm	DALI DT 8	19°	495	530	220		71 101	71 105

RGBW · Symmetrical wide beam light distribution · BEGA Constant Optics®

		LED		Controllable	β	A	B	C		Accessories
	84 529	132.0 W	8335 lm	DALI DT 8	47°	375	410	175		71 110
	84 530	260.0 W	16050 lm	DALI DT 8	47°	495	530	220		71 101

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Surface floodlights
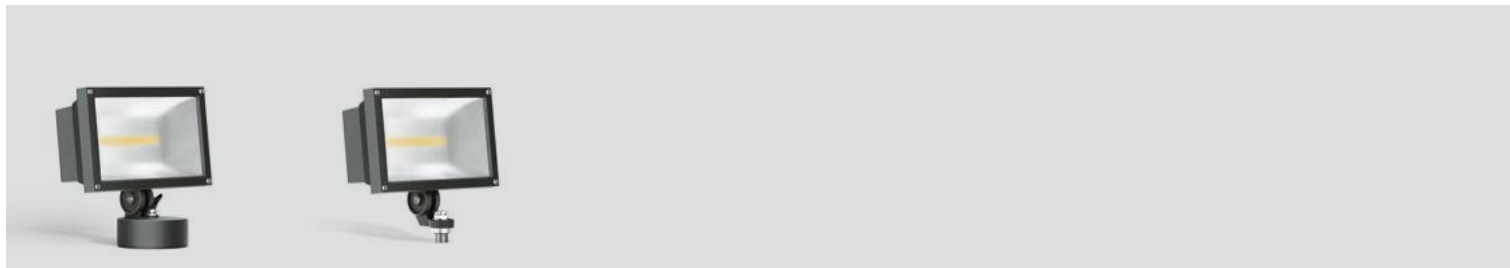
Surface floodlights
- with mounting box
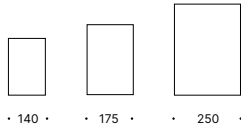- with G½ threaded connection · ISO 228
- with earth spike
- with connection adapter

Protection class IP 65
Cast aluminium · Safety glass · Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

Shields are available as accessories for these floodlights.
Other accessories can be found on Pages 442 to 443. Please order accessories separately.

The RGBW-luminaires can be controlled via a DALI colour light control (DT 8, RGBWAF, xy, TC).
Matching DALI system components can be found on Pages 428 to 433.

Outrigger luminaires in this series can be found on Page 136.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**
White – article number + **W**

Floodlights with G½ threaded connection and with connection adapter
Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

Floodlights with earth spike
Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· 165 ·   · 230 ·   · 290 ·

Surface floodlights **with mounting box**

Very wide beam	LED		Controllable	β	A	B	C	D			
84 507	11.9 W	1135 lm	on/off	80°/90°	165×110	185	90	100			70 500
77 538	20.5 W	2170 lm	DALI	76°/89°	165×110	185	90	100			70 500
77 539	30.4 W	3505 lm	DALI	92°/97°	230×150	225	100	100			70 502
77 582	71.0 W	8060 lm	DALI	85°/93°	290×190	270	125	100			70 525
Flat beam											
84 510	11.9 W	1020 lm	on/off	28°/87°	165×110	185	90	100			70 500
77 536	20.5 W	2055 lm	DALI	29°/86°	165×110	185	90	100			70 500
77 537	30.4 W	3405 lm	DALI	40°/96°	230×150	225	100	100			70 502
77 584	71.0 W	7535 lm	DALI	32°/88°	290×190	270	125	100			70 525

RGBW surface floodlights **with mounting box**

Very wide beam	LED		Controllable	β	A	B	C	D		
84 391	30.3 W	2465 lm	DALI DT 8	80°/92°	230×150	225	100	100		70 502
84 392	59.0 W	4835 lm	DALI DT 8	78°/82°	290×190	270	125	100		70 525
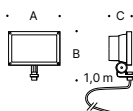
Surface floodlights **with G½ threaded connection**

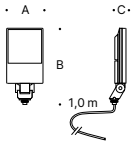|									
Very wide beam	LED		Controllable	β	A	B	C		
84 508	11.9 W	1135 lm	on/off	80°/90°	165×110	165	90		70 500
77 479	20.5 W	2170 lm	DALI	76°/89°	165×110	165	90		70 500
77 486	30.4 W	3505 lm	DALI	92°/97°	230×150	200	100		70 502
77 427	71.0 W	8060 lm	DALI	85°/93°	290×190	250	125		70 525
Flat beam									
84 511	11.9 W	1020 lm	on/off	28°/87°	165×110	165	90		70 500
77 478	20.5 W	2055 lm	DALI	29°/86°	165×110	165	90		70 500
77 485	30.4 W	3405 lm	DALI	40°/96°	230×150	200	100		70 502
77 434	71.0 W	7535 lm	DALI	32°/88°	290×190	250	125		70 525

β = Half beam angle   ◹ Shields

BEGA UniLink® luminaires

Every **BEGA UniLink® luminaire** is equipped with a five-metre-long connecting cable with a waterproof plug connector. Using the mains plug specific to your region, you can connect the individual luminaires to an outdoor socket or alternatively use a connecting cable with loose cable ends for fixed installation. With **BEGA UniLink® system components** such as extension cables and five-way distribution boxes, BEGA UniLink® luminaires can be individually extended or added to lighting systems. The maximum distance of a BEGA UniLink® luminaire from the power source should not exceed 50 metres.

BEGA UniLink® floodlights with connection adapter can easily be installed at nearly any location of your choice using tube clamp, lashing strap, screw clamp, G½ fastener or a fastener with a screw thread.

An overview of all available national mains plugs and BEGA UniLink® accessories can be found on Page 438.

BEGA UniLink® surface floodlights **with earth spike**								Connecting cable		
Very wide beam	LED		Controllable	β	A	B	C	with mains plug		
84 839	11.9 W	1135 lm	on/off	80°/90°	165×110	195	90	**71 180** Type F/E	**70 500**
84 840	20.5 W	2170 lm	on/off	76°/89°	165×110	195	90	**71 180** Type F/E	**70 500**
84 841	32.5 W	3505 lm	on/off	92°/97°	230×150	235	100	**71 180** Type F/E	**70 502**
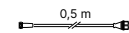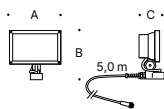
BEGA UniLink® surface floodlights **with connection adapter**								Connecting cable		
Very wide beam	LED		Controllable	β	A	B	C	with mains plug		
84 850	11.9 W	1135 lm	on/off	80°/90°	165×110	165	90	**71 180** Type F/E	**70 500**
84 851	20.5 W	2170 lm	on/off	76°/89°	165×110	165	90	**71 180** Type F/E	**70 500**
84 852	32.5 W	3505 lm	on/off	92°/97°	230×150	205	100	**71 180** Type F/E	**70 502**

Mains plug · Connecting cable · Extension cable · Five-way distribution box

BEGA UniLink® mains plug

		mainly used in
71 180	Type F	**Germany** and **Europe** ("Schuko plug")
	Type E	**France** and **Belgium**
71 181	Type G	**UK** ("Commonwealth plug")
71 182	Type J	**Switzerland** and **Liechtenstein**
71 184	Type K	**Denmark**
71 183	Type L	**Italy**

BEGA UniLink® system components

71 256	Connecting cable with free cable ends	0.5 m
71 247	Connecting cable with free cable ends	5.0 m
71 186	Extension cable	5 m
71 187	Extension cable	10 m
71 188	Extension cable	20 m
71 189	Five-way distribution box	

Accessories for BEGA UniLink® floodlights with connection adapter

71 225	Lashing strap with connection adapter
71 223	Screw clamp with connection adapter
71 227	G½ fastener with connection adapter
71 226	General fastener with connection adapter
71 224	Tube clamp with connection adapter

71225 · 71223 · 71227 · 71226 · 71224

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Performance floodlights

Performance floodlights
• with mounting box
• with G½ threaded connection · ISO 228
• with earth spike
• with connection adapter

Protection class IP 65
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · BEGA Vortex Optics®
BEGA Ultimate Driver® · on/off or DALI controllable
BEGA Thermal Management®
Luminaires with G½ threaded connection: Connecting cable with free cable ends · Cable length 1 m

Luminaires with A = 250 mm:
Output manually adjustable in four steps 100 % · 70 % · 50 % · 30 %

The RGBW-luminaires can be controlled via a DALI colour light control (DT 8, RGBWAF, xy).
Matching DALI system components can be found on Pages 428 to 433.

Suitable accessories for floodlights with G½ threaded connection can be found on Pages 442 to 443.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

Floodlights with earth spike
Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· 140 ·   · 175 ·   · 250 ·

· A ·   · C ·
B
· D ·
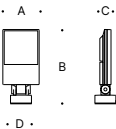
Performance floodlights **with mounting box**

	Narrow beam	LED		Controllable	β	A	B	C	D
	84 459	26.6 W	1550 lm	DALI	23°	140	310	55	100
	84 441	42.5 W	2660 lm	DALI	23°	175	360	55	100
	84 234	105.0 W	7240 lm	DALI	23°	250	440	55	130
	Wide beam								
	84 460	26.6 W	2700 lm	DALI	44°	140	310	55	100
	84 442	42.5 W	4360 lm	DALI	44°	175	360	55	100
	84 206	105.0 W	9870 lm	DALI	44°	250	440	55	130
	Asymmetrical								
	84 461	26.6 W	2435 lm	DALI	44/48°	140	310	55	100
	84 443	42.5 W	3525 lm	DALI	44/48°	175	360	55	100
	84 207	105.0 W	7330 lm	DALI	44/48°	250	440	55	130

RGBW performance floodlights **with mounting box**

	Narrow beam	LED		Controllable	β	A	B	C	D
	84 348	105.0 W	3700 lm	DALI DT 8	20°	250	440	55	130
	Wide beam								
	84 349	105.0 W	6155 lm	DALI DT 8	40°	250	440	55	130
	Asymmetrical								
	84 350	105.0 W	4260 lm	DALI DT 8	42/50°	250	440	55	130

β = Half beam angle

BEGA UniLink® luminaires

Every **BEGA UniLink® luminaire** is equipped with a five-metre-long connecting cable with a waterproof plug connector. Using the mains plug specific to your region, you can connect the individual luminaires to an outdoor socket or alternatively use a connecting cable with loose cable ends for fixed installation. With **BEGA UniLink® system components** such as extension cables and five-way distribution boxes, BEGA UniLink® luminaires can be individually extended or added to lighting systems. The maximum distance of a BEGA UniLink® luminaire from the power source should not exceed 50 metres.

BEGA UniLink® floodlights with connection adapter can easily be installed at nearly any location of your choice using tube clamp, lashing strap, screw clamp, G½ fastener or a fastener with a screw thread.

An overview of all available national mains plugs and BEGA UniLink® accessories can be found on Page 438.

Performance floodlights with G½ threaded connection

Narrow beam	LED		Controllable	β	A	B	C
84 447	26.6 W	1550 lm	DALI	23°	140	310	55
84 435	42.5 W	2660 lm	DALI	23°	175	360	55
84 233	105.0 W	7240 lm	DALI	23°	250	440	55
Wide beam							
84 448	26.6 W	2700 lm	DALI	44°	140	310	55
84 436	42.5 W	4360 lm	DALI	44°	175	360	55
84 235	105.0 W	9870 lm	DALI	44°	250	440	55
Asymmetrical							
84 449	26.6 W	2435 lm	DALI	44/48°	140	310	55
84 437	42.5 W	3525 lm	DALI	44/48°	175	360	55
84 232	105.0 W	7330 lm	DALI	44/48°	250	440	55

RGBW-performance floodlights with G½ threaded connection

Narrow beam	LED		Controllable	β	A	B	C
84 345	105.0 W	3700 lm	DALI DT 8	20°	250	440	55
Wide beam							
84 346	105.0 W	6155 lm	DALI DT 8	40°	250	440	55
Asymmetrical							
84 347	105.0 W	4260 lm	DALI DT 8	42/50°	250	440	55

0,5 m
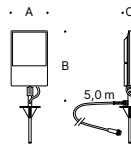
BEGA UniLink® performance floodlights with earth spike

Wide beam	LED		Controllable	β	A	B	C	with mains plug	
84 843	27.0 W	2700 lm	on/off	44°	140	315	55	**71 180**	Type F/E
84 855	42.5 W	4360 lm	on/off	44°	175	365	55	**71 180**	Type F/E
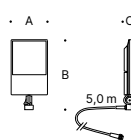
BEGA UniLink® performance floodlights with connection adapter

Wide beam	LED		Controllable	β	A	B	C	with mains plug	
84 853	27.0 W	2700 lm	on/off	44°	140	285	55	**71 180**	Type F/E
84 854	42.5 W	4360 lm	on/off	44°	175	335	55	**71 180**	Type F/E

Mains plug · Connecting cable · Extension cable · Five-way distribution box

BEGA UniLink® mains plug

		mainly used in
71 180	Type F	**Germany** and **Europe** ("Schuko plug")
	Type E	**France** and **Belgium**
71 181	Type G	**UK** ("Commonwealth plug")
71 182	Type J	**Switzerland** and **Liechtenstein**
71 184	Type K	**Denmark**
71 183	Type L	**Italy**

BEGA UniLink® system components

71 256	Connecting cable with free cable ends	0.5 m
71 247	Connecting cable with free cable ends	5.0 m
71 186	Extension cable	5 m
71 187	Extension cable	10 m
71 188	Extension cable	20 m
71 189	Five-way distribution box	

Accessories for BEGA UniLink® floodlights with connection adapter

71 225	Lashing strap with connection adapter
71 223	Screw clamp with connection adapter
71 227	G½ fastener with connection adapter
71 226	General fastener with connection adapter
71 224	Tube clamp with connection adapter

71225 · 71223 · 71227 · 71226 · 71224

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Surface floodlights
• with mounting box
• with G½ threaded connection · ISO 228

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units
BEGA Thermal Management®
Luminaires with G½ threaded connection: Connecting cable with free cable ends · Cable length 1 m

Suitable accessories for floodlights with G½ threaded connection can be found on Pages 442 to 443.

Outrigger luminaires in this series can be found on Page 136.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· 180 ·   · 260 ·
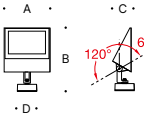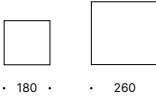
Surface floodlights **with mounting box**

	LED		Controllable	A	B	C	D
84 256	13.3 W	1340 lm	on/off	180	285	80	90
84 098	22.0 W	2515 lm	DALI	260	360	105	110
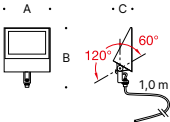
Surface floodlights **with G½ threaded connection**

	LED		Controllable	A	B	C
84 257	13.3 W	1340 lm	on/off	180	255	80
84 099	22.0 W	2515 lm	DALI	260	325	105

β = Half beam angle   ◻ Shields   ⯈ Louvres

High-performance floodlights
Very wide beam, flat beam or asymmetrical light distribution

Protection class IP 67
Cast aluminium and stainless steel · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®

Stainless steel mounting bracket with one central Ø 21.5 mm hole, two Ø 9 mm holes
Distance apart 80 mm and 2 holes Ø 11.5 mm · Distance apart 200 mm

BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®
Output manually adjustable in four steps 100 % · 70 % · 50 % · 30 %

The RGBW-luminaires can be controlled via a DALI colour light control (DT 8, RGBWAF, xy).
Matching DALI system components can be found on Pages 428 to 433.

Shields and internal louvres are available as accessories for these floodlights.
These can be used individually or in combination. Please order accessories separately.
You will find suitable accessories for each floodlight on our website under the relevant luminaire article number.
Other accessories for high-performance floodlights can be found on Pages 444 to 445.

Colour temperature: 2200 K – article number + **K22**, 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· 470 ·   · 565 ·

· A ·   · C ·
B
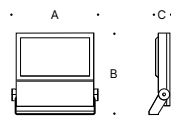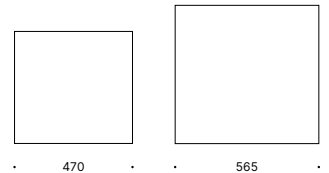
Wide beam light distribution

	LED		Controllable	β	A	B	C
84 500	190.0 W	20 415 lm	DALI	70/62°	525	500	90
84 501	371.0 W	39 985 lm	DALI	76/58°	620	670	90

Accessories
71 108   **71 107**
71 102   **71 104**

Flat beam light distribution

	LED		Controllable	β	A	B	C
84 502	190.0 W	19 040 lm	DALI	26/72°	525	500	90
84 503	371.0 W	38 820 lm	DALI	27/76°	620	670	90

Accessories
71 108   **71 106**
71 102   **71 103**

Asymmetrical light distribution

	LED		Controllable	β	A	B	C
84 764	190.0 W	17 350 lm	DALI	63/75°	525	500	90
84 765	371.0 W	35 950 lm	DALI	65/75°	620	670	90

RGBW · Wide beam light distribution

	LED		Controllable	β	A	B	C
84 513	190.0 W	11 595 lm	DALI DT 8	73/65°	525	500	90
84 514	378.0 W	22 285 lm	DALI DT 8	78/63°	620	670	90

Accessories
71 108   **71 107**
71 102   **71 104**

RGBW · Flat beam light distribution

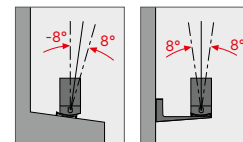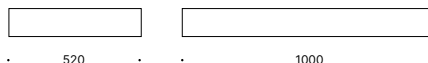|	LED		Controllable	β	A	B	C
84 531	190.0 W	11 070 lm	DALI DT 8	26/73°	525	500	90
84 532	378.0 W	22 590 lm	DALI DT 8	27/78°	620	670	90

Accessories
71 108   **71 106**
71 102   **71 103**

RGBW · Asymmetrical light distribution

	LED		Controllable	β	A	B	C
84 805	190.0 W	11 315 lm	DALI DT 8	63/65°	525	500	90
84 806	378.0 W	22 770 lm	DALI DT 8	66/77°	620	670	90

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Façade floodlights

Façade floodlights

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

Please note:
A separate connection box is required for the electrical connection to the luminaires. If the luminaires are
connected in series (max. 12 luminaires per connection), a connection box is only required for the first luminaire.
For installation with wall outrigger arms please order connection box 71064.
Connection boxes are accessories and must be ordered separately.
The connection from one luminaire to another is made with the connection cables supplied with the luminaires.

Façade floodlights can be mounted on cantilever plates, canopies or external window sills, or can be fixed to a façade
with wall outrigger arm 71036. The inclination angle of the floodlight is adjustable.
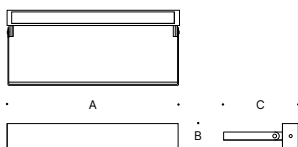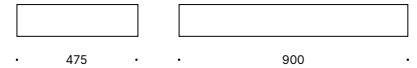
Please observe the instructions for use.

The RGBW-luminaires of this series can be controlled via DALI colour light control (DT 8, RGBWAF, xy).
Matching DALI system components can be found on Pages 428 to 433.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

The wall outrigger arm 71036
allows façade mounting of the
luminaires.
Please observe the instructions
for use.
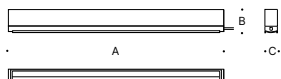
Façade floodlights · **Symmetrical narrow beam** light distribution

	LED		Controllable	β	A	B	C
77 152	15.5 W	1340 lm	DALI	12/85°	520	110	60
77 153	28.0 W	2740 lm	DALI	14/89°	1000	110	60

Façade floodlights · **Symmetrical wide beam** light distribution

	LED		Controllable	β	A	B	C
77 154	15.5 W	1250 lm	DALI	32/93°	520	110	60
77 155	28.0 W	2350 lm	DALI	32/95°	1000	110	60

Façade floodlights · **Asymmetrical** light distribution

	LED		Controllable	β	A	B	C
77 156	15.5 W	1080 lm	DALI	43/77°	520	110	60
77 157	28.0 W	2105 lm	DALI	46/77°	1000	110	60

BEGA façade floodlights can be installed side
by side to form a continuous light strip. The
electrical connection to the next luminaire is
made using five-pole plug connectors.
We offer connection cables in various lengths
for bridging larger distances.
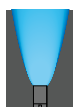
Façade floodlights · **Symmetrical narrow beam · RGBW**

	LED		Controllable	β	A	B	C
84 199	17.0 W	605 lm	DALI DT 8	12/85°	520	110	60
84 200	28.0 W	1235 lm	DALI DT 8	14/89°	1000	110	60

Façade floodlights · **Symmetrical wide beam · RGBW**

	LED		Controllable	β	A	B	C
84 179	17.0 W	580 lm	DALI DT 8	32/93°	520	110	60
84 180	28.0 W	1280 lm	DALI DT 8	32/95°	1000	110	60

Façade floodlights · **Asymmetrical · RGBW**

	LED		Controllable	β	A	B	C
84 177	17.0 W	485 lm	DALI DT 8	43/77°	520	110	60
84 178	28.0 W	1100 lm	DALI DT 8	46/77°	1000	110	60

70 555
71 064

71 036
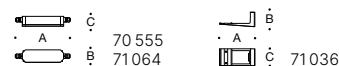
Accessories

For installation in series (max. 12 luminaires per connection), a connection
box is required for the first luminaire only. For installation with wall
outrigger arms please order connection box 71064.

		A	B	C
70 555	Connection box	250	55	45
71 064	Connection box for wall outrigger arms	255	65	60
71 036	Wall outrigger arm	160	65	75
71 037	Connection cable 2 m			
70 556	Connection cable 5 m			
70 557	Connection cable 10 m			

● New in the range   β = Half beam angle

· 475 ·   · 900 ·

Façade floodlights

Protection class IP 65
Cast aluminium and stainless steel · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Stainless steel mounting brackets.
DALI controllable power supply units · BEGA Thermal Management®

Please note:
A separate connection box is required for the electrical connection to the luminaires. If the luminaires are connected in series (max. 12 luminaires per connection), a connection box is only required for the first luminaire.
Connection boxes are accessories and must be ordered separately.
The electrical connection is made via the supplied connecting cables if the luminaires are installed side by side without gaps. Matching connection cables, which are listed in the table, can be ordered separately where the intended installation gaps are larger.

The downward directed installation easily illuminates the façade without undesirably brightening the night sky.

The inclination angle of the floodlight has an adjustment range of ± 30°. Please observe the instructions for use.

The RGBW floodlights of this series can be controlled via DALI colour light control (DT 8, RGBWAF, xy).
Matching DALI system components can be found on Pages 428 to 433.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · C ·
B

BEGA façade floodlights can be installed side by side to form a continuous light strip. The electrical connection to the next luminaire is made using five-pole plug connectors.
We offer connection cables in various lengths for bridging larger distances.

Façade floodlights · Symmetrical narrow beam light distribution

	LED		Controllable	β	A	B	C
85 261	28.8 W	1250 lm	DALI	9/9°	475	125	390
85 262	55.0 W	2500 lm	DALI	9/9°	900	125	390
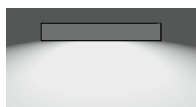
Façade floodlight · Flat beam light distribution

	LED		Controllable	β	A	B	C
85 263	24.5 W	1870 lm	DALI	10/50°	475	125	390
85 264	49.0 W	3745 lm	DALI	10/50°	900	125	390

Façade floodlights · Symmetrical narrow beam light distribution · RGBW

	LED		Controllable	β	A	B	C
85 265	24.5 W	820 lm	DALI DT8	9/9°	475	125	390
85 266	52.5 W	1860 lm	DALI DT8	9/9°	900	125	390

Façade floodlight · Flat beam light distribution · RGBW

	LED		Controllable	β	A	B	C
85 267	24.5 W	1135 lm	DALI DT8	10/50°	475	125	390
85 268	52.8 W	2475 lm	DALI DT8	10/50°	900	125	390
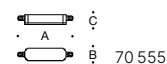
· A · C
· B · 70 555

Accessories

For installation in series (max. 12 luminaires per connection), a connection box is required for the first luminaire only.

		A	B	C
70 555	Connection box	250	55	45
71 037	Connection cable 2 m			
70 556	Connection cable 5 m			
70 557	Connection cable 10 m			

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

135

Façade floodlights

Surface floodlights with outrigger arm and mounting box

Protection class IP 65 · Cast aluminium · Outrigger arm made of stainless steel · Safety glass
Reflector made of pure anodised aluminium
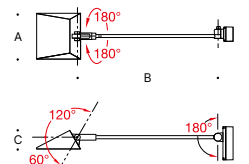BEGA Constant Optics® · on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Surface floodlights with **outrigger arm and mounting box**

	LED		Controllable	A	B	C	D
84 258	13.3 W	1340 lm	on/off	180	500	80	Ø 90
84 100	22.0 W	2515 lm	DALI	260	700	105	90 × 190

Surface floodlights with outrigger arm and mounting box · Very wide beam or flat beam light distribution

Protection class IP 65 · Cast aluminium · Outrigger arm made of stainless steel · Safety glass · Reflector made of pure anodised aluminium
BEGA Constant Optics® · DALI controllable power supply units · BEGA Thermal Management®
Shields are available as accessories for these floodlights. Please order accessories separately.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
White   – article number + **W**

20-year availability guarantee for replacement parts and LED modules

Surface floodlights **with outrigger arm and mounting box**

Very wide beam	LED		Controllable	β	A	B	C	D	Accessories
77 552	20.7 W	2170 lm	DALI	76/89°	165 × 110	700	50	90 × 190	**70 500**
77 559	30.4 W	3505 lm	DALI	92/97°	230 × 150	700	60	105 × 240	**70 502**
Flat beam									
77 551	20.7 W	2055 lm	DALI	29/86°	165 × 110	700	50	90 × 190	**70 500**
77 558	30.4 W	3405 lm	DALI	40/96°	230 × 150	700	60	105 × 240	**70 502**

Performance floodlights with outrigger arm and mounting box · Symmetrical wide beam light distribution

Protection class IP 65 · Cast aluminium · Outrigger arm made of stainless steel · Safety glass · Reflector surface made of pure aluminium
Optical silicone lens · BEGA Hybrid Optics® · on/off or DALI controllable power supply units · BEGA Thermal Management®
Shields and diffuser lenses for altering the light distribution are available as accessories for these floodlights.
These can be used individually or in combination. Please order accessories separately.
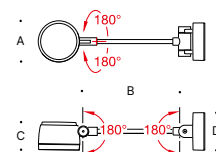
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Performance floodlights **with outrigger arm and mounting box**

Very wide beam	LED		Controllable	β	A	B	C	D	Accessories	
84 490	5.2 W	490 lm	on/off	46°	145	700	100	130	**71 120**	**71 118**
84 491	9.4 W	960 lm	DALI	46°	145	700	100	130	**71 120**	**71 118**
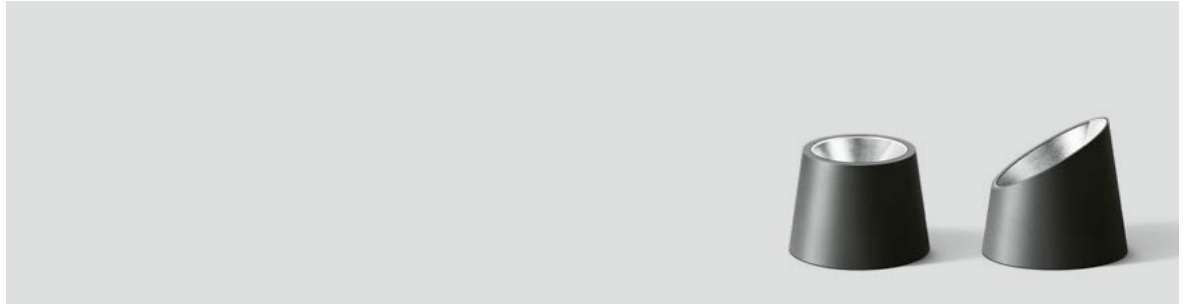
On-ground luminaires
Symmetrical or asymmetrical light distribution

Protection class IP 67
Aluminium · Safety glass
BEGA Constant Optics® · Reflector made of pure anodised aluminium
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

We offer an anchorage section with connection compartment as an accessory to meet any requirements at
the installation site. The luminaires can therefore be installed on unpaved substrates. We recommend using
BEGA distribution box 70 730 if through-wiring to another luminaire is required.
The distribution box is suitable for installation in the anchorage section with connection compartment.
For more information about the anchorage section with connection compartment and distribution boxes,
see Page 446.

Colour temperature:　3000 K – article number **K3**
or　4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

On-ground floodlights · **Symmetrical** light distribution							Anchorage section	
	LED		Controllable	β	A	B	with connection compartment	
84 757	23.7 W	2730 lm	DALI	28°	205	145	**71 246**	

On-ground floodlights · **Asymmetrical** light distribution							Anchorage section	
	LED		Controllable	β	A	B	with connection compartment	
84 758	27.0 W	2555 lm	DALI	75/60°	205	195	**71 246**	

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum
ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and
data sheets on our website.

Recessed luminaires for swimming pools
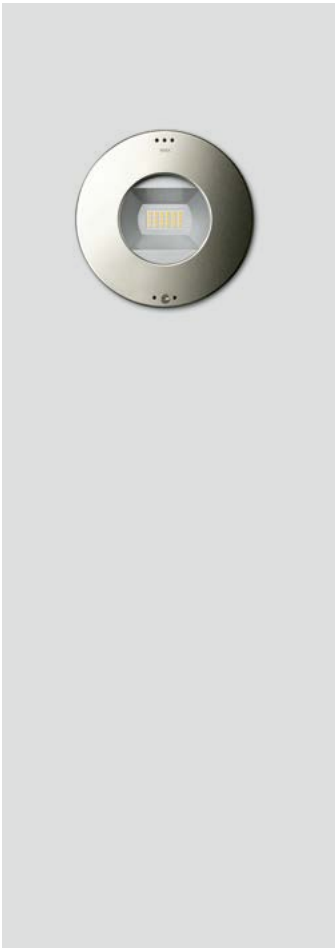
Recessed luminaires for swimming and bathing pools
in private and public areas

Protection class IP 68 10 m
Supply voltage 24 V DC · Safety class III
Stainless steel, material number 1.4404 · Electropolished
Safety glass · BEGA Constant Optics®
Reflector made of pure anodised aluminium · Chlorine water resistant cable
Recommended installation depth 400 to 700 mm under the water surface

Installation housings for pools with wall tiles, film lining and metal or synthetic pools are included with delivery.

A separate 24 V DC safety power supply unit is required to operate the luminaires.
Suitable safety power supply units for underwater luminaires can be found on Page 436.
To operate RGBW luminaire 99 815, control gear box 71 368 is required.
Safety regulations must be observed when installing and operating these luminaires and operating devices.

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
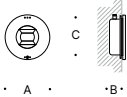
Recessed luminaires for **swimming and bathing pools · 24 V DC · Safety class III**						
			Power supply unit	A	B	C
• **88 913**	3.9 W	220 lm	without*	110	145	80
• **99 812**	9.9 W	890 lm	without*	195	65	150
• **99 814**	18.3 W	2255 lm	without*	265	75	210
• **84 400**	62.0 W	5000 lm	without*	265	75	210

* Suitable safety power supply units for underwater luminaires can be found on Page 436.

RGBW recessed luminaires for **swimming and bathing pools · 24 V DC · Safety class III**					
		Power supply unit	A	B	C
• **99 815**	RGBW	28.0 W	without	265	75	210

• **71 368**	Electronic power supply unit 24 V DC · 0–150 W, DALI DT8 RGBWAF, xy, TC for max. 5 **RGBW** luminaires 99 815
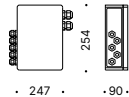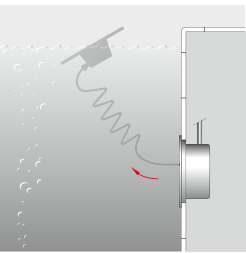
Accessories for underwater luminaires

Hose screw closure made of stainless steel

Hose screw closure for sealing soft PVC protective hoses
which are used to route cables of swimming pool luminaires.
Stainless steel · Material no. 1.4401
1 connection pipe for soft PVC protective hose Ø 20 × 3 mm · Pipe length 29 mm
1 PG 16 screw cable gland with gasket inserts for connecting cable Ø 5–13 mm
1 hose clip DIN 3017
Belt width 9 mm · Clamping range 20–32 mm
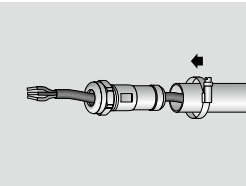
71 266	Hose end screw connection

Distribution box

Distribution box for installation in floor and wall surfaces
For installing the cables of swimming pool luminaires in safety class III
Protection class IP 67
Cover stainless steel · Material no. 1.4404 · Electropolished
Housing glass fibre reinforced synthetic material
2 screw cable glands
1 lateral hose connection for soft PVC protective hose Ø 20 × 3 mm
After installation, the distribution box must be sealed with a sealing compound!
Technical data can be found in the distribution box data sheet on our website.
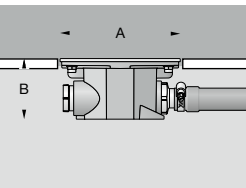
		A	B
71 260	Distribution box	115 × 115	60

● New to the range   ● No longer included in the current catalogue

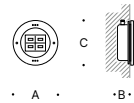**Recessed luminaires for swimming and bathing pools as well as saltwater swimming pools**

Protection class IP 68 10 m
Supply voltage 24 V DC · Safety class III
Cast aluminium-bronze
84 578 · 84 579 · 84 738 · 84 575 Stainless steel, material number 1.4404, electropolished
84 675 · 84 676 · 84 677 · 84 678 Stainless steel, material number 1.4529, electropolished
Safety glass · BEGA Constant Optics® · Reflector surface made of pure aluminium
BEGA Ultimate Driver® · BEGA Thermal Management®
Chlorine water resistant cable
Luminaires for saltwater swimming pools: maximum brine concentration 7 %
Recommended installation depth 400 to 700 mm under the water surface

An external 24 V DC safety power supply unit is required to operate the luminaires.
The RGBW-luminaires can be controlled by DALI colour light control (DT8, RGBWAF).
For control in a DALI system, the BEGA Safety Transceiver is required.
For more detailed information, see Page 436.
Safety regulations must be observed when installing and operating these luminaires and operating devices.

For each of these swimming pool luminaires, you can find the matching installation housing for the corresponding pool type in the table. The installation housings Type B, C and D are coated with quartz sand all the way around to a width of 50 mm.

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Recessed luminaires for **swimming and bathing pools · 24 V DC · Safety class III**

Symmetrical		Power supply unit	A	B	C
84 578 82.5 W	9000 lm	without*	250	60	215
Asymmetrical					
84 579 82.5 W	8410 lm	without*	250	60	215

RGBW recessed luminaires for **swimming and bathing pools · 24 V DC · Safety class III**

Symmetrical		Power supply unit	A	B	C
84 738 86.5 W	5720 lm	without*	250	60	215
Asymmetrical					
84 575 86.5 W	5930 lm	without*	250	60	215

Recessed luminaires for **saltwater swimming pools · 24 V DC · Safety class III**

Symmetrical		Power supply unit	A	B	C
84 675 82.5 W	9000 lm	without*	250	60	215
Asymmetrical					
84 676 82.5 W	8410 lm	without*	250	60	215

RGBW recessed luminaires for **saltwater swimming pools · 24 V DC · Safety class III**

Symmetrical		Power supply unit	A	B	C
84 677 86.5 W	5720 lm	without*	250	60	215
Asymmetrical					
84 678 86.5 W	5930 lm	without*	250	60	215

*Suitable 24 V DC safety power supply units for underwater luminaires can be found on Page 436.

Type A · B

Type C

Installation housings for swimming pools matching the recessed luminaires on this page

Type A	for installation in stainless steel pools
Type B	for installation in thin-walled stainless steel, synthetic material and film basins
Type C	for flush installation in basins with tiles
Type D	for installation in basins with adhesive or film coating and tiles

Installation housing for swimming and bathing pools

Type A	Type B	Type C	Type D
71 267	**71 268**	**71 269**	**71 270**

Installation housing for saltwater swimming pools

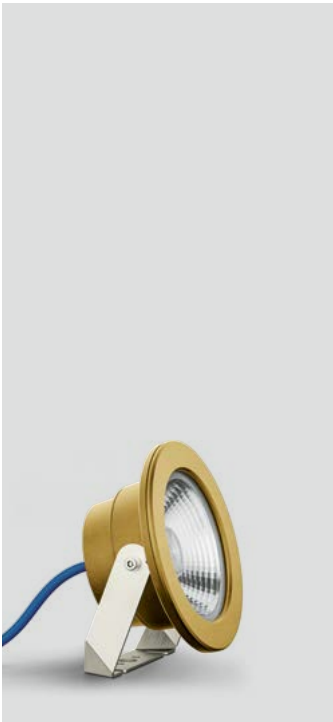| Type A	Type B	Type C	Type D
71 294	**71 295**	**71 296**	**71 293**
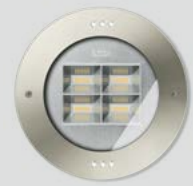
Type D

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

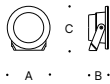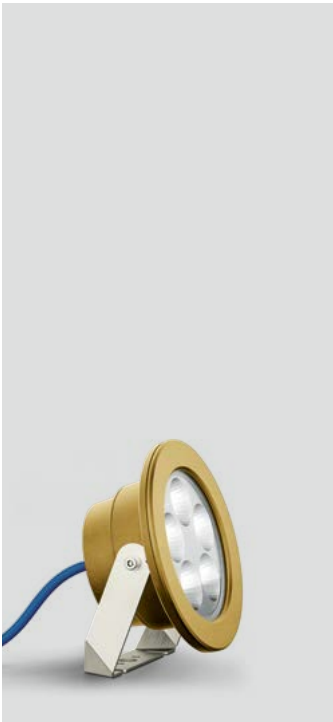**Underwater floodlights**
with integrated power supply unit 230 V AC

Protection class IP 68 20 m
Supply voltage 230 V AC · Safety class I
Lead-free cast brass with drinking water certification · Stainless steel · Safety glass
Reflector surface made of pure aluminium
84 860 · 84 861 BEGA Hybrid Optics ®
84 862 · 84 863 BEGA Constant Optics ®
BEGA Ultimate Driver ® · BEGA Thermal Management ®

DALI controllable
The RGBW-luminaires can be controlled via a DALI colour light control (DT8, RGBWAF, xy, TC).
Matching DALI system components can be found on Pages 428 to 433.

Water-resistant cable: Cable length 7 m
Mounting bracket for horizontal and vertical floodlight adjustment

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Underwater floodlights **with integrated** power supply unit · **230 V AC** · Safety class I							
	LED		Controllable	β	A	B	C
84 860	45.0 W	4920 lm	DALI	24°	230	105	240
84 861	45.0 W	4940 lm	DALI	64°	230	105	240

RGBW underwater floodlights **with integrated** power supply unit · **230 V AC** · Safety class I							
	LED		Controllable	β	A	B	C
84 862	49.0 W	2900 lm	DALI DT8	20°	230	105	240
84 863	49.0 W	2900 lm	DALI DT8	52°	230	105	240

Underwater floodlights
for external power supply units 24 V DC

Protection class IP 68 20 m
Supply voltage 24 V DC · Safety class III
An external 24 V DC safety power supply unit is required to operate the luminaires.
Lead-free cast brass with drinking water certification · Stainless steel · Safety glass
Reflector surface made of pure aluminium
BEGA Constant Optics ®
BEGA Ultimate Driver ® · BEGA Thermal Management ®

Where the luminaires will be controlled as part of a DALI system, a BEGA Safety Transceiver 71 302,
or the Safety PSU including the BEGA Safety Transceiver 71 301 will also have to be added.
The RGBW-luminaires can be controlled by DALI colour light control (DT8, RGBWAF).
Matching DALI system components can be found on Pages 428 to 433.

Water-resistant cable: Cable length 7 m
Mounting bracket for horizontal and vertical floodlight adjustment

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
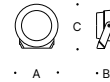
Underwater floodlights **for external power supply units** · **24 V DC** · Safety class III							
	LED		PSU	β	A	B	C
84 864	86.0 W	8650 lm	without*	20°	230	105	240
84 865	86.0 W	8840 lm	without*	52°	230	105	240

RGBW underwater floodlights **for external power supply units** · **24 V DC** · Safety class III							
	LED		PSU	β	A	B	C
84 913	77.0 W	4520 lm	without*	20°	230	105	240
84 914	77.0 W	4320 lm	without*	52°	230	105	240

*Suitable 24 V DC safety power supply units for underwater luminaires can be found on Page 436.
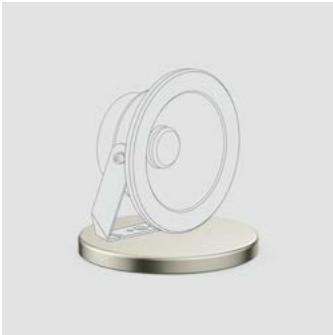
Mounting plate made of stainless steel
for underwater floodlights for screwless ground attachment
for fastening a floodlight bar using 2 M8 screws, distance apart 120 mm

Electropolished stainless steel, material number 1.4401

Mounting plate Ø 250 mm for the positioning of an underwater floodlight
if the floodlight will not be bolted to the structural substrate.

		A	B
71 265	Mounting plate for underwater floodlights made of cast brass	Ø 250	25

β = Half beam angle

Underwater floodlights
with integrated power supply unit

Protection class IP 68 20 m
Supply voltage 230 V AC · Safety class I
BEGA Thermal Management®
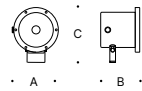Stainless steel, material no. 1.4301, electropolished · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Water-resistant cable: Cable length 4 m
Mounting bracket for horizontal and vertical floodlight adjustment

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	β	A	B	C
99 415	20.8 W	2170 lm	on/off	16°	220	195	270
99 445	20.8 W	2300 lm	on/off	54°	220	195	270

Underwater floodlights **with** integrated power supply unit · **230 V AC** · Safety class I

Underwater floodlights
without power supply unit

Protection class IP 68 20 m
Supply voltage 24 V DC · Safety class III
Stainless steel, material no. 1.4301, electropolished · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Water-resistant cable: Cable length 4 m

An external 24 V DC safety power supply unit is required to operate the luminaires.

Mounting bracket for horizontal and vertical floodlight adjustment

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
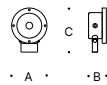
Underwater floodlights **without** power supply unit · **24 V DC** · Safety class III

	LED		PSU	A	B	C
99 115	13.9 W	1425 lm	without*	135	65	170
99 117	18.3 W	1835 lm	without*	190	95	235
84 399	62.0 W	4060 lm	without*	190	95	235

*Suitable 24 V DC safety power supply units for underwater luminaires can be found on Page 436.

Underwater floodlights ready for connection
Consisting of **one** or **two** floodlights
with external power supply unit and connecting cable with mains plug

Protection class IP 68 4 m · Safety class III
Stainless steel, material no. 1.4301, electropolished · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Water-resistant cable: Cable length 4 m
on/off power supply units · BEGA Thermal Management®
Mounting bracket for horizontal and vertical floodlight adjustment

Safety power supply unit: Protection class IP 66 · Safety class II
2 m connecting cable with type F/E mains plug · Safety plug IP 44

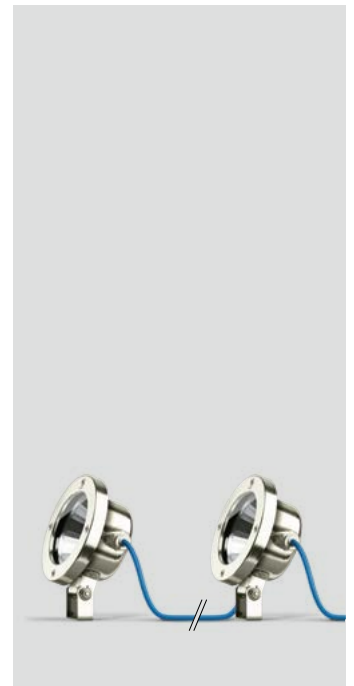Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
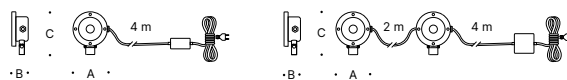
One ready-to-connect underwater floodlight and power supply unit

	LED		Controllable	A	B	C
99 524	19.5 W	1425 lm	on/off	135	65	170

Two ready-to-connect underwater floodlights and power supply unit

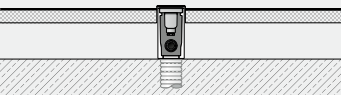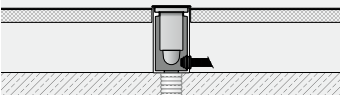|	LED		Controllable	A	B	C
99 526	40.0 W	2850 lm	on/off	135	65	170
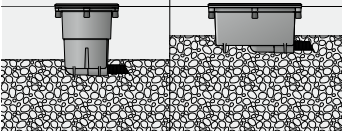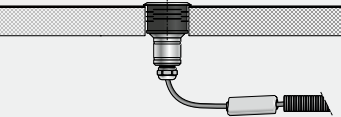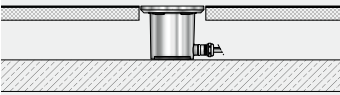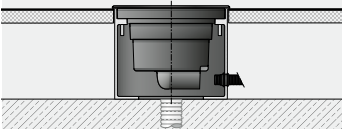
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

In-ground and on-ground luminaires · Overview

Our extensive and efficient in-ground luminaires series offers solutions for versatile lighting requirements. To help you get started quickly with the performance class and application range of your choice, this overview provides useful orientation. Comprehensive information about each in-ground luminaire type can be found on our website and in the luminaires' associated data sheets.

bega.com/in-ground

Page	144	146	147
Description	Walk-over floodlights **for installation in soil**	In-ground luminaires 24 V DC **with compact dimensions for installation in holes to be drilled by the customer**	In-ground luminaires **with compact dimensions for installation in paved surfaces** **for flush-mounting installation**
Pressure load	Resistant to foot traffic	1000 kg	2000 kg
Material	Stainless steel · Synthetic material	Stainless steel	Stainless steel · Cast stainless steel
Protection class	IP 67	IP 68 · 20 m	IP 68 · 10 m
Installation depth	85 – 170 mm	100 mm	60 · 100 mm
Size	Ø 110 · 145 mm □ 160 × 80 · 235 × 110 mm	Ø 37 · 50 · 75 mm	Ø 75 · 115 mm □ 75 · 115 mm
Light distribution			

Page	155	156	157
Description	In-ground luminaires **for installation in paved surfaces** **for installation situations with high pressure loads**	In-ground luminaires 24 V DC **for installation in paved surfaces** **for installation situations with shallow installation depths**	In-ground luminaires **for installation in paved surfaces** **for installation situations with shallow installation depths**
Pressure load	5000 kg	1000 kg	1000 kg
Material	S/steel · Cast aluminium · Synthetic material	Stainless steel · Aluminium	Stainless steel · Aluminium
Protection class	IP 68 · 10 m	IP 67	IP 67
Installation depth	170 mm	70 · 100 mm	130 mm
Size	□ 185 · 220 mm	Length: 100 · 200 · 400 · 1000 mm	Length: 535 · 1025 · 1520 mm
Light distribution			

Light distribution

Orientation luminaires

Floodlights
Symmetrically focused very narrow beam

Floodlights
Symmetrical narrow beam

Floodlights
Symmetrical wide beam

Matrix floodlights
Dynamically adjustable light distribution

Floodlights
Adjustable focused very narrow beam

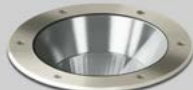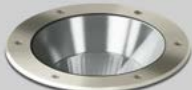Floodlights
Adjustable focused wide beam, minimal stray light
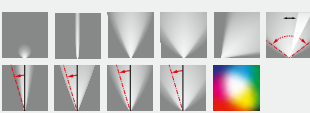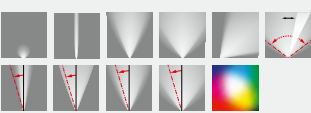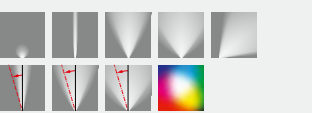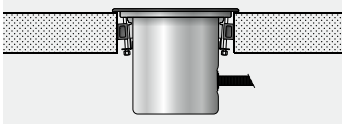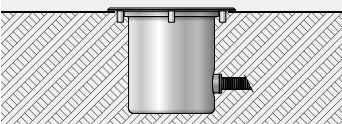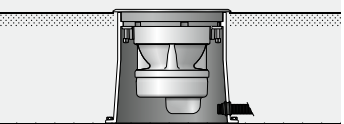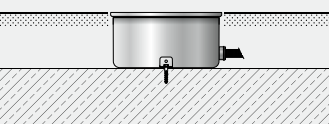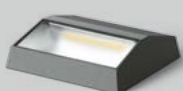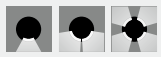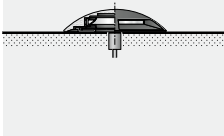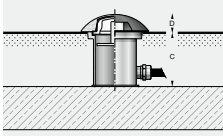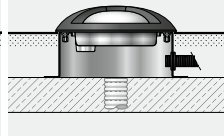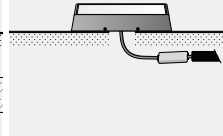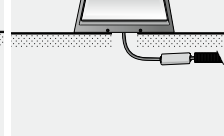
Floodlights
Adjustable wide beam

For more than 50 years, we have been working intensively on illumination from ground level. We had a formative influence on many of the current standards according to which the quality of this group of luminaires is judged. There is a large number of requirements that these luminaires have to meet and just as many installation situations.
The pressure loads to which a luminaire can be subjected when driven over are equally important as protection against flooding, for example.

Depending on the installation depth and ground quality at the installation site, the installation depth of a product and also the material of a luminaire may play a decisive role.

Along with in-ground luminaires, we also present on-ground luminaires here, which offer similar or identical functions and light outputs as their corresponding in-ground luminaire. These can provide an attractive alternative, particularly in situations where complete installation in the ground is not necessary or not desired.

148	150	152	154
In-ground luminaires	In-ground luminaires	In-ground luminaires	In-ground luminaires
for installation in round cut-outs created by the customer	**for installation in ground surfaces**	**for installation in paved surfaces**	**for installation situations with shallow installation depths**
		for installation situations with high pressure loads	**for flush-mounted installation**
2000 kg	2000 kg	5000 kg	3000 kg
Stainless steel	Stainless steel	S/steel · Cast aluminium · Synthetic material	Stainless steel · Cast stainless steel
IP 68 · 10 m	IP 68 · 10 m	IP 68 · 10 m	IP 68 · 10 m
80 – 225 mm	80 – 310 mm	220 – 250 mm	130 mm
Ø 155 · 205 · 245 · 280 · 330 mm	Ø 145 · 205 · 245 · 280 · 330 · 410 mm	Ø 205 · 240 · 330 mm	Ø 205 · 260 mm

158	159	159	160	161	161
On-ground luminaires	In-ground luminaires	In-ground luminaires	In-ground luminaires, wall washers	On-ground luminaires, wall washers	On-ground luminaires, wall washers · **Adjustable**
for the illumination of ground surfaces	**with compact dimensions**	**for installation situations with high pressure load**	**with a shallow installation depth**	**for installation on the ground**	**for installation on the ground**
	for the illumination of ground surfaces	**for the illumination of ground surfaces**	**for the illumination of vertical surfaces**	**for the illumination of vertical surfaces**	**with adjustable light distr. for the illumination of vertical surfaces**
1000 kg	1000 kg	4000 kg	1000 kg	–	–
S/steel · Cast aluminium	S/steel · Cast aluminium	Cast alum. · Synthetic material	Cast aluminium · Cast bronze	Cast aluminium	Cast aluminium
IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
–	95 mm	230 mm	110 mm	–	–
Ø 160 · 270 mm	Ø 120 mm	Ø 240 mm	Ø 285 mm	260 × 250 mm	265 × 255 mm

Floodlights
Symmetrical very wide beam

Floodlights
Adjustable very wide beam

Floodlights
Asymmetrical
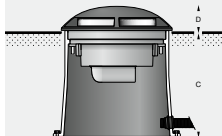
RGBW luminaires
Adjustable luminaires, orientation luminaires and wall washers

Wall washers
Asymmetrical very wide beam

Wall washers
Adjustable for the illumination of vertical surfaces

Walk-over floodlights for installation in soil

Walk-over in-ground luminaires as floodlights with symmetrical or asymmetrical light distribution specially designed for installation in gravel, lawns or flower beds in private gardens. They can be installed in soil without a drainage connection or foundation.

Perfect for showcasing or accentuating small trees, shrubs and other decorative objects in private gardens. Luminaires that allow you to experience the beauty of the garden even by night.

Floodlights
Symmetrical

Floodlights
Asymmetrical

Walk-over in-ground luminaires
for installation in soil

Pressure load	**Resistant to foot traffic**
Material	**Stainless steel · Synthetic material**
Protection class	**IP 67**
Installation depth	**120 · 170 mm**
Size Ø	**110 · 145 mm**

Trim ring made of stainless steel · Glass-fibre reinforced synthetic material
Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®
Integrated water stop and connecting cable

We recommend using BEGA distribution box 70 730 if through-wiring to another luminaire is required. For additional information, see Page 446.

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
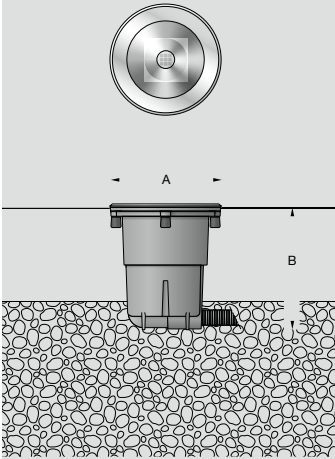
Floodlights · **Symmetrical** light distribution

	LED		Controllable	β	A	B
84 084	4.1 W	445 lm	on/off	29°	110	120
84 085	5.9 W	680 lm	on/off	31°	145	170

Floodlights · **Asymmetrical** light distribution

	LED		Controllable	β	A	B
84 086	4.1 W	435 lm	on/off	35/38°	110	120
84 087	5.9 W	685 lm	on/off	28/30°	145	170

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
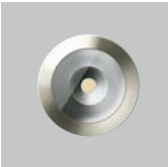
Walk-over floodlights for installation in soil

Walk-over in-ground luminaires as floodlights with symmetrical or asymmetrical light distribution specially designed for installation in gravel, lawns or flower beds in private gardens. They can be installed in soil without a drainage connection or foundation.

Floodlights for illuminating façade and wall surfaces as well as for showcasing and accentuating objects in gardens and garden areas.
In-ground luminaires that allow you to experience the beauty of the garden and its architectural details even by night.

Floodlights
Symmetrical

Floodlights
Asymmetrical

Walk-over in-ground luminaires
for installation in soil

Pressure load	**Resistant to foot traffic**
Material	**Stainless steel · Synthetic material**
Protection class	**IP 67**
Installation depth	**85 · 90 mm**
Size ☐	**160 · 240 mm**

Cover frame made of stainless steel · Glass-fibre reinforced synthetic material
Safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®
Integrated water stop and connecting cable

We recommend using BEGA distribution box 70 730 if through-wiring to another luminaire is required. For additional information, see Page 446.

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
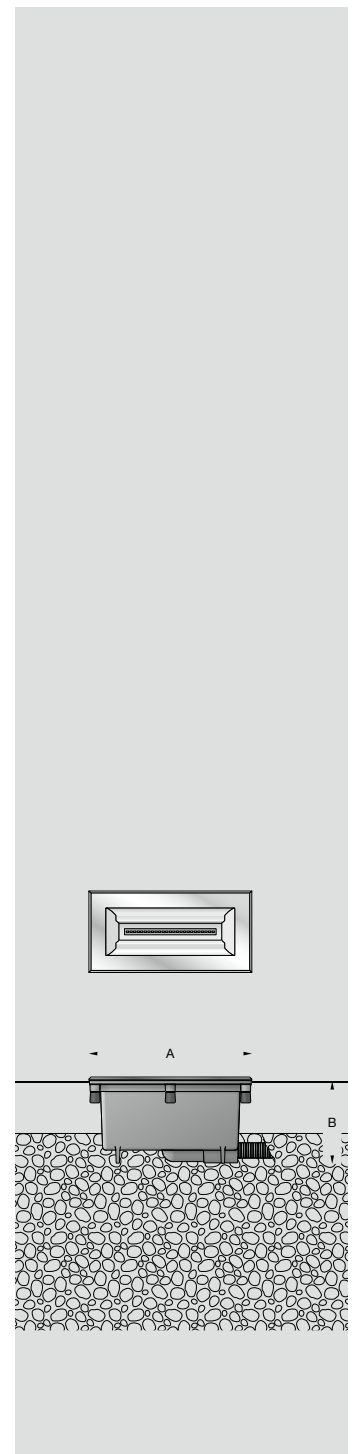
Floodlights · **Symmetrical** light distribution						
	LED		Controllable	β	A	B
84 088	4.7 W	570 lm	on/off	95/105°	160 × 80	85
84 089	6.7 W	820 lm	on/off	83/90°	235 ×110	95

Floodlights · **Asymmetrical** light distribution						
	LED		Controllable	β	A	B
84 090	4.7 W	530 lm	on/off	60/100°	160 × 80	85
84 091	6.7 W	735 lm	on/off	64/98°	235 ×110	95

β = Half beam angle

In-ground luminaires 24 V DC
with compact dimensions for installation in holes to be drilled by the customer

In-ground luminaires with compact dimensions, optionally available as orientation luminaires or floodlights, for installation in paved surfaces with holes drilled by the customer.
Installation housings made of stainless steel are available, should the installation situation require them.
For this installation situation you need to create a foundation with drainage.
The installation housings will transfer the permissible pressure load of 1000 kg to the foundation.
The luminaires can be driven over by vehicles with pneumatic tyres.

In-ground luminaires 24 V DC
with compact dimensions for installation in holes to be drilled by the customer

Pressure load	**1000 kg**
Material	**Stainless steel**
Protection class	**IP 68 · 20 m**
Installation depth	**100 mm**
Size Ø	**37 · 50 · 75 mm**

Safety class III
Stainless steel · Safety glass
Floodlight: Reflector surface made of pure aluminium · BEGA Constant Optics®
Installation sleeve made of glass fibre reinforced synthetic material
Integrated water stop and connecting cable

A separate 24 V DC power supply unit is required to operate the luminaires.
You will find suitable power supply units on Page 436.

We have a range of perfectly matched installation housings available as accessories for the various installation situations. Please refer to the installation housing data sheets on our website during the planning phase.

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

On request, the luminaires are available in the light colours green, blue, amber and red.

20-year availability guarantee for replacements

Orientation luminaires
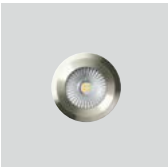
Floodlights
Symmetrical narrow beam
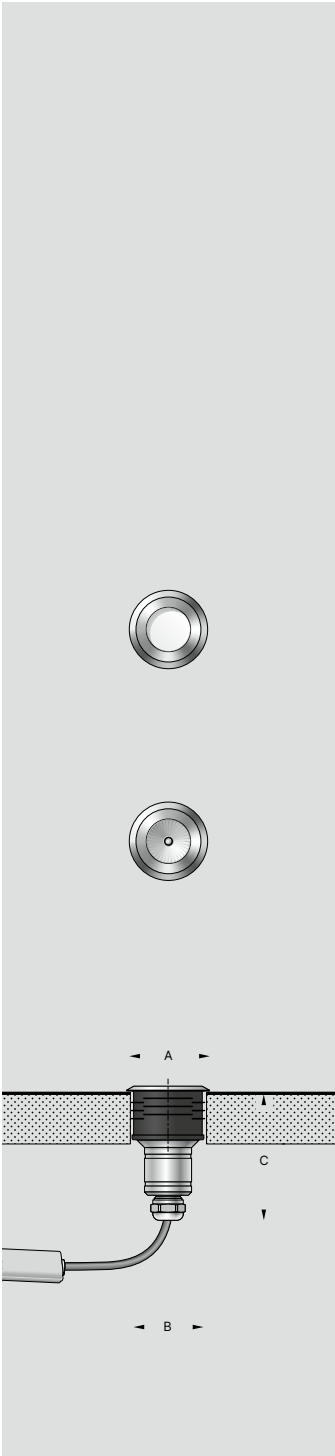
Orientation luminaires

	LED		PSU		A	B	C	
99 327	0.40 W	5 lm	without*		37	30	65	**70 778**
99 328	0.45 W	5 lm	without*		50	45	80	**70 779**
99 331	1.60 W	55 lm	without*		75	70	75	**70 745**

Floodlights · **Symmetrical narrow beam** light distribution

	LED		PSU	β	A	B	C	
99 356	0.5 W	30 lm	without*	14°	37	30	65	**70 778**
99 366	1.4 W	135 lm	without*	27°	50	45	80	**70 779**
99 396	4.0 W	270 lm	without*	14°	75	70	75	**70 745**

*Suitable 24 V DC power supply units can be found on Page 436.

β = Half beam angle   B = Ø recessed opening   Installation housing

In-ground luminaires
with compact dimensions for flush installation

In-ground luminaires with compact dimensions, specially designed for flush installation in paved ground surfaces – indoors and out. Luminaires optionally available in a round or square design with convincing LED technology and impressive material quality.
The luminaires are mounted in a housing made of cast stainless steel on a foundation provided by the customer that absorbs the pressure loads.
The luminaires can be driven over by vehicles with pneumatic tyres.

In-ground luminaires
with compact dimensions for flush installation
in paved ground surfaces

Pressure load	**2000 kg**
Materia	**Stainless steel · Cast stainless steel**
Protection class	**IP 68 · 10 m**
Installation depth	**60 · 100 mm**
Size □ · Ø	**75 · 115 mm**

Trim ring made of stainless steel · Luminaire housing made of cast stainless steel · Safety glass
Floodlight: Reflector made of pure anodised aluminium · BEGA Constant Optics®
Without power supply units or with on/off power supply units
BEGA Thermal Management®
Integrated water stop and connecting cable

A separate 24 V DC power supply unit with A = 75 mm is required to operate the luminaires.
You will find suitable power supply units on Page 436.

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

On request, the luminaires are available in the light colours green, blue, amber and red.

20-year availability guarantee for replacement parts and LED modules

Orientation luminaires

Floodlights
**Symmetrical and
asymmetrical**

Orientation luminaires · Round

	LED		PSU		A	B	C
77 027	0.8 W	25 lm	without* · 24 V DC		75	45 × 92	60
77 028	2.7 W	85 lm	on/off		115	80 × 130	100

Floodlights · **Symmetrical** light distribution · **Round**

	LED		PSU	β	A	B	C
77 017	1.5 W	140 lm	without* · 24 V DC	44°	75	45 × 92	60
77 018	4.1 W	360 lm	on/off	26°	115	80 × 130	100

Floodlights · **Asymmetrical** light distribution · **Round**

	LED		Controllable	β	A	B	C
77 019	4.1 W	380 lm	on/off	34°/35°	115	80 × 130	100

Orientation luminaires · **Square**

	LED		PSU		A	B	C
77 127	0.8 W	25 lm	without* · 24 V DC		75	45 × 92	60
77 128	2.7 W	85 lm	on/off		115	80 × 130	100

Floodlights · **Symmetrical** light distribution · **Square**

	LED		PSU	β	A	B	C
77 117	1.5 W	140 lm	without* · 24 V DC	44°	75	45 × 92	60
77 118	4.1 W	360 lm	on/off	26°	115	80 × 130	100

Floodlights · **Asymmetrical** light distribution · **Square**

	LED		Controllable	β	A	B	C
77 119	4.1 W	380 lm	on/off	34°/35°	115	80 × 130	100

*Safety class III · Suitable 24 V DC power supply units can be found on Page 436.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

max.t$_a$
30 – 55 °C
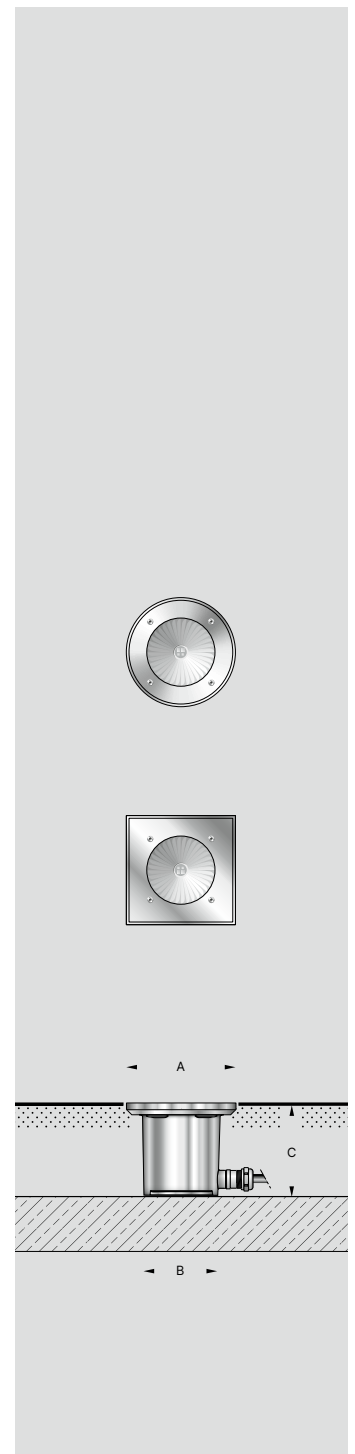
In-ground luminaires
for installation in round cut-outs created by the customer

An extensive and efficient series specially designed for installation in ground surfaces with holes drilled by the customer, both indoors and out. Different light characteristics and light outputs are available for your planning work.
The luminaire housings are made entirely of stainless steel. They are ideal for installation in core-drilled holes or cut-outs in floor sections. The BEGA mounting system allows fast, secure and accurately positioned installation of the luminaires.
The luminaires in this series can be driven over by vehicles with pneumatic tyres.

In-ground luminaires
for installation in round cut-outs created by the customer

Pressure load	**2000 kg**
Material	**Stainless steel**
Protection class	**IP 68 · 10 m**
Installation depth	**80 – 225 mm**
Size Ø	**155 – 330 mm**

Trim ring and luminaire housing made of stainless steel · Safety glass
Reflector surface made of pure aluminium
BEGA Ultimate Driver® · BEGA Thermal Management®

Integrated water stop and connecting cable

84 622 · 84 628 · 84 632 with internal louvre and ultra-black coating for maximum light absorption
Polymer lens made of BEGA NeoGlass® · BEGA Ultradark Optics®
BEGA Hybrid Optics®

Floodlights with symmetrically and asymmetrically wide beam light distribution and RGBW luminaires:
BEGA Constant Optics®

Matrix floodlights with dynamic light distribution can be adjusted with the BEGA Tool app.
Once configured, the luminaire can access a predefined setting in on/off mode, or call up one of many saved scene configurations via DALI.

The RGBW-luminaires can be controlled via a DALI colour light control (DT 8, RGBWAF, xy, TC).
Suitable DALI system components can be found on Pages 428 to 433.

With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass with DIN 51130.

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

0°–30°

A

C

B
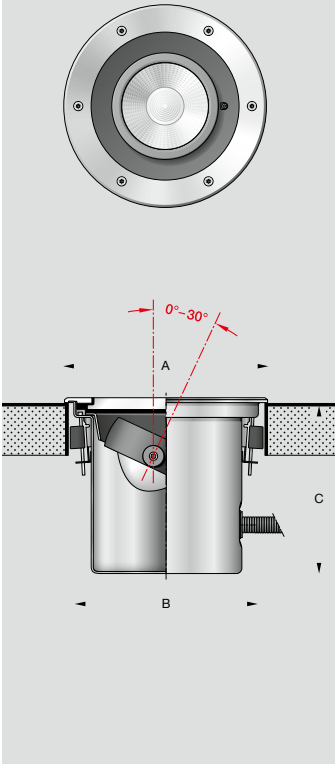
Orientation luminaires							
	LED		Controllable	max.t$_a$	A	B	C
77 812	2.7 W	95 lm	on/off	55 °C	155	145	80
77 813	3.9 W	225 lm	on/off	45 °C	205	182	80
77 814	4.8 W	185 lm	on/off	50 °C	245	225	90
77 815	9.2 W	600 lm	on/off	45 °C	330	300	100

Floodlights · **Symmetrical** light distribution								
Focused very narrow beam	LED		Controllable	β	max.t$_a$	A	B	C
85 041	16.0 W	505 lm	DALI	5°	45 °C	280	257	185
85 042	33.0 W	975 lm	DALI	5°	50 °C	330	300	225
Wide beam								
84 558	5.0 W	480 lm	on/off	21°	40 °C	155	145	150
84 559	13.0 W	1415 lm	DALI	22°	55 °C	205	182	170
84 560	26.2 W	2565 lm	DALI	17°	50 °C	245	225	185
84 561	38.4 W	4055 lm	DALI	21°	50 °C	330	300	225
Very wide beam								
84 576	5.1 W	425 lm	on/off	54°	30 °C	155	145	150
84 351	9.5 W	840 lm	DALI	53°	50 °C	205	182	170
84 352	16.0 W	1535 lm	DALI	54°	50 °C	245	225	185
84 353	30.0 W	2960 lm	DALI	54°	50 °C	330	300	225

Wall washers · **Asymmetrical very wide beam** light distribution								
	LED		Controllable	β	max.t$_a$	A	B	C
84 766	5.1 W	415 lm	on/off	43/54°	40 °C	155	145	150
84 229	9.5 W	790 lm	DALI	40/55°	50 °C	205	182	170
84 230	16.0 W	1405 lm	DALI	41/54°	50 °C	245	225	185
84 231	30.0 W	2785 lm	DALI	40/55°	50 °C	330	300	225

β = Half beam angle   max.t$_a$ = maximum permissible ambient temperature   B = Ø recessed opening   Diffuser lenses · Flat beam   Louvres

Orientation luminaires

Floodlights
**Symmetrical focused
very narrow beam**

Floodlights
**Symmetrical
wide beam**

Floodlights
**Symmetrical
very wide beam**

Wall washers
**Asymmetrical
very wide beam**

Floodlights
Adjustable

Matrix floodlights
**Dynamically
adjustable light
distribution**

Floodlights
**Adjustable,
with minimal diffuse
light percentage**

RGBW-floodlights
Adjustable

Floodlights · **Adjustable from 0° – 30° · 360° rotation · Symmetrical** light distribution

Accessories

Focused very narrow beam

	LED		Controllable	β	max. t$_a$	A	B	C			
84 785	14.3 W	880 lm	DALI	9°	50 °C	205	182	170		**10 014**	Integrated
84 788	28.0 W	1580 lm	DALI	8°	50 °C	280	257	185		**10 016**	Integrated
84 791	41.0 W	2175 lm	DALI	10°	50 °C	330	300	225		**10 019**	Integrated

Wide beam

	LED		Controllable	β	max. t$_a$	A	B	C			
84 783	4.9 W	445 lm	on/off	17°	45 °C	155	145	150		**10 013**	—
84 786	13.5 W	1435 lm	DALI	22°	55 °C	205	182	170		**10 014**	**71 215**
84 789	26.2 W	2555 lm	DALI	18°	50 °C	280	257	185		**10 016**	**71 119**
84 792	38.5 W	3590 lm	DALI	24°	50 °C	330	300	225		**10 019**	**71 112**

Very wide beam

	LED		Controllable	β	max. t$_a$	A	B	C			
84 784	4.9 W	425 lm	on/off	58°	45 °C	155	145	150		**10 013**	
84 787	13.5 W	1410 lm	DALI	52°	55 °C	205	182	170		**10 014**	
84 790	26.2 W	2555 lm	DALI	48°	50 °C	280	257	185		**10 016**	
84 793	38.5 W	3680 lm	DALI	64°	50 °C	330	300	225		**10 019**	

Matrix floodlights with **dynamically adjustable** light distribution

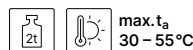|	LED		Controllable	β	max. t$_a$	A	B	C
85 037	25.0 W	1375 lm	DALI	50°	35 °C	245	225	185

BEGA Ultradark Optics® · Focused wide beam, with minimal diffuse light percentage

Focused wide beam

	LED		Controllable	β	max. t$_a$	A	B	C
84 622	11.8 W	885 lm	DALI	25°	50 °C	205	182	170
84 628	21.5 W	1885 lm	DALI	25°	50 °C	280	257	185
84 632	34.4 W	3165 lm	DALI	25°	50 °C	330	300	225

RGBW-floodlights · **0° – 30° adjustable · 360° rotatable · Symmetrical** light distribution

Accessories

Wide beam

	LED		Controllable	β	max. t$_a$	A	B	C		
84 771	14.0 W	615 lm	DALI DT 8	27°	50 °C	205	182	170		**10 014**
84 773	23.3 W	1160 lm	DALI DT 8	24°	50 °C	280	257	185		**10 016**
84 775	38.6 W	2155 lm	DALI DT 8	24°	50 °C	330	300	225		**10 019**

Very wide beam

	LED		Controllable	β	max. t$_a$	A	B	C		
84 772	14.0 W	565 lm	DALI DT 8	65°	50 °C	205	182	170		**10 014**
84 774	23.3 W	1220 lm	DALI DT 8	50°	50 °C	280	257	185		**10 016**
84 776	38.6 W	2105 lm	DALI DT 8	50°	50 °C	330	300	225		**10 019**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

	max.t$_a$
2t	30 – 55°C

In-ground luminaires for installation in ground surfaces

An extensive and efficient series of in-ground luminaires for use both indoors and out. Different light characteristics and light outputs are available for your planning work. The luminaire housings are made entirely of stainless steel.
Depending on the installation situation, the luminaires can be installed using installation housings or simply "floating", e.g. in gravel, lawns, flowerbeds or paved surfaces. If the luminaires are to be used with an installation housing, a foundation with drainage must be provided by the customer.
The luminaires in this series can be driven over by vehicles with pneumatic tyres.

In-ground luminaires
for installation in ground surfaces

Pressure load	**2000 kg**
Material	**Stainless steel**
Protection class	**IP 68 · 10 m**
Installation depth	**80 – 310 mm**
Size Ø	**145 – 410 mm**

Trim ring and luminaire housing made of stainless steel · Safety glass
Reflector surface made of pure aluminium
BEGA Ultimate Driver® · BEGA Thermal Management®
Integrated water stop and connecting cable

84629 · 84630 · 84631 with internal louvre and ultra-black coating for maximum light absorption
Polymer lens made of BEGA NeoGlass® · BEGA Ultradark Optics®
BEGA Hybrid Optics®

Floodlights with symmetrically and asymmetrically wide beam light distribution and RGBW luminaires:
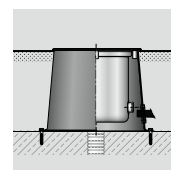BEGA Constant Optics®

Matrix floodlights with dynamic light distribution can be adjusted with the BEGA Tool app.
Once configured, the luminaire can access a predefined setting in on/off mode, or call up one of many saved scene configurations via DALI.

The RGBW-luminaires can be controlled via a DALI colour light control (DT 8, RGBWAF, xy, TC).
Suitable DALI system components can be found on Pages 428 to 433.

With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass with DIN 51130 R13.

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

If the luminaires are to be used with an installation housing, a foundation with drainage must be provided by the customer.
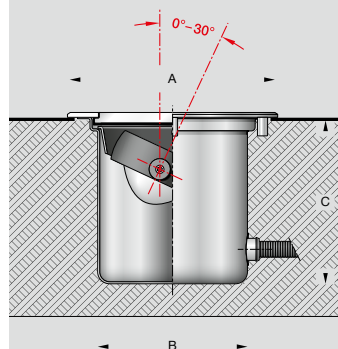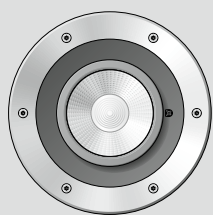
Orientation luminaires

	LED		Controllable	max.t$_a$	A	B	C		
77 055	2.7 W	95 lm	on/off	55°C	145	95	80		70 693
77 056	3.9 W	225 lm	on/off	45°C	205	140	80		70 680
77 057	4.8 W	185 lm	on/off	50°C	245	175	90		70 687
77 058	9.2 W	600 lm	on/off	45°C	330	240	100		70 688

Floodlights · **Symmetrical** light distribution

Focused very narrow beam	LED		Controllable	β	max.t$_a$	A	B	C		
85 038	16.0 W	505 lm	DALI	5°	45°C	280	200	185		70 694
85 039	33.0 W	975 lm	DALI	5°	50°C	330	240	225		70 688
85 040	58.0 W	2220 lm	DALI	5°	50°C	410	325	310		70 699
Wide beam										
84 554	5.0 W	470 lm	on/off	20°	40°C	145	95	140		70 693
84 555	13.0 W	1415 lm	DALI	22°	55°C	205	140	165		70 680
84 556	26.2 W	2565 lm	DALI	17°	50°C	245	175	185		70 687
84 557	38.4 W	4055 lm	DALI	21°	50°C	330	240	225		70 688
Very wide beam										
84 572	5.1 W	440 lm	on/off	56°	30°C	145	95	140		70 693
84 307	9.5 W	840 lm	DALI	53°	50°C	205	140	165		70 680
84 308	16.0 W	1535 lm	DALI	54°	50°C	245	175	185		70 687
84 309	30.0 W	2960 lm	DALI	54°	50°C	330	240	225		70 688

Wall washers · **Asymmetrical very wide beam** light distribution

	LED		Controllable	β	max.t$_a$	A	B	C		
84 767	5.1 W	420 lm	on/off	45/52°	40°C	145	95	140		70 693
84 153	9.5 W	790 lm	DALI	40/55°	50°C	205	140	165		70 680
84 154	16.0 W	1405 lm	DALI	41/54°	50°C	245	175	185		70 687
84 155	30.0 W	2785 lm	DALI	40/55°	50°C	330	240	225		70 688

β = Half beam angle   max.t$_a$ = Maximum permissible ambient temperature   ⬒ Installation housing   ▬ Diffuser lenses · Flat beam   ⊛ Louvres

Orientation luminaires

Floodlights
**Symmetrical focused
very narrow beam**

Floodlights
**Symmetrical
wide beam**

Floodlights
**Symmetrical
very wide beam**

Wall washers
**Asymmetrical
very wide beam**

Floodlights
Adjustable

Matrix floodlights
**Dynamically
adjustable light
distribution**

Floodlights
**Adjustable,
with minimal diffuse
light percentage**

RGBW-floodlights
Adjustable

	Floodlights · **Adjustable from 0° – 30° · 360° rotation · Symmetrical** light distribution								Accessories		
Focused very narrow beam	LED		Controllable	β	max.t_a	A	B	C	⊓	▭	⊕
84 796	14.3 W	880 lm	DALI	9°	50°C	205	140	165	**70 680**	**10 014**	Integrated
84 799	28.0 W	1580 lm	DALI	8°	50°C	280	200	185	**70 694**	**10 016**	Integrated
84 802	41.0 W	2175 lm	DALI	10°	50°C	330	240	225	**70 688**	**10 019**	Integrated
84 891	78.0 W	4245 lm	DALI	10°	50°C	410	325	310	**70 699**	**13 607**	Integrated
Wide beam											
84 794	4.9 W	445 lm	on/off	17°	45°C	145	95	140	**70 693**	**10 013**	—
84 797	13.5 W	1435 lm	DALI	22°	55°C	205	140	165	**70 680**	**10 014**	**71 215**
84 800	26.2 W	2555 lm	DALI	18°	50°C	280	200	185	**70 694**	**10 016**	**71 119**
84 803	38.5 W	3590 lm	DALI	24°	50°C	330	240	225	**70 688**	**10 019**	**71 112**
84 892	76.0 W	7440 lm	DALI	27°	50°C	410	325	310	**70 699**	**13 607**	**71 073**
Very wide beam											
84 795	4.9 W	425 lm	on/off	58°	45°C	145	95	140	**70 693**	**10 013**	
84 798	13.5 W	1410 lm	DALI	52°	55°C	205	140	165	**70 680**	**10 014**	
84 801	26.2 W	2555 lm	DALI	48°	50°C	280	200	185	**70 694**	**10 016**	
84 804	38.5 W	3680 lm	DALI	64°	50°C	330	240	225	**70 688**	**10 019**	
84 893	76.0 W	7210 lm	DALI	56°	50°C	410	325	310	**70 699**	**13 607**	

	Matrix floodlights with **dynamically adjustable** light distribution									
	LED		Controllable	β	max.t_a	A	B	C	⊓	
85 036	25.0 W	1375 lm	DALI	50°	35°C	245	175	185	**70 687**	

	BEGA Ultradark Optics® · Focused wide beam, with minimal diffuse light percentage									
Focused wide beam	LED		Controllable	β	max.t_a	A	B	C	⊓	
84 629	11.8 W	885 lm	DALI	25°	50°C	205	140	165	**70 680**	
84 630	21.5 W	1885 lm	DALI	25°	50°C	280	200	185	**70 694**	
84 631	34.4 W	3165 lm	DALI	25°	50°C	330	240	225	**70 688**	

	RGBW-floodlights · **Adjustable from 0° – 30° · 360° rotationable · Symmetrical** light distribution								Accessories	
Wide beam	LED		Controllable	β	max.t_a	A	B	C	⊓	▭
84 777	14.0 W	615 lm	DALI DT8	27°	50°C	205	140	165	**70 680**	**10 014**
84 779	23.3 W	1160 lm	DALI DT8	24°	50°C	280	200	185	**70 694**	**10 016**
84 781	38.6 W	2155 lm	DALI DT8	24°	50°C	330	240	225	**70 688**	**10 019**
Very wide beam										
84 778	14.0 W	565 lm	DALI DT8	65°	50°C	205	140	165	**70 680**	**10 014**
84 780	23.3 W	1220 lm	DALI DT8	50°	50°C	280	200	185	**70 694**	**10 016**
84 782	38.6 W	2105 lm	DALI DT8	50°	50°C	330	240	225	**70 688**	**10 019**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

In-ground luminaires

max.t$_a$
35 – 60 °C

In-ground luminaires
for installation in paved surfaces
for installation situations with high pressure loads

Drive-over, in-ground luminaires with high light output as orientation luminaires and floodlights
for installation in paved ground surfaces both indoors and out.
The luminaires from this series are installed as orientation luminaires and floodlights in paved
surfaces with the highest pressure loads, for example in temporary thoroughfares. They can
be driven over by vehicles with pneumatic tyres up to a pressure load of 5000 kilograms.
Before the luminaires are installed, a foundation including drainage must be provided
by the customer to absorb the pressure loads of the luminaires.

In-ground luminaires
for installation in paved surfaces
for installation situations with high pressure loads

Pressure load	**5000 kg**
Material	**Stainless steel · Cast aluminium · Synthetic material**
Protection class	**IP 68 · 10 m**
Installation depth	**220 – 250 mm**
Size Ø	**205 · 240 · 330 mm**

Trim ring made of stainless steel · High-strength cast aluminium · Glass fibre reinforced synthetic material
BEGA Tricoat® coating technology
Safety glass · Floodlight reflector surface made of pure aluminium
BEGA Ultimate Driver® · BEGA Thermal Management®
Integrated water stop and connecting cable

BEGA Hybrid Optics®

Floodlights with symmetrically and asymmetrically wide beam light distribution and RGBW luminaires:
BEGA Constant Optics®

The RGBW-luminaires can be controlled via a DALI colour light control (DT 8, RGBWAF, xy, TC).
Suitable DALI system components can be found on Pages 428 to 433.

With the additional specification **R** after the article number, we can supply all luminaires
with skid-blocking glass with DIN 51130 R13.

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

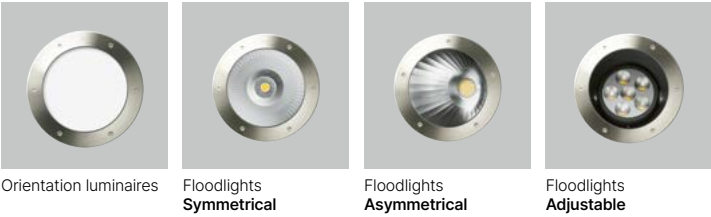20-year availability guarantee for replacement parts and LED modules

0°–25°

A

C

B
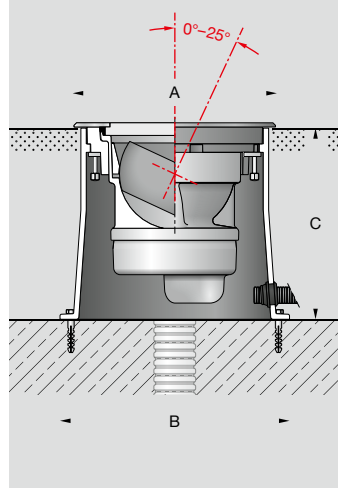
Orientation luminaires

	LED		Controllable		max.t$_a$	A	B	C
84 289	4.1 W	165 lm	on/off		50 °C	205	250	220
84 454	5.0 W	280 lm	on/off		50 °C	240	275	230
84 290	7.7 W	550 lm	on/off		45 °C	330	355	250

Floodlights · **Symmetrical** light distribution

Focused very narrow beam	LED		Controllable	β	max.t$_a$	A	B	C
84 255	16.5 W	485 lm	DALI	5°	35 °C	240	275	230
85 043	33.0 W	975 lm	DALI	5°	50 °C	330	355	250
Wide beam								
84 292	18.7 W	2020 lm	DALI	20°	50 °C	205	250	220
84 293	18.7 W	2055 lm	DALI	30°	50 °C	205	250	220
84 455	32.5 W	3250 lm	DALI	17°	50 °C	240	275	230
84 265	32.5 W	3120 lm	DALI	30°	50 °C	240	275	230
84 296	50.8 W	5300 lm	DALI	20°	50 °C	330	355	250
84 297	50.8 W	5160 lm	DALI	35°	50 °C	330	355	250
Very wide beam								
84 294	18.0 W	1760 lm	DALI	49°	45 °C	205	250	220
84 266	30.5 W	3110 lm	DALI	53°	50 °C	240	275	230
84 298	50.0 W	5105 lm	DALI	54°	50 °C	330	355	250

Wall washers · **Asymmetrical very wide beam** light distribution

	LED		Controllable	β	max.t$_a$	A	B	C
84 299	18.0 W	1705 lm	DALI	36/46°	35 °C	205	250	220
84 456	30.5 W	3315 lm	DALI	41/48°	50 °C	240	275	230
84 300	50.0 W	5360 lm	DALI	40/53°	50 °C	330	355	250

β = Half beam angle   max. t$_a$ = maximum permissible ambient temperature   Flat beam diffuser lenses   Louvres

| Orientation luminaires | Floodlights **Symmetrical focused very narrow beam** | Floodlights **Symmetrical wide beam** | Floodlights **Symmetrical very wide beam** | Floodlights **Asymmetrical very wide beam** | Floodlights **Adjustable** | RGBW-floodlights **Adjustable** |

	Floodlights · **0° – 25° adjustable** · **360° rotation** · **Symmetrical** light distribution									Accessories	
Focused very narrow beam	LED		Controllable	β	max. t$_a$	A	B	C			
84 895	14.3 W	890 lm	DALI	9°	60 °C	205	250	220		**10 014**	Integrated
84 898	28.0 W	1435 lm	DALI	8°	50 °C	240	275	230		**13 608**	Integrated
84 901	48.0 W	2315 lm	DALI	10°	50 °C	330	355	250		**10 019**	Integrated
Wide beam											
84 896	19.7 W	2015 lm	DALI	21°	50 °C	205	250	220		**10 014**	**71 215**
84 899	33.0 W	3030 lm	DALI	18°	50 °C	240	275	230		**13 608**	**71 119**
84 902	50.0 W	4485 lm	DALI	24°	50 °C	330	355	250		**10 019**	**71 112**
Very wide beam											
84 897	19.7 W	2015 lm	DALI	50°	50 °C	205	250	220		**10 014**	
84 900	33.0 W	2915 lm	DALI	46°	50 °C	240	275	230		**13 608**	
84 903	50.0 W	4455 lm	DALI	64°	50 °C	330	355	250		**10 019**	

	RGBW-floodlights · **0° – 25° adjustable** · **360° rotation** · **Symmetrical** light distribution										
Wide beam	LED		Controllable	β	max. t$_a$	A	B	C			
84 877	14.0 W	670 lm	DALI DT 8	28°	50 °C	205	250	220		**10 014**	
84 879	23.3 W	1140 lm	DALI DT 8	24°	50 °C	240	275	230		**13 608**	
84 881	38.6 W	2240 lm	DALI DT 8	24°	50 °C	330	355	250		**10 019**	
Very wide beam											
84 878	14.0 W	640 lm	DALI DT 8	66°	50 °C	205	250	220		**10 014**	
84 880	23.3 W	1145 lm	DALI DT 8	50°	50 °C	240	275	230		**13 608**	
84 882	38.6 W	2175 lm	DALI DT 8	50°	50 °C	330	355	250		**10 019**	

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

max.t_a
50 °C

In-ground luminaires for installation situations
with shallow installation depths and for flush installations

Thanks to their low height, these luminaires are particularly suitable for areas where only a limited installation depth is available, e.g. parking decks or suspended ceilings, both indoors and out. Before the luminaires are installed, the customer must lay a foundation to absorb the pressure loads of the luminaires.
The luminaires can be driven over by vehicles with pneumatic tyres.

Orientation luminaires	Floodlights **Symmetrical**	Floodlights **Asymmetrical**	Floodlights **Adjustable**

In-ground luminaires
for installation situations with shallow installation depths and for flush installations

Pressure load	**3000 kg**
Material	**Stainless steel · Cast stainless steel**
Protection class	**IP 68 · 10 m**
Installation depth	**130 mm**
Size Ø	**205 · 260 mm**

Trim ring and luminaire housing made of stainless steel and cast stainless steel · Safety glass
Floodlights with reflectors made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off or DALI controllable
BEGA Thermal Management®
Integrated water stop and connecting cable

With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass with DIN 51130 R13.

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

On request, the luminaires are available in the light colours green, blue, amber and red.

20-year availability guarantee for replacement parts and LED modules

0°-30°

A

C

B
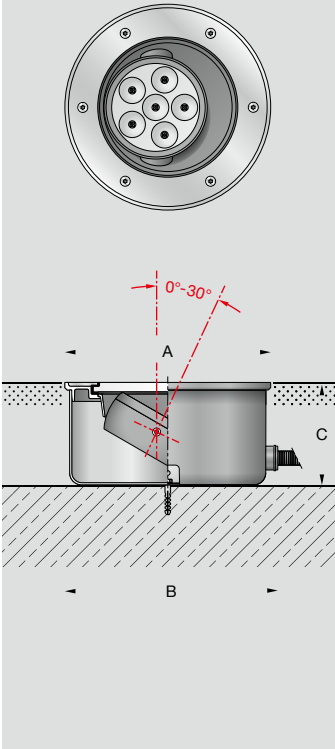
	Orientation luminaires						
	LED		Controllable	max.t_a	A	B	C
77 162	4.1 W	70 lm	on/off	50 °C	205	210	130
77 163	5.0 W	95 lm	on/off	50 °C	260	270	130

	Floodlights · **Symmetrical** light distribution							
	LED		Controllable	β	max.t_a	A	B	C
77 961	10.0 W	1020 lm	DALI	20°	50 °C	205	210	130
77 964	16.0 W	1875 lm	DALI	27°	50 °C	260	270	130

|	Floodlights · **Asymmetrical** light distribution							
	LED		Controllable	β	max.t_a	A	B	C
77 971	10.0 W	1050 lm	DALI	28/29°	50 °C	205	210	130
77 979	16.0 W	1995 lm	DALI	28/27°	50 °C	260	270	130

	Floodlights · **0° – 30° adjustable · 180° rotation · Symmetrical** light distribution							
	LED		Controllable	β	max.t_a	A	B	C
77 177	10.0 W	800 lm	DALI	11°	50 °C	205	210	130
77 920	13.8 W	1055 lm	DALI	13°	50 °C	260	270	130

Accessories

70 271	**70 272**
70 273	**70 274**

β = Half beam angle   max. t_a = maximum permissible ambient temperature   Diffuser lenses   Wide beam   Flat beam

In-ground luminaires for installation situations with high pressure load

max.t$_a$
50°C

Our patented reflectors (European Patent EP 3098504) enable perfect light deflection through intensive concentration of the light with maximum visual comfort. These luminaires are ideal for areas subject to heavy use.
The installation housing made of highly corrosion-resistant aluminium sits on its own foundation and can withstand pressure loads of up to 5000 kg. Before the luminaires are installed, a foundation including drainage must be provided by the customer to absorb the pressure loads of the luminaires.
The luminaires can be driven over by vehicles with pneumatic tyres.

Orientation luminaires	Floodlights **Symmetrical**	Floodlights **Asymmetrical**	Orientation luminaires **RGBW**
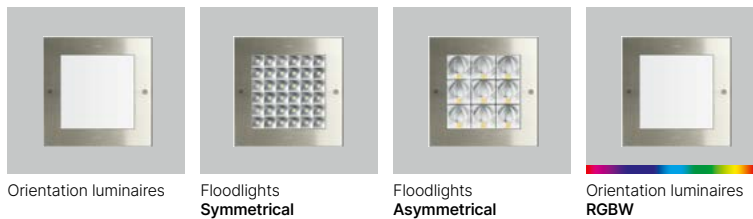
In-ground luminaires
for installation situations with high pressure load

Pressure load	**5000 kg**
Material	**Stainless steel · Cast aluminium · Synthetic material**
Protection class	**IP 68 · 10 m**
Installation depth	**170 mm**
Size □	**185 · 220 mm**

Cover frame made of stainless steel · High-strength cast aluminium · Glass fibre reinforced synthetic material
BEGA Tricoat® coating technology
Safety glass · Floodlight: Reflector surface made of pure aluminium
BEGA Vortex Optics® (European Patent EP 3098504)
BEGA Ultimate Driver® · BEGA Thermal Management®
Integrated water stop and connecting cable

The RGBW-luminaires can be controlled via a DALI colour light control (DT 8, RGBWAF, xy, TC). DALI system components can be found on Pages 428 to 433.
With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass with DIN 51130 R13.

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

On request, the luminaires are available in the light colours green, blue, amber and red.

20-year availability guarantee for replacement parts and LED modules

Orientation luminaires

	LED		Controllable	max.t$_a$	A	B	C
84 286	3.9 W	240 lm	on/off	50°C	1859	1809	170
84 287	4.8 W	330 lm	on/off	50°C	2209	2159	170

Floodlights · **Symmetrical** light distribution

	LED		Controllable	β	max.t$_a$	A	B	C
Narrow beam								
84 280	18.7 W	1320 lm	DALI	24°	50°C	1859	1809	170
84 281	35.3 W	2585 lm	DALI	24°	50°C	2209	2159	170
Wide beam								
84 283	18.7 W	1795 lm	DALI	43°	50°C	1859	1809	170
84 284	35.3 W	3290 lm	DALI	43°	50°C	2209	2159	170

Wall washers · **Asymmetrical wide beam** light distribution

	LED		Controllable	β	max.t$_a$	A	B	C
84 277	18.7 W	1550 lm	DALI	42/50°	50°C	1859	1809	170
84 278	35.3 W	2695 lm	DALI	42/50°	50°C	2209	2159	170

RGBW orientation luminaires

	LED		Controllable	max.t$_a$	A	B	C
84 910	12.0 W	410 lm	DALI DT 8	50°C	1859	1809	170
84 911	20.4 W	820 lm	DALI DT 8	50°C	2209	2159	170

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
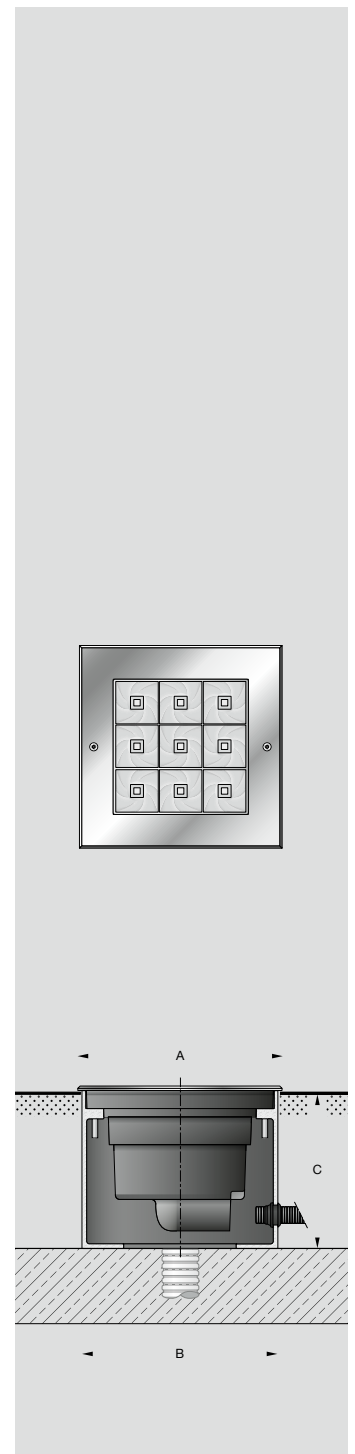
In-ground luminaires 24 V DC
for installation in paved surfaces
for installation situations with shallow installation depths

Linear in-ground luminaires in various lengths for installation in paved ground surfaces indoors and out. The various lengths and the compact dimensions allow a multitude of design possibilities with linear light from ground level.
Before the luminaires are installed, a foundation including drainage must be provided by the customer to absorb the pressure loads of the luminaires.
The luminaires can be driven over by vehicles with pneumatic tyres.

Orientation luminaires	In-ground luminaires **Symmetrical**	In-ground luminaires **Asymmetrical**	Orientation luminaires **RGB**
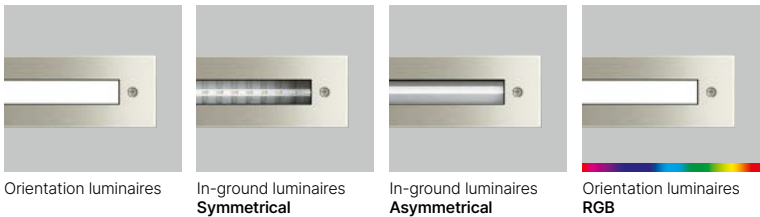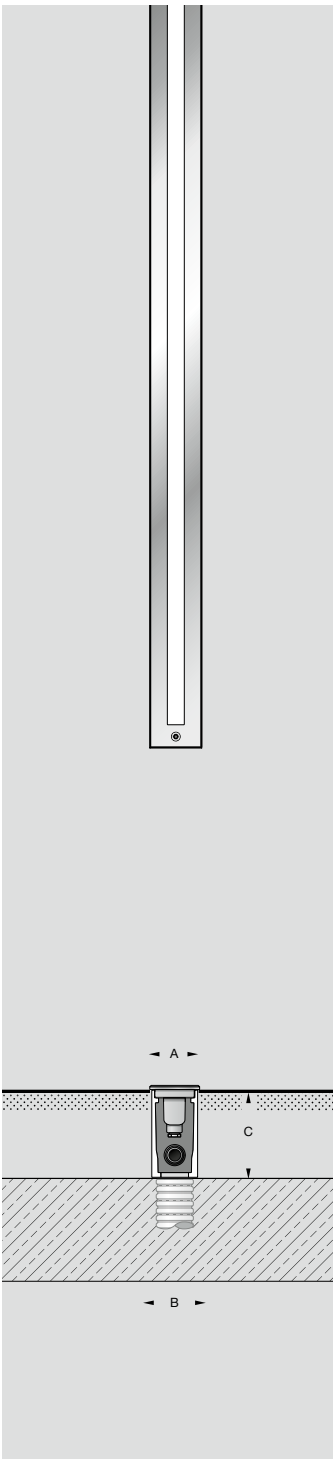
In-ground luminaires made of stainless steel 24 V DC
for installation in paved surfaces
for installation situations with shallow installation depths

Pressure load	**1000 kg**
Material	**Stainless steel · Aluminium**
Protection class	**IP 67**
Installation depth	**70 · 100 mm**
Length	**100 · 200 · 400 · 1000 mm**

Safety class III
Cover frame and luminaire housing made of stainless steel · Installation housing made of aluminium
Safety glass · Reflector made of pure anodised aluminium · Connecting cable

A separate 24 V DC power supply unit is required to operate the luminaires.
For more information, see Page 436.

Operating the RGB luminaires also requires an operating device and colour light control.
DALI system components can be found on Pages 428 to 433.

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Orientation luminaires

	LED		PSU	A	B	C
88 300	0.6 W	2 lm	without*	100 × 37	34	70
88 301	0.4 W	4 lm	without*	200 × 37	34	70
88 302	0.7 W	15 lm	without*	400 × 37	34	70
88 303	2.3 W	55 lm	without*	1000 × 55	51	100

In-ground luminaires · **Symmetrical** light distribution

	LED		PSU	A	B	C
77 004	3.6 W	200 lm	without*	400 × 55	51	100
77 012	10.5 W	580 lm	without*	1000 × 55	51	100

In-ground luminaires · **Asymmetrical** light distribution

	LED		PSU	A	B	C
77 001	3.6 W	170 lm	without*	400 × 55	51	100
77 002	10.5 W	495 lm	without*	1000 × 55	51	100

RGB-orientation luminaires

	LED		PSU	A	B	C
88 897	4.1 W	45 lm	without*	200 × 37	34	70
88 898	10.2 W	115 lm	without*	400 × 37	34	70
88 899	25.0 W	265 lm	without*	1000 × 55	51	100

*Suitable 24 V DC power supply units can be found on Page 436.

β = Half beam angle

In-ground luminaires
for installation in paved surfaces
for installation situations with shallow installation depths

Drive-over, in-ground luminaires with high light output for installation in paved ground surfaces – indoors and out.
Our patented reflectors (European Patent EP 3098504) enable perfect light deflection through intensive concentration of the light with maximum visual comfort.
Before the luminaires are installed, a foundation including drainage must be provided by the customer to absorb the pressure loads of the luminaires.
The luminaires can be driven over by vehicles with pneumatic tyres.

Orientation luminaires	Floodlights **Narrow beam**	Floodlights **Wide beam**	Floodlights **Asymmetrical**

Stainless steel in-ground luminaires
for installation in paved surfaces
for installation situations with shallow installation depths

Pressure load	**1000 kg**
Material	**Stainless steel · Aluminium**
Protection class	**IP 67**
Installation depth	**130 mm**
Length	**535 · 1025 · 1520 mm**

Cover frame made of stainless steel · Luminaire housing and recessed housing made of aluminium
Safety glass · Floodlight: Reflector surface made of pure aluminium
BEGA Vortex Optics® (European Patent EP 3098504)
BEGA Thermal Management®
Integrated water stop and connecting cable

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Orientation luminaires

	LED		Controllable		A	B	C
84 156	18.3 W	1005 lm	DALI		535 × 82	78	130
84 157	35.6 W	2030 lm	DALI		1025 × 82	78	130
84 158	53.0 W	3235 lm	DALI		1520 × 82	78	130

Floodlights · **Symmetrical** light distribution

Narrow beam	LED		Controllable	β	A	B	C
84 159	18.3 W	1220 lm	DALI	34°	535 × 82	78	130
84 160	35.6 W	2175 lm	DALI	34°	1025 × 82	78	130
84 161	53.0 W	3405 lm	DALI	34°	1520 × 82	78	130
Wide beam							
84 165	18.3 W	1880 lm	DALI	55°	535 × 82	78	130
84 166	35.6 W	3655 lm	DALI	55°	1025 × 82	78	130
84 167	53.0 W	5720 lm	DALI	55°	1520 × 82	78	130

Floodlights · **Asymmetrical** light distribution

	LED		Controllable	β	A	B	C
84 162	18.3 W	1610 lm	DALI	46/53°	535 × 82	78	130
84 163	35.6 W	3235 lm	DALI	46/53°	1025 × 82	78	130
84 164	53.0 W	4905 lm	DALI	46/53°	1520 × 82	78	130

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
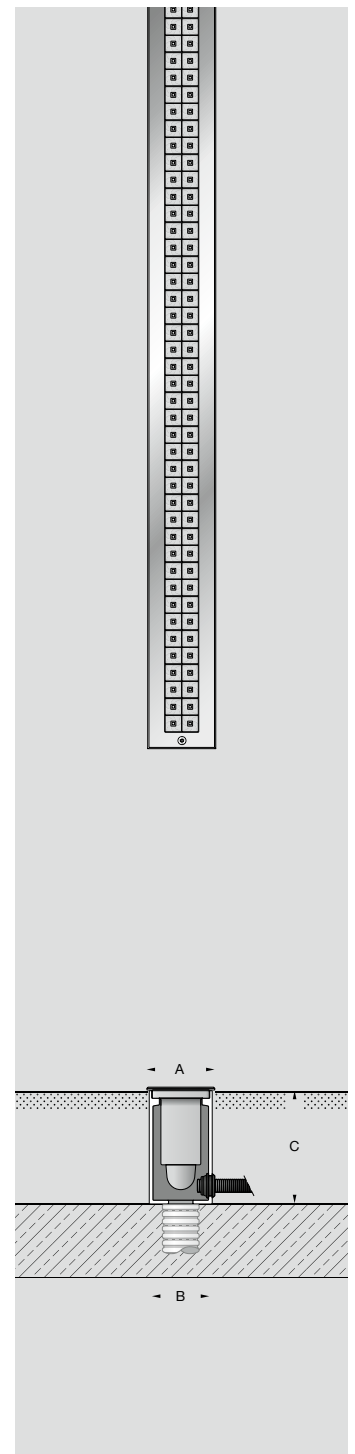
On-ground luminaires
for the illumination of ground surfaces

The construction principle of these luminaires provides a solution for numerous lighting applications involving large-area ground illumination. The significantly lower amount of installation work required in comparison to recessed luminaires and the different installation variants reduce installation costs and offer a high degree of flexibility. The luminaires are simply secured to the substrate by means of a mounting plate. A hole drilled under the luminaire by the customer is required for the cable routing.
We offer an anchorage unit with connection compartment as an accessory to meet any requirements at the installation site.
The luminaires can therefore be installed on unpaved substrates. For more information about anchorage units with connection compartment, see Page 446.
Depending on the ground's load-bearing capability, the luminaires can support loads of up to 1000 kg and can be driven over by vehicles with pneumatic tyres.
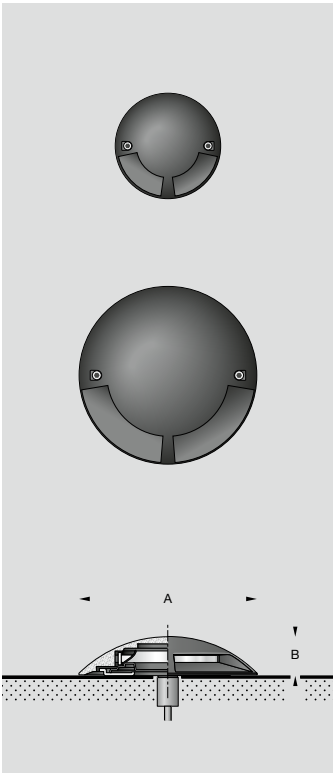
On-ground luminaires
for on-ground installation to illuminate ground surfaces

Pressure load	**1000 kg**
Material	**Stainless steel · Cast aluminium**
Protection class	**IP 67**
Size Ø	**160 · 270 mm**

Cast aluminium and stainless steel · Borosilicate glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Thermal Management® · Integrated water stop and connecting cable
A separate 24 V DC power supply unit is required to operate the luminaires 77 069 and 77 070.
For more information, see Page 436.

We offer an anchorage unit with connection compartment as an accessory to meet any requirements
at the installation site. The luminaires can therefore be installed on unpaved substrates.
We recommend using the BEGA distribution box 70 730 if through-wiring to another luminaire is required.
The distribution box is suitable for installation in the anchorage unit with connection compartment.
For more information about anchorage units with connection compartments, see Page 446.

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

Luminaire colour · BEGA Tricoat® · Graphite

20-year availability guarantee for replacement parts and LED modules

1 light sector 180°

1 Light sector 360°

1 light sector · **180°**						Anchorage unit
	LED		PSU	A	B	
77 069	1.3 W	20 lm	without*	160	40	**71 246**
77 089	7.0 W	175 lm	on/off	270	55	**71 246**

1 light sector · **360°**						Anchorage unit
	LED		PSU	A	B	
77 070	2.6 W	30 lm	without*	160	40	**71 246**
77 090	13.6 W	265 lm	on/off	270	55	**71 246**
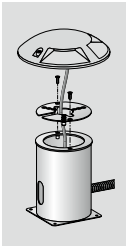
*Safety class III · Suitable 24 V DC power supply units can be found on Page 436.

In-ground luminaires with compact dimensions or for the
illumination of ground surfaces in installation situations
with high pressure loads

Two designs of these in-ground luminaires are available for you to choose from. They
differ in their dimensions, the light output and pressure load which they can withstand
when driven over by pneumatic tyres.
In order to accommodate the pressure loads of the luminaires, a foundation installed
by the customer is required for both versions.
The luminaires serve to illuminate the ground surfaces directly above ground level.
Their light is directed straight onto the surface to be illuminated, thus illuminating
walkways and traffic areas or highlighting potential hazards such as stairs and steps.
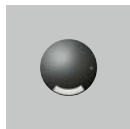
1 Light sector **60°**

1 light sector **180 °**
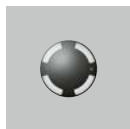
4 light sectors,
60° each

In-ground luminaires with small dimensions for illuminating ground surfaces

Pressure load	**1000 kg**
Material	**Stainless steel · Cast aluminium**
Protection class	**IP 67**
Installation depth	**95 mm**
Size Ø	**120 mm**

Luminaire cover made of cast aluminium
Luminaire housing made of cast stainless steel and stainless steel · Silicate glass
BEGA Thermal Management® · Integrated water stop and connecting cable

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

On request, the luminaires are available in the light colours green, blue, amber and red.

Luminaire colour · BEGA Tricoat® · Graphite

20-year availability guarantee for replacement parts and LED modules

1 light sector · **60°**

	LED		Controllable	A	B	C	D
88 671	2.3 W	25 lm	on/off	120	909	95	30

1 light sector · **180°**

	LED		Controllable	A	B	C	D
88 673	3.9 W	65 lm	on/off	120	909	95	30

4 light sectors, **60° each**

	LED		Controllable	A	B	C	D
88 675	4.8 W	90 lm	on/off	120	909	95	30
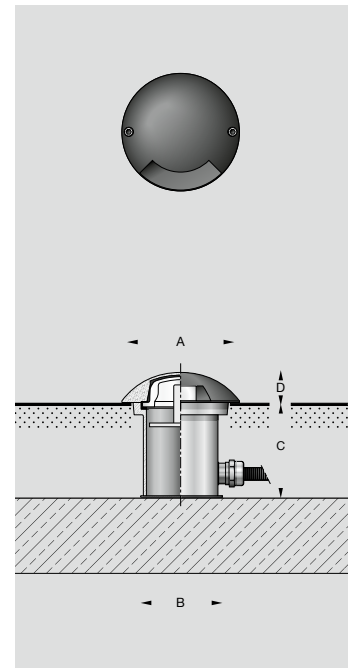
1 Light sector **60°**

1 light sector **180°**
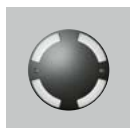
4 light sectors,
60° each

In-ground luminaires
for the illumination of ground surfaces in installation situations with high pressure loads

Pressure load	**4000 kg**
Material	**Cast aluminium · Synthetic material**
Protection class	**IP 67**
Installation depth	**230 mm**
Size Ø	**240 mm**

Highly resistant cast aluminium coated with BEGA Tricoat®
Glass-fibre reinforced synthetic material · Borosilicate glass
Reflector made of pure anodised aluminium · Optical silicone lens · BEGA Hybrid Optics®
BEGA Ultimate Driver® · BEGA Thermal Management®
Integrated water stop and connecting cable

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

On request, the luminaires are available in the light colours green, blue, amber and red.

Luminaire colour · BEGA Tricoat® · Graphite

20-year availability guarantee for replacement parts and LED modules

1 light sector · **60°**

	LED		Controllable	A	B	C	D
84 268	10.0 W	135 lm	DALI	240	275	230	50

1 light sector · **180°**

	LED		Controllable	A	B	C	D
84 269	14.0 W	340 lm	DALI	240	275	230	50

4 light sectors, **60° each**

	LED		Controllable	A	B	C	D
84 271	21.0 W	535 lm	DALI	240	275	230	50
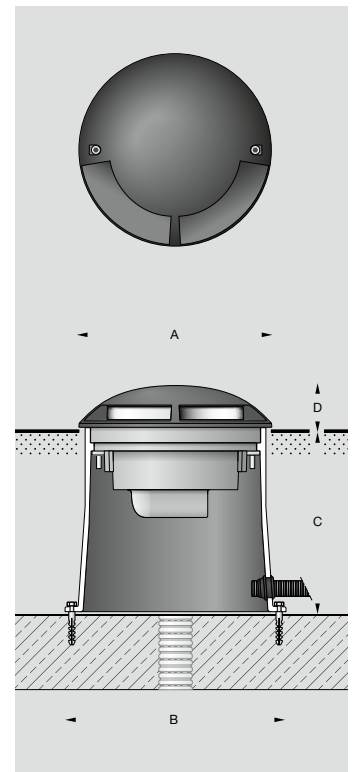
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

In-ground luminaires · Wall washers
with a shallow installation depth for the illumination of vertical surfaces

Drive-over, in-ground luminaires for installation in paved ground surfaces.
The lighting technology and design of these in-ground floodlights make it possible to illuminate a vertical surface, for example a façade, almost completely from the ground to the lower edge of the roof.
The lower limit of the light distribution is linear, without the usual "light cone" seen with in-ground floodlights.
The technically identical luminaires are optionally available with a cover, made of corrosion-resistant cast aluminium or cast bronze.
The luminaires are mounted in an installation housing on a foundation that absorbs the pressure loads.
The foundation, including drainage, must be laid by the customer prior to installation.
The luminaires can be driven over by vehicles with pneumatic tyres.
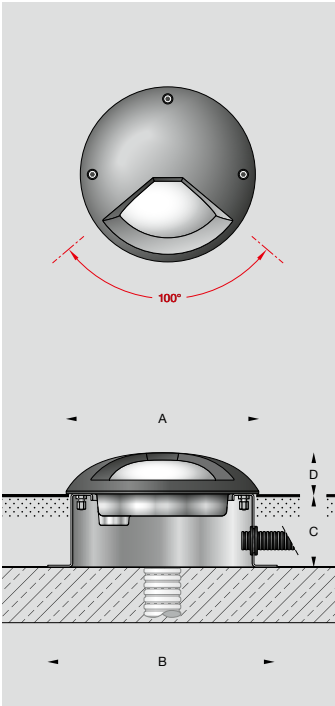
In-ground luminaires · Wall washers
with a shallow installation depth for the illumination of vertical surfaces

Pressure load	**1000 kg**
Material	**Cast aluminium · Cast bronze**
Protection class	**IP 67**
Installation depth	**110 mm**
Size Ø	**285 mm**

Cover frame made of cast aluminium or cast bronze · Luminaire housing made of cast aluminium
Installation housing made of stainless steel · Hardened crystal glass · Silicone diffusing lens
Reflector surface made of pure aluminium
BEGA Ultimate Driver® · BEGA Thermal Management® · BEGA Constant Optics®
Integrated water stop and connecting cable

Colour temperature: 3000 K – article number + **K3**

84 618 Luminaire colour · BEGA Tricoat® · Graphite
84 175 Cast bronze

20-year availability guarantee for replacement parts and LED modules

In-ground luminaire · **Wall washer** · Cover made of **cast aluminium**						
	LED		Controllable	A	B	C	D
84 618	27.0 W	2625 lm	DALI	285	345	110	60

In-ground luminaire · **Wall washer** · Cover made of **cast bronze**						
	LED		Controllable	A	B	C	D
84 175	27.0 W	2625 lm	DALI	285	345	110	60

Project planning aid

The following table serves as a project planning aid. The luminaire arrangement is determined by the size of the object to be illuminated and the degree of illuminance desired.
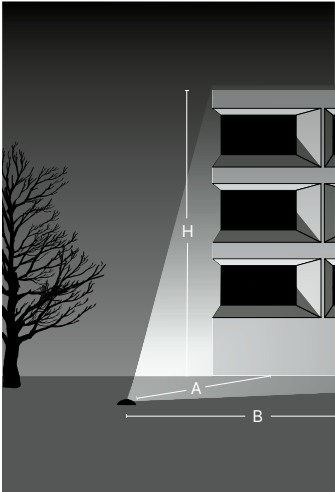
Project planning aid	A	H	B	Ē	Emin
84 618	1.0 m	4.0 m	3.0 m	127 lx	21.0 lx
84 175	1.5 m	6.0 m	4.5 m	56 lx	10.5 lx
	2.0 m	8.0 m	6.0 m	32 lx	6.0 lx

| Project planning aid	A	H	B	Ē	Emin
	1.5 m	6.0 m	4.5 m	117 lx	20.0 lx
84 174	2.0 m	8.0 m	6.0 m	66 lx	11.4 lx
	3.0 m	12.0 m	9.0 m	29 lx	5.0 lx

Project planning aid	A	H	B	Ē	Emin
	2.5 m	6.0 m	5.0 m	51.0 lx	6.1 lx
85 118	3.5 m	10.0 m	6.0 m	32.4 lx	4.8 lx
	4.0 m	12.0 m	8.0 m	21.4 lx	2.6 lx

Setting 80°

Project planning aid	A	H	B	Ē	Emin
	2.5 m	4.0 m	6.0 m	72.0 lx	7.8 lx
85 118	4.0 m	6.0 m	8.0 m	34.6 lx	4.5 lx
	6.0 m	8.0 m	12.0 m	17.4 lx	2.1 lx

Setting 50°

A – Distance of the luminaires to the façade   **H** – Height of the façade   **B** – Distance between the luminaires
Ē – median degree of illuminance on the façade   **Emin** – min. degree of illuminance
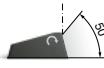
On-ground luminaires · Wall washers
for the illumination of vertical surfaces

On-ground luminaires are a great alternative wherever drive-over resistance or a flush surface installation are not necessary. They are considerably easier to install than in-ground luminaires. In contrast to conventional floodlights, which can be adjusted freely, the closed housings of these luminaires offer additional advantages.

The wall washers make it possible to illuminate a vertical surface, such as a façade, almost completely from the ground to the lower edge of the roof. The lower limit of the light distribution is linear, without the usual "light cone" seen with in-ground floodlights.

On-ground luminaires · Wall washers
with fixed light distribution for the illumination of vertical surfaces

Protection class IP 67 · Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Integrated water stop and connecting cable
DALI controllable power supply units · BEGA Thermal Management®

The RGBW-luminaires in this series can be controlled by DALI colour light control (DT 8, RGBWAF, xy, TC). Suitable DALI system components can be found on Pages 428 to 433.

We offer an anchorage unit with connection compartment as an accessory to meet any requirements at the installation site. The luminaires can therefore be installed on unpaved substrates.
We recommend using the BEGA distribution box 70 730 if through-wiring to another luminaire is required. The distribution box is suitable for installation in the anchorage unit with connection compartment.
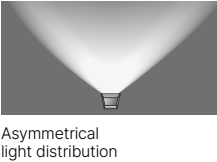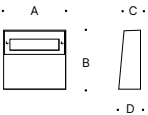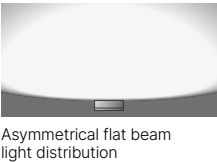For more information about anchorage units with connection compartments, see Page 446.

Colour temperature: 3000 K – article number + **K3** or
4000 K – article number + **K4**

Luminaire colour · BEGA Tricoat® · Graphite

20-year availability guarantee for replacement parts and LED modules

	On-ground luminaire · **Wall washers**					Anchorage section
	LED		Controllable	A	B	
84 174	32.0 W	4085 lm	DALI	260 × 250	75	**71 246**

	RGBW on-ground luminaire · **Wall washers**					Anchorage section
	LED		Controllable	A	B	
84 874	26.6 W	1910 lm	DALI DT 8	260 × 250	75	**71 246**
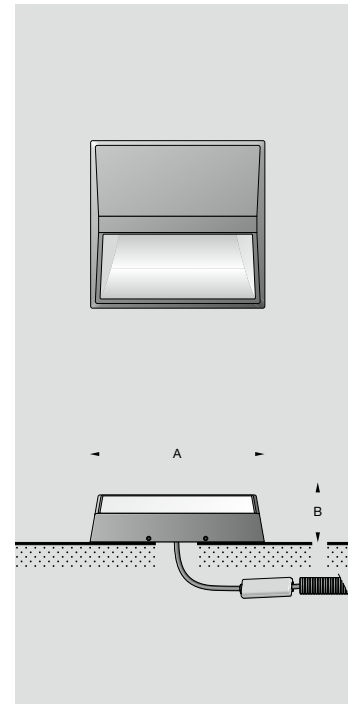
On-ground luminaires · Wall washers
with adjustable light distribution for the illumination of vertical surfaces

Protection class IP 67 · Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Integrated water stop and connecting cable
DALI controllable power supply units · BEGA Thermal Management®

The RGBW-luminaires in this series can be controlled by DALI colour light control (DT 8, RGBWAF, xy, TC). DALI system components can be found on Pages 428 to 433.

We offer an anchorage unit with connection compartment as an accessory to meet any requirements at the installation site. The luminaires can therefore be installed on unpaved substrates.
We recommend using the BEGA distribution box 70 730 if through-wiring to another luminaire is required. The distribution box is suitable for installation in the anchorage unit with connection compartment.
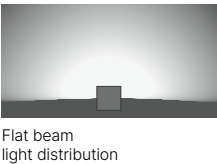For more information about anchorage units with connection compartments and distribution boxes, see Page 446.

Colour temperature: 3000 K – article number + **K3** or
4000 K – article number + **K4**

Luminaire colour · BEGA Tricoat® · Graphite

20-year availability guarantee for replacement parts and LED modules
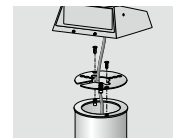
	On-ground luminaires · **Adjustable light distribution**					Anchorage unit
	LED		Controllable	A	B	
85 118	31.5 W	2605 lm	DALI	265 × 255	105	**71 246**

	RGBW on-ground luminaire · **Adjustable light distribution**					Anchorage unit
	LED		Controllable	A	B	
85 119	31.0 W	1265 lm	DALI DT 8	265 × 255	105	**71 246**
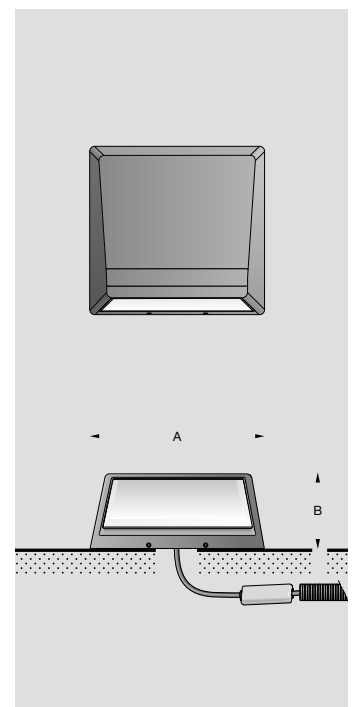
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

On-ground luminaires · Surface washers
Asymmetrical light distribution

Protection class IP 67
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®
These luminaires emit less than 1 % of the light into the upper half-space of the luminaires.
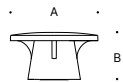
These BEGA on-ground luminaires can be bolted onto a foundation to be created on site,
or onto a BEGA anchorage unit. Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical
light distribution
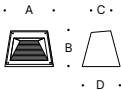
Asymmetrical light distribution							Anchorage unit
	LED		Controllable	A	B	C	D	
84 815	19.0 W	785 lm	DALI	230	170	90	180	**70 894**

On-ground luminaires · Surface washers
Asymmetrical flat beam light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
DALI controllable power supply units
BEGA Thermal Management®

These BEGA on-ground luminaires can be bolted onto a foundation to be created on site,
or onto a BEGA anchorage unit. Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

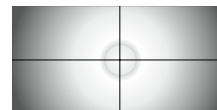20-year availability guarantee for replacement parts and LED modules

Asymmetrical flat beam
light distribution

Asymmetrical flat beam light distribution							Anchorage unit
	LED		Controllable	A	B	C	D	
84 081	14.5 W	845 lm	DALI	340	375	90	155	**71 890**
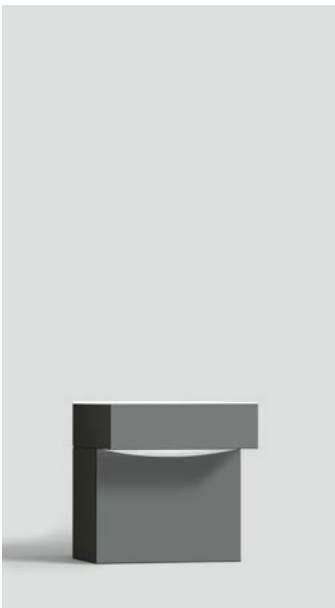
On-ground luminaires
Flat beam light distribution

Protection class IP 65
Cast aluminium · Crystal glass
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

These BEGA on-ground luminaires can be bolted onto a foundation to be created on site,
or onto a BEGA anchorage unit. Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Flat beam
light distribution
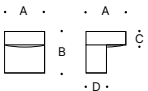
Flat beam light distribution							Anchorage unit
	LED		Controllable	A	B	C	D	
77 735	9.5 W	505 lm	on/off	200	210	60	125	**70 894**

On-ground luminaires
Light emission 180° or 360°

Protection class IP 67
Cast aluminium · Crystal glass
Reflector made of pure anodised aluminium · Optical silicone lens
BEGA Hybrid Optics®
on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

We offer an anchorage section with connection compartment as an accessory to meet any requirements at the installation site. This allows the luminaires to be mounted on unpaved surfaces.
For more information, see Page 446.

180°

360°

Light emission **180°**				
	LED	Controllable	A	B
84 752	6.6 W 370 lm	on/off	170	120
84 355	13.8 W 605 lm	DALI	210	150

Anchorage unit
71 246
71 246

Light emission **360°**				
	LED	Controllable	A	B
84 753	15.4 W 1210 lm	on/off	170	120
84 357	22.5 W 1535 lm	DALI	210	150
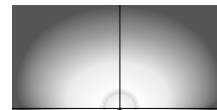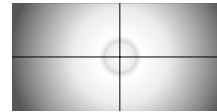
Anchorage unit
71 246
71 246

On-ground luminaires
Light emission 360°

Protection class IP 65
Cast aluminium · Borosilicate glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

These luminaires emit less than 1 % of the light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Tricoat®
Graphite – article number
Silver   – article number + **A**

20 year availability guarantee for replacements and LED modules

We offer an anchorage section with connection compartment as an accessory to meet any requirements at the installation site. This allows the luminaires to be mounted on unpaved surfaces.
For more information, see Page 446.

360°

DarkSky

Light emission **360°**				
	LED	Controllable	A	B
85 222	14.5 W 755 lm	DALI	350	190

Anchorage unit
71 246

DarkSky

The luminaires in our **Dark Sky** range direct their light onto the surface to be illuminated with high efficiency, while emitting less than 1 % of their luminaire luminous flux into the upper half-space of the luminaire.

bega.com/darksky

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Light design elements

Light design elements
Unshielded light

Protection class IP 65
Cast aluminium · Synthetic cover
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Unshielded light					
	LED		Controllable	A	B
77 764	15.0 W	925 lm	DALI	400	460

Light design elements
Shielded light

Protection class IP 65
Cast aluminium · Internal crystal glass
Mounting plate made of hot-dip galvanised steel for bolting onto a foundation.
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
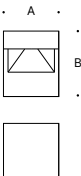
Shielded light					
	LED		Controllable	A	B
77 786	17.8 W	790 lm	DALI	400	460

DarkSky

Light design elements
Flat beam light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
With mounting plate made of hot-dip galvanised steel for bolting onto a foundation.
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®
These luminaires emit less than 1 % of the light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
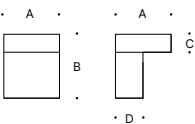
Flat beam light distribution							
	LED		Controllable	A	B	C	D
77 754	14.0 W	930 lm	DALI	400	460	120	240

DarkSky

The luminaires in our **Dark Sky** range direct their light onto the surface to be illuminated with high efficiency, while emitting less than 1 % of their luminaire luminous flux into the upper half-space of the luminaire.

bega.com/darksky

Light design elements with real wood seating made of Accoya® wood
Illumination below the seat surface

Protection class IP 65
Aluminium · Safety glass
Genuine Accoya® wood seating
With 2 mounting plates for bolting onto a foundation.
DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
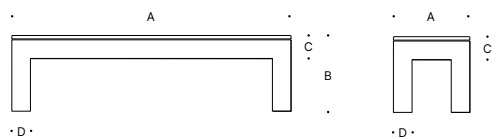
Bench

	LED		Controllable	A	B	C	D
84 236	14.8 W	1110 lm	DALI	1800 × 400	490	150	120

Stool

	LED		Controllable	A	B	C	D
84 237	7.4 W	555 lm	DALI	500 × 400	490	150	120

Indication luminaires   Pathway luminaire

DarkSky

Indication luminaires · Pathway luminaires

Protection class IP 65
Aluminium · Safety glass · With anchorage unit for installation in soil
99 069 Lettering on one or two sides · Sign height 150 to 350 mm
DALI controllable power supply units · BEGA Thermal Management®
These luminaires emit less than 1 % of the light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
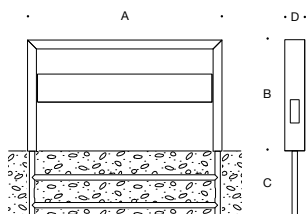
Indication luminaire · With sign illuminated from above

	LED		Controllable	Connection box included	A	B	C	D
99 069	53.0 W	3655 lm	DALI	70 632	1755	1000	600	180 × 80

Pathway luminaire

	LED		Controllable	Connection box included	A	B	C	D
99 061	53.0 W	3655 lm	DALI	70 632	1755	1000	600	180 × 80

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

BEGA System bollards round · Overview

BEGA System bollards are a modular system that allows the combination of luminaire heads and luminaire tubes with various additional functions.

When planning your lighting system, first select a bollard head with the desired light distribution.
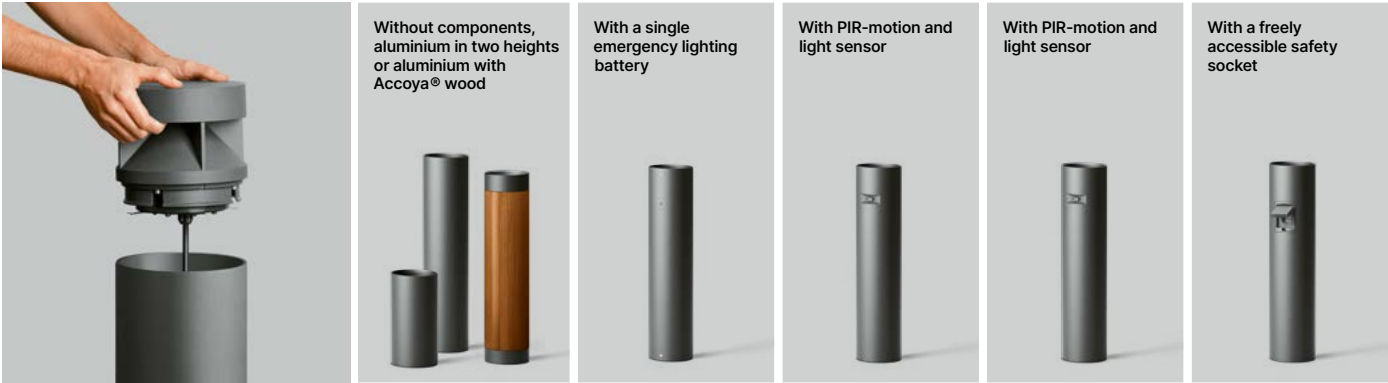**Then choose a matching bollard tube for the additional functions.**

Order the bollard head and your preferred bollard tube to go with it. Both modules can be connected quickly and easily during the installation.

These BEGA System bollards are equipped with an alignable mounting system. It can either be bolted onto an existing foundation or a BEGA Anchorage unit. Anchorage units are accessories and need to be ordered separately.
For more information about BEGA anchorage units, see Page 447.

For more information about all round bollard tubes, see Pages 170 to 171.

		Without components, aluminium in two heights or aluminium with Accoya® wood	With a single emergency lighting battery	With PIR-motion and light sensor	With PIR-motion and light sensor	With a freely accessible safety socket	
Unshielded light							
Light emission 180° · 360°	Ø140	●		●		●	
	Ø190	●	●	●	●	●	
172	Ø265	●	●	●	●		
Light emission 360°	Ø140	●		●		●	
173	Ø190	●	●	●	●	●	
Light emission 360°	Ø140	●		●		●	
173	Ø190	●	●	●	●	●	
For more details see Page 168							

With integral adjustable LED-floodlight	With water connector G½ and G¾ behind a lockable door	With two safety sockets behind a lockable door	With charging module insert for electric vehicles (Type 2)	With a lockable door, without installation inserts	With a lockable door, with installation inserts	BEGA Vehicle Blocker® as drive-through protection*
•	•	•				
	•	•	•	•	•	•
•	•	•				
•	•	•				

BEGA System bollards · Round · Overview

Order the bollard head and your preferred bollard tube to go with it.
Both modules can be connected quickly and easily during the installation.

For more information about all round bollard tubes, see Pages 170 to 171.

		Without components, aluminium in two heights or aluminium with Accoya® wood	With a single emergency lighting battery	With PIR-motion and light sensor	With PIR-motion and light sensor	With a freely accessible safety socket	
Shielded light							
Light emission 180°· 360° — 175	Ø140	●		●		●	
	Ø190	●	●	●	●	●	
	Ø265	●	●	●	●		
Light emission 180°· 360° (DarkSky) — 174	Ø140	●		●		●	
	Ø190	●	●	●	●	●	
Light emission 360° — 176	Ø190	●	●	●	●	●	
	Ø265	●	●	●	●		
Light emission 360° — 177	Ø190	●	●	●	●	●	
Light emission 360° (DarkSky, BugSaver) — 178	Ø140	●		●		●	
	Ø190	●	●	●	●	●	
	Ø265	●	●	●	●		
Light emission 360° (DarkSky, BugSaver) — 179	Ø140	●		●		●	
	Ø190	●	●	●	●	●	
	Ø265	●	●	●	●		
Closing head without illumination function							
179	Ø140	●		●		●	
	Ø190	●	●	●	●	●	
	Ø265	●	●	●	●		

	With integral LED floodlight Adjustable	With water connector G½ and G¾ behind a lockable door	With two safety sockets behind a lockable door	With charging module insert for electric vehicles (Type 2)	With a lockable door, without installation inserts	With a lockable door, without installation inserts	BEGA Vehicle Blocker® as drive-through protection*
	●	●	●				
		●	●	●	●	●	●
	●	●	●				
	●	●	●				
		●	●	●	●	●	●
	●	●	●				
	●	●	●				
		●	●	●	●	●	●
	●	●	●				
		●	●	●	●	●	●
	●	●	●				
		●	●	●	●	●	●

*For illustrative purposes, the figure shows the internal concrete core to be created on site by BEGA the customer.

BEGA System bollards · Round · Bollard tubes

Here you will find all bollard tubes for the bollard heads on Pages 172 to 179.
The brief description offers a compact overview of their functions. Detailed technical
and lighting data for all the system components can be found in the data sheets and
instructions for use on our website.

Bollard tubes with safety sockets have a type F socket (German/European system)
as standard. On request, we can also supply the bollard tubes with other socket types
for the same price. For more information about all socket types, see Page 448.

Bollard tubes without components

		H	Connection box	Anch. unit
Ø140	99 614	350	Terminals 3 × 4□	70 894
	99 620	655	Terminals 3 × 4□	70 894
Ø190	99 615	365	Terminals 3 × 4□	70 895
	99 622	815	71 084	70 896
Ø265	99 619	375	Terminals 3 × 4□	70 896
	99 624	875	71 084	70 896

Bollard tubes without any additional components
are the basic tubes of the System bollards.
Available in two different heights.

Bollard tubes without components with Accoya® wood

		H	Connection box	Anch. unit
Ø140	84 476	655	Terminals 3 × 4□	70 894
Ø190	84 464	815	71 084	70 896
Ø265	84 465	875	71 084	70 896

A combination of bollard tubes made of cast
aluminium with durable Accoya® wood.
The use of high-quality aluminium at the base
of the luminaire means the wood has no direct
contact with the ground.
The BEGA Coating Technology® used on the
aluminium parts also ensures maximum protection
in this critical area.

Bollard tubes with single emergency lighting battery

		H	Connection box	Anch. unit
Ø190	84 634	815	71 601	70 896
Ø265	84 636	875	71 601	70 896

Bollard tubes with built-in emergency lighting
battery insert with self-test function for three
hours of emergency lighting operation 10W · 3h

Bollard tubes with PIR motion and light sensor

		H	Control	Connection box	Anch. unit
Ø140	84 759	655	on/off	71 084	70 894
Ø190	84 760	815	on/off	71 084	70 896
	84 170	815	DALI	71 084	70 896
Ø265	84 761	875	on/off	71 084	70 896
	84 173	875	DALI	71 084	70 896

Bollard tubes with integrated passive infrared
motion and light sensor react to thermal radiation
in the dark.

on/off: Other luminaires can be operated directly.

DALI: Additional luminaires can be controlled via
a DALI bus. A DALI power supply is required to
control an independent DALI line.

Bollard tubes with integrated safety socket

		H	Connection box	Anch. unit
Ø140	84 915	655	70 629	70 894
Ø190	84 916	815	70 629	70 896

Bollard tubes with an easily accessible integrated
black 250 V type F (German/European system)
safety socket.
The cover flap is made of cast aluminium.

On request, we can also supply other socket types
for the same price.

Bollard tubes with adjustable floodlight

		H	Connection box	Anch. unit
Ø190	84 833	815	71 084	70 896

Bollard tubes with built-in LED floodlight.
The floodlight has an adjustable inclination angle
of ± 30°, can be rotated by 360° and adds an
extra function to a system bollard so that it can
illuminate architectural details, trees or plants.

BEGA Hybrid Optics®
LED floodlights 23.0 W · 2585 lm · β = 18°
Colour temperature 3000K or 4000K

Order a bollard head of your choice and add a matching bollard tube to the order.
Both modules can be connected quickly and easily during the installation.

BEGA bollard tubes are bolted with a mounting plate onto a foundation provided
by the customer or an anchorage unit made of hot-dip galvanised steel.
The mounting system can be used to align the luminaire.
Anchorage units are accessories and must be ordered separately.
For more information about BEGA anchorage units, see Page 447.

BEGA Unidure®
Graphite – article number
Silver – article number + **A**

Bollard tubes with integrated water connection and highly flexible thermoplastic hose made of synthetic material with stainless steel braid and approved for drinking water. Behind a lockable door with hose outlet.

Bollard tubes with water connector G½ and G¾ behind a lockable door

		H		Connection box	Anch. unit
Ø190	**84 998**	815	Connection G½	Terminals 5 × 4▢	**70 896**
Ø265	**84 999**	875	Connection G¾	Terminals 5 × 4▢	**70 896**

Bollard tubes with two integral 250 V type F (German/European system) safety sockets and RCD behind a lockable door with cable outlet.

On request, we can also supply other socket types for the same price.

Bollard tubes with two safety sockets behind a lockable door

		H	Connection box	Anch. unit
Ø190	**99 626**	815	70 869	**70 896**
Ø265	**99 627**	875	70 869	**70 896**

Bollard tubes with connection compartment for three integrated 250 V type F (German/European system) safety sockets, three 250 V CEE sockets, two 400 V CEE sockets, eight C 16 A automatic cutouts and RCD, plus a lockable door with cable outlet.
Optionally without installation inserts.

Bollard tubes with lockable door with or without installation inserts

		H		Anch. unit
Ø265	**84 095**	1150	with 2 CEE sockets 400 V, with 3 CEE sockets 250 V with 3 safety sockets 250 V type F, with RCD with 2 automatic cutouts 3-pole with 6 automatic cutouts 1-pole	**70 896**
	84 096	1150	without installation inserts with 2 fuse boxes, 8-part	**70 896**

Bollard tubes with charging module insert for electric vehicles (type 2) for charging outputs of 11 kW and 22 kW.

85 029 for type 2 plug in accordance with IEC 62196 for compliance with calibration requirements in Germany.

85 247 for type 2 plug in accordance with IEC 62196 with shutter function for operation in France, Belgium, Italy, Switzerland, Austria and the UK

Bollard tubes with charging module insert for electric vehicles (Type 2) for Germany, France, Belgium, Italy, Switzerland, Austria, UK

		H		Anch. unit
Ø265	**85 029**	1150	compliant with calibration regulations	**70 896**
	• **85 247**	1150	including shutter function	**70 896**

Concrete-casting bollard tubes for foundations to be created on site. Statically tested foundation plans for different foundation heights and application situations will be provided upon receipt of your order. The product is certified for drive-through protection up to 7.5 t · 50 km/h.

Two foundation types are available:

the **standard foundation with a height of 800 mm** and standard reinforcement as well as the **compact foundation with a height of 380 mm**, greater reinforcement diameter and a larger footprint, ideal for car parks, for example. The decisive advantage of the compact foundation is its significantly lower projection.

BEGA Vehicle Blocker® · Bollard tubes as drive-through protection*

		H	Foundation height	Connection box	Anch. unit
Ø265	**84 623**	875	800 mm	70 632	Included
	84 303	875	380 mm	70 632	Included

*For illustrative purposes, the figure shows the internal concrete core to be created on site by the customer.

• New in the range

Unshielded system bollards
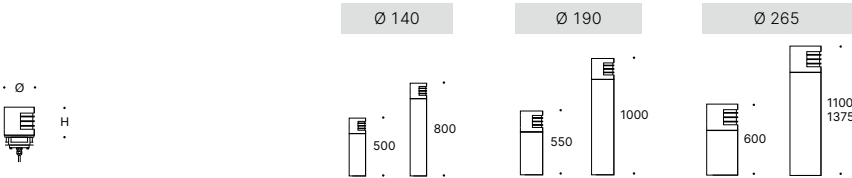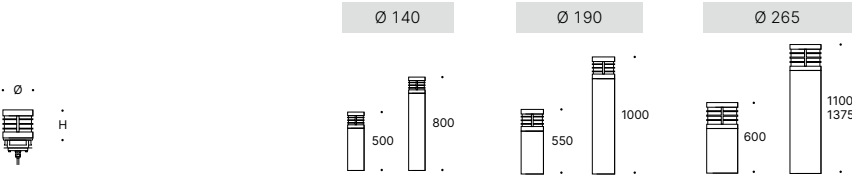With safety guard · Light emission 180°

Protection class IP 65
Cast aluminium · Crystal glass, inside white
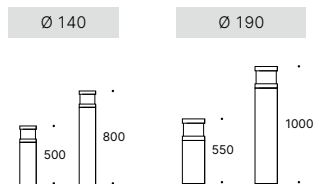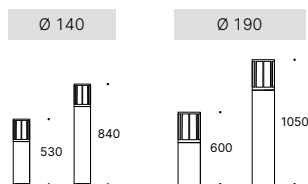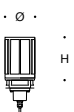on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all round bollard tubes, see Pages 170 to 171.

		Ø 140		Ø 190		Ø 265	
· ø · H		500	800	550	1000	600	1100 1375

System bollard heads · **Light emission 180°**					
	LED		Controllable	Ø	H
99 770	7.0 W	115 lm	on/off	140	135
99 776	19.5 W	305 lm	DALI	190	185
99 778	32.4 W	445 lm	DALI	265	225

Unshielded system bollards
With safety guard · Light emission 360°

Protection class IP 65
Cast aluminium · Crystal glass, inside white
on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all round bollard tubes, see Pages 170 to 171.

		Ø 140		Ø 190		Ø 265	
· ø · H		500	800	550	1000	600	1100 1375

System bollard heads · **Light emission 360°**					
	LED		Controllable	Ø	H
99 760	7.0 W	235 lm	on/off	140	135
99 765	19.5 W	615 lm	DALI	190	185
99 777	32.4 W	885 lm	DALI	265	225

Unshielded system bollards
Light emission 360°

Protection class IP 65
Cast aluminium · Synthetic cylinder, white
BEGA Ultimate Driver® · on/off or DALI controllable
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all round bollard tubes, see Pages 170 to 171.

	Ø 140		Ø 190	
	500	800	550	1000

System bollard heads · **Light emission 360°**				
	LED		Controllable	Ø	H
99 719	7.0 W	410 lm	on/off	140	140
99 727	19.5 W	990 lm	DALI	190	185

Unshielded system bollards
With safety guard · Light emission 360°

Protection class IP 65
Cast aluminium · Crystal glass, inside white
BEGA Ultimate Driver® · on/off or DALI controllable
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all round bollard tubes, see Pages 170 to 171.

	Ø 140		Ø 190	
	530	840	600	1050

System bollard heads · **Light emission 360°**				
	LED		Controllable	Ø	H
84 682	7.0 W	485 lm	on/off	140	180
84 683	19.5 W	1250 lm	DALI	190	230

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

System bollards
Light emission 180° · Asymmetrical or asymmetrical flat beam light distribution

Protection class IP 65 · Cast aluminium · Borosilicate glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®
Luminaires with **asymmetrical light** distribution emit less than 1% of the light
into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

**Order a bollard head of your choice and add a matching bollard tube
to the order. The two modules are quickly and easily assembled
during installation. For more information about all round bollard tubes,
see Pages 170 to 171.**

Ø 140	Ø 190

System bollard heads · Light emission 180° with asymmetrical light distribution

	LED		Controllable	Ø	H
99 853	7.0 W	320 lm	on/off	140	140
99 857	19.5 W	960 lm	DALI	190	185

System bollard heads · Light emission 180° with asymmetrical flat beam light distribution

	LED		Controllable	Ø	H
85 015	6.0 W	420 lm	on/off	140	140
85 016	7.8 W	650 lm	DALI	190	185

System bollards
Light emission 360° · Symmetrical or symmetrical wide beam light distribution

Protection class IP 65 · Cast aluminium · Borosilicate glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off or DALI controllable · BEGA Thermal Management®
Luminaires with **symmetrical** light distribution emit less than 1% of the light
into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

**Order a bollard head of your choice and add a matching bollard tube
to the order. The two modules are quickly and easily assembled
during installation. For more information about all round bollard tubes,
see Pages 170 to 171.**

Ø 140	Ø 190

System bollard heads · Light emission 360° with symmetrical light distribution

	LED		Controllable	Ø	H
99 852	7.0 W	635 lm	on/off	140	140
99 856	19.5 W	1905 lm	DALI	190	185

System bollard heads · Light emission 360° with symmetrical very wide beam light distribution

	LED		Controllable	Ø	H
85 017	9.0 W	780 lm	on/off	140	140
85 018	15.0 W	1515 lm	DALI	190	185

DarkSky

System bollards
Light emission 180°

Protection class IP 65
Cast aluminium · Borosilicate glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off or DALI controllable · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**
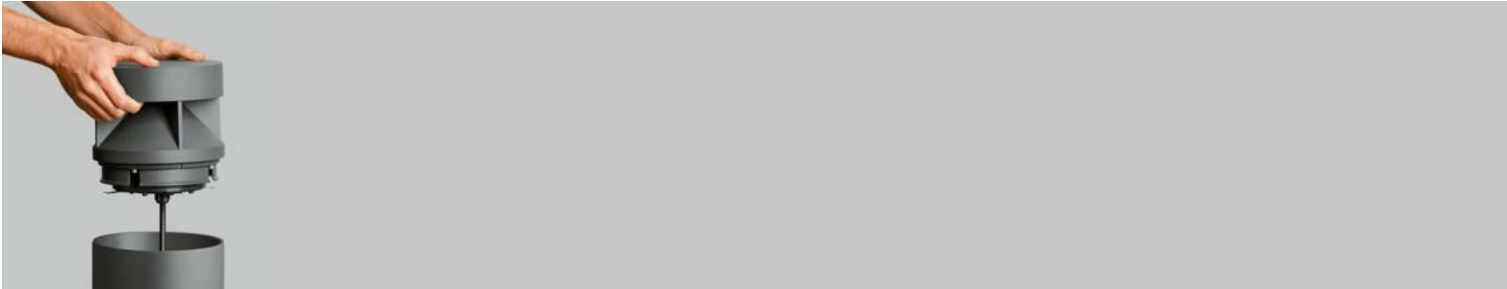
Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all round bollard tubes, see Pages 170 to 171.

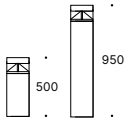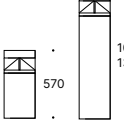| Ø 140 | Ø 190 | Ø 265 |

405 710 425 875 455 955 1230

System bollard heads · **Light emission 180°**				
	LED		Controllable	Ø	H
85 087	5.8 W	530 lm	on/off	140	55
84 706	9.3 W	925 lm	DALI	190	60
84 707	14.5 W	1300 lm	DALI	265	80

System bollards
Light emission 360°

Protection class IP 65
Cast aluminium · Borosilicate glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off or DALI controllable · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all round bollard tubes, see Pages 170 to 171.

| Ø 140 | Ø 190 | Ø 265 |

405 710 425 875 455 955 1230

System bollard heads · **Light emission 360°**				
	LED		Controllable	Ø	H
85 088	9.0 W	935 lm	on/off	140	55
84 704	18.6 W	2015 lm	DALI	190	60
84 705	26.6 W	2800 lm	DALI	265	80

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

System bollards
Light emission 360°

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

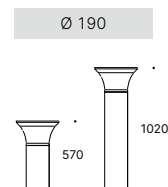Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all round bollard tubes, see Pages 170 to 171.

Ø 190	Ø 265
500 · 950	570 · 1070 1345

· ø ·
H

System bollard heads · **Light emission 360°**				
	LED		Controllable	Ø	H
99 862	19.5 W	1435 lm	DALI	190	135
99 865	31.0 W	2045 lm	DALI	265	195

System bollards
Shielded light · Light emission 360°

Protection class IP 65
Cast aluminium · Crystal glass, clear
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

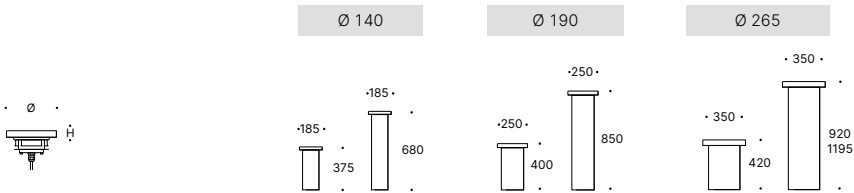Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all round bollard tubes, see Pages 170 to 171.

Ø 190

Ø · H

570 · 1020

System bollard head · **Light emission 360°**					
	LED		Controllable	Ø	H
84 244	19.5 W	1625 lm	DALI	360	205

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

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System bollards

System bollards
Shielded light · Light emission 360°

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires.

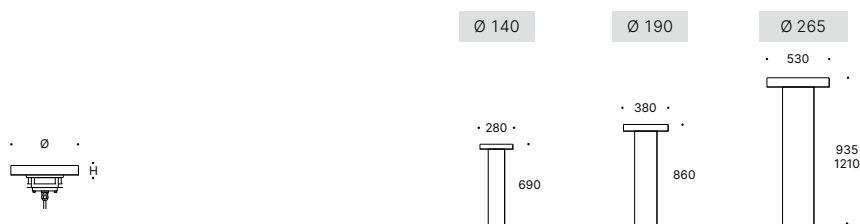Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of 3000 K to light with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be particularly insect-friendly. Our control devices can be used to achieve additional power reduction, see Page 433.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all round bollard tubes, see Pages 170 to 171.

	Ø 140	Ø 190	Ø 265
	·185· 375 / ·185· 680	·250· 400 / ·250· 850	·350· 420 / ·350· 920 1195

System bollard heads · **Light emission 360°**				
	LED		Controllable	Ø	H
● **85 298**	9.0 W	895 lm	on/off	185	25
● **85 299**	18.0 W	1645 lm	DALI	250	35
● **85 300**	26.5 W	2720 lm	DALI	350	45

System bollard heads with BEGA BugSaver® technology · **Light emission 360°**				
	LED		Controllable	Ø	H
● **85 301**	18.1 W	1475 lm	DALI DT8, TW	250	35
● **85 302**	22.0 W	2070 lm	DALI DT8, TW	350	45

DarkSky

These luminaires of our **Dark Sky** series direct their light onto the illuminated area with high efficiency.
No light is emitted at all into the upper half-space of the luminaires.

bega.com/darksky

BugSaver

We have developed luminaires with **BEGA BugSaver®** technology for efficient illumination in urban and natural environments.
This system allows a switch-over to amber light, which is far less attractive to insects.

bega.com/bugsaver

● New in the range

System bollards
Shielded light · Light emission 360°

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of 3000 K to light with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be particularly insect-friendly. Our control devices can be used to achieve additional power reduction, see Page 433.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all round bollard tubes, see Pages 170 to 171.

| Ø 140 | Ø 190 | Ø 265 |

System bollard heads · **Light emission 360° · BEGA Ultimate Driver®**					
	LED		Controllable	Ø	H
85 048	9.0 W	940 lm	on/off	280	35
85 063	18.0 W	1925 lm	DALI	380	45
85 049	27.0 W	2895 lm	DALI	530	60

System bollard heads **with BEGA BugSaver® technology · Light emission 360°**					
	LED		Controllable	Ø	H
85 068	18.1 W	1780 lm	DALI DT8, TW	380	45
85 069	22.0 W	2335 lm	DALI DT8, TW	530	60

Closing heads for bollard tubes
Without lighting function

Cast aluminium, powder coated

Colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

If you would only like to use bollard tubes in their basic function, matching tube
connections are available without lighting function for all tube diameters.
For more information about all round bollard tubes, see Pages 170 to 171.

| Ø 140 | Ø 190 | Ø 265 |
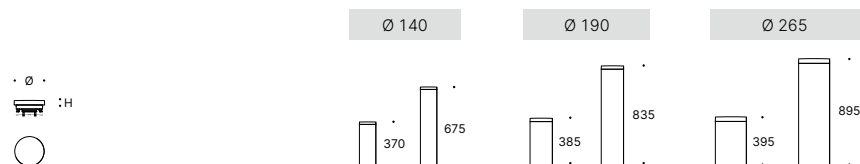
Closing heads **round**			
		Ø	H
71 126	Closing head without illumination function	140	20
71 127	Closing head without illumination function	190	20
71 128	Closing head without illumination function	265	20

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
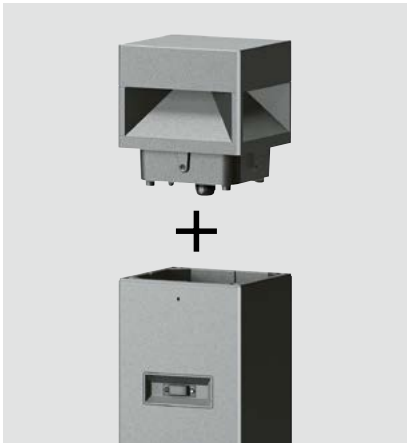
BEGA System bollards · Square · Overview

BEGA System bollards are a modular system that allows the combination of luminaire heads and luminaire tubes with various additional functions.

When planning your lighting system, first select a bollard head with the desired light distribution. Then choose a matching bollard tube for the additional functions.

Order the bollard head and your preferred bollard tube to go with it. Both modules can be connected quickly and easily during the installation.

These BEGA System bollards are equipped with an alignable mounting system.
It can either be bolted onto an existing foundation or a BEGA anchorage unit. Anchorage units are accessories and need to be ordered separately. For more information about BEGA Anchorage units, see Page 447.

For more information about all square bollard tubes, see Pages 182 to 183.

		Without components, aluminium in two heights or aluminium with Accoya® wood	With a single emergency lighting battery	With PIR-motion and light sensor	With PIR-motion and light sensor	With a freely accessible safety socket	
Unshielded light							
Light emission 360° 184	□ 160	●	●	●	●	●	
	□ 220	●	●	●	●		
Shielded light							
Light emission 360° 187	□ 160	●	●	●	●	●	
	□ 220	●	●	●	●		
Light emission 180° · 360° 185	□ 160	●	●	●	●	●	
	□ 220	●	●	●	●		
Light emission 360° DarkSky BugSaver 186	□ 160	●	●	●	●	●	
	□ 220	●	●	●	●		
Closing head without illumination function							
187	□ 160	●	●	●	●	●	
	□ 220	●	●	●	●		

With integral LED floodlight Adjustable	With water connector G ¾ behind a lockable door	With two safety sockets behind a lockable door	BEGA Vehicle Blocker® as drive-through protection*
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•

*For illustrative purposes, the figure shows the internal concrete core to be created on site by the customer.

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BEGA System bollards · Square · Bollard tubes

You will find all square bollard tubes for the bollard heads of Pages 184 to 187 here. The brief description offers a compact overview of their functions. Detailed technical and lighting data for all the system components can be found in the data sheets and instructions for use on our website.

Bollard tubes with safety sockets have a type F socket (German/European system) as standard. On request, we can also supply the bollard tubes with other socket types for the same price. For more information about all socket types, see Page 447.

Bollard tubes without components

		H	Connection box	Anch. unit
□160	84 000	375	Terminals 3 × 4□	70 895
	84 002	815	71 084	70 895
□220	84 001	375	Terminals 3 × 4□	70 896
	84 003	880	71 084	70 896

Bollard tubes without any additional components are the basic tubes of the System bollards. Available in two different heights.

Bollard tubes without components with Accoya® wood

		H	Connection box	Anch. unit
□160	84 466	815	71 084	70 895
□220	84 467	880	71 084	70 896

A combination of bollard tubes made of cast aluminium with high-quality Accoya® wood.
The use of high-quality aluminium at the base of the luminaire means the wood has no direct contact with the ground.
The BEGA Coating Technology® used on the aluminium parts also ensures maximum protection in this critical area.

Bollard tubes with single emergency lighting battery

		H	Connection box	Anch. unit
□160	84 006	815	70 629	70 895
□220	84 008	880	70 629	70 896

Bollard tubes with integrated emergency lighting battery insert with self-test function for three hours of emergency lighting operation. 10 W · 3h

Bollard tubes with PIR motion and light sensor

		H	Control	Connection box	Anch. unit
□160	84 762	815	on/off	71 084	70 895
	84 150	815	DALI	71 084	70 895
□220	84 763	880	on/off	71 084	70 896
	84 152	880	DALI	71 084	70 896

Bollard tubes with integrated passive infrared motion and light sensor react to thermal radiation in the dark.

on/off: Other luminaires can be operated directly.

DALI: Additional luminaires can be controlled via a DALI bus. A DALI power supply is required to control an independent DALI line.

Bollard tubes with integrated safety socket

		H	Connection box	Anch. unit
□160	84 917	815	70 629	70 895

Bollard tubes with an easily accessible integrated black 250 V type F (German/European system) safety socket.
The cover flap is made of cast aluminium.

On request, we can also supply other socket types for the same price.

Bollard tubes with adjustable floodlight

		H	Connection box	Anch. unit
□220	84 834	880	71 084	70 896

Bollard tubes with built-in LED floodlight
The floodlight has an adjustable inclination angle of ± 30°, can be rotated by 360° and adds an extra function to a system bollard so that it can illuminate architectural details, trees or plants.

BEGA Hybrid Optics®
LED floodlights 23.0 W · 2585 lm · β = 18°
Colour temperature 3000 K or 4000 K

Order a bollard head of your choice and add a matching bollard tube to the order.
Both modules can be connected quickly and easily during the installation.

BEGA bollard tubes are bolted with a mounting plate onto a foundation created on site or an
anchorage unit made of hot-dip galvanised steel. The mounting system can be used to align the bollard tubes.
Anchorage units are accessories and must be ordered separately. More information BEGA Unidure®

Graphite – article number
Silver – article number + **A**

Bollard tubes with integrated water connection
G¾ and highly flexible thermoplastic hose made
of synthetic material with stainless steel braid and
approved for drinking water. Behind a lockable door
with hose outlet.

Bollard tubes with water connector G¾ behind a lockable door

		H		Connection box	Anch. unit
□ 220	**85 078**	880	Connection G¾	Terminals 5 × 4□	**70 896**

Bollard tubes with two integrated 250 V type F
(German/European system) safety sockets and
RCD behind a lockable door with cable outlet.

On request, we can also supply other socket types
for the same price.

Bollard tubes with two safety sockets behind a lockable door

		H	Connection box	Anch. unit
□ 220	**84 004**	875	70 869	**70 896**

Concrete-casting bollard tubes for foundations to be
created on site. Statically tested foundation plans will
be provided upon receipt of your order.
The product is certified for drive-through protection
up to 1.5 t · 50 km/h.

BEGA Vehicle Blocker® · Bollard tubes as drive-through protection*

		H	Foundation height	Connection box	Anch. unit
□ 220	**84 016**	875	800 mm	70 632	Included

*For illustrative purposes, the figure shows the internal concrete core to be created on site
 by the customer.

System bollards
Unshielded light · Light emission 360° · With safety guard

Protection class IP 65
Cast aluminium · Crystal glass, inside white
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

Luminaire colour · BEGA Unidure®
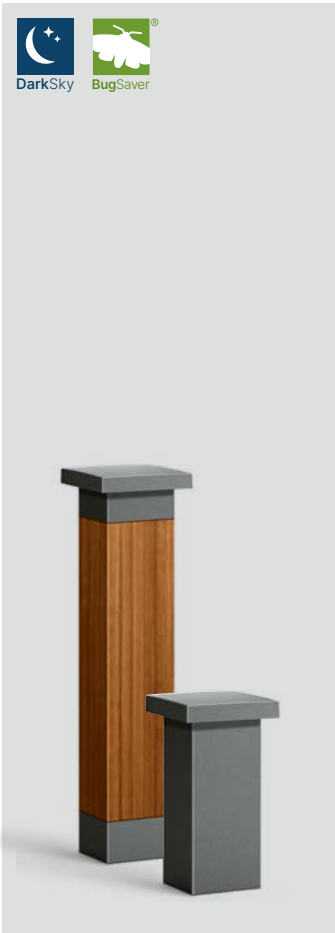Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all square bollard tubes, see Pages 182 to 183.

	□ 160	□ 220
	990 / 550	1115 / 615

System bollard heads · **Light emission 360°**

	LED		Controllable	□	H
84 680	9.0 W	820 lm	DALI	160	175
84 681	18.0 W	1775 lm	DALI	220	235

● New in the range

System bollards
Shielded light · Light emission 180°

Protection class IP 65
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all square bollard tubes, see Pages 182 to 183.

□ 160	□ 220
950 / 510	1065 / 560

· □ ·
H

System bollard heads · **Light emission 180°**				
	LED	Controllable	□	H
85 277	8.0 W 700 lm	DALI	160	135
85 279	14.0 W 1125 lm	DALI	220	185

System bollards
Shielded light · Light emission 360°

Protection class IP 65
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all square bollard tubes, see Pages 182 to 183.

□ 160	□ 220
950 / 510	1065 / 560

· □ ·
H

System bollard heads · **Light emission 360°**				
	LED	Controllable	□	H
85 278	13.8 W 1585 lm	DALI	160	135
85 280	22.0 W 2315 lm	DALI	220	185

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

System bollards
Shielded light · Light emission 360°

Protection class IP 65
Cast aluminium · Safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of 3000 K to light with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be particularly insect-friendly. Our control devices can be used to achieve additional power reduction, see Page 433.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

**Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all square bollard tubes, see Pages 182 to 183.**

	□ 160	□ 220
	·220· / ·220· 410 / 850	·300· / ·300· 420 / 925

System bollard heads · Light emission 360°

	LED		Controllable	□	H
• **85 303**	13.3 W	1200 lm	DALI	220	35
• **85 304**	21.6 W	2200 lm	DALI	300	45

System bollard heads with BEGA BugSaver® technology · Light emission 360°

	LED		Controllable	□	H
• **85 305**	14.0 W	1000 lm	DALI DT8, TW	220	35
• **85 306**	19.8 W	1800 lm	DALI DT8, TW	300	45

DarkSky **BugSaver**®

These luminaires of our **Dark Sky** series direct their light onto the illuminated area with high efficiency.
No light is emitted at all into the upper half-space of the luminaires.

bega.com/darksky

We have developed luminaires with **BEGA BugSaver®** technology for efficient illumination in urban and natural environments.
This system allows a switch-over to amber light, which is far less attractive to insects.

bega.com/bugsaver

• New in the range

System bollards
Shielded light · Light emission 360°

Protection class IP 65
Cast aluminium
84 690 Borosilicate glass
84 691 Crystal glass
BEGA Ultimate Driver® · DALI controllable
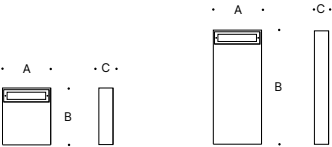BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all square bollard tubes, see Pages 182 to 183.

□ 160		□ 220	
500	940	565	1070

System bollard heads · **Light emission 360°**					
	LED		Controllable	□	H
84 690	19.0 W	450 lm	DALI	160	125
84 691	27.5 W	785 lm	DALI	220	190

Closing heads for bollard tubes
Without lighting function

Cast aluminium, powder coated

Colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

If you would only like to use bollard tubes in their basic function, matching tube connections
are available without lighting function for all tube cross-sections.
For more information about all square bollard tubes, see Pages 182 to 183.

□ 160		□ 220	
395	835	395	900

Closing heads **square**		
	□	H
71 124 Closing head without illumination function	160	20
71 125 Closing head without illumination function	220	20

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Bollards
Asymmetrical, asymmetrical flat beam light distribution or shielded light

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

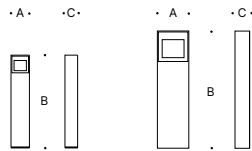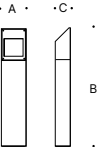85176 · 85177: These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

These BEGA bollards can be bolted onto a foundation to be created on site, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical light distribution

Asymmetrical light distribution

	LED		Controllable	Connection box	A	B	C		Anchorage unit
84 671	14.0 W	1320 lm	DALI	Terminals 5 × 4□	340	400	100		**71 890**
84 672	14.0 W	1320 lm	DALI	70 632	340	800	100		**71 890**
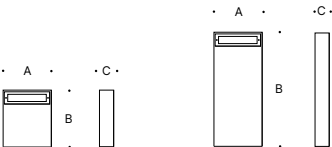
Asymmetrical flat beam light distribution

Asymmetrical flat beam light distribution

	LED		Controllable	Connection box	A	B	C		Anchorage unit
84 673	14.0 W	1330 lm	DALI	Terminals 5 × 4□	340	400	100		**71 890**
84 674	14.0 W	1330 lm	DALI	70 632	340	800	100		**71 890**
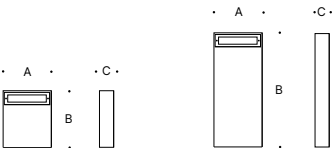
DarkSky

Shielded light distribution

Shielded light

	LED		Controllable	Connection box	A	B	C		Anchorage unit
85 176	14.0 W	1160 lm	DALI	Terminals 5 × 4□	340	400	100		**71 890**
85 177	14.0 W	1160 lm	DALI	70 632	340	800	100		**71 890**

Bollards
Asymmetrical flat beam light distribution or shielded light

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off or DALI controllable · BEGA Thermal Management®

84 414 · 84 415: These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

These BEGA bollards can be bolted onto a foundation to be created on site, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. For more information about BEGA anchorage units, see Page 447.

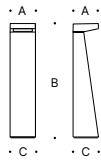Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Asymmetrical flat beam light distribution

Asymmetrical flat beam light distribution							Anchorage unit
	LED		Controllable	Connection box	A	B	C	
84 412	4.0 W	400 lm	on/off	70 632	160	800	110	**71 178**
84 413	13.0 W	1710 lm	DALI	71 084	270	1000	120	**71 890**
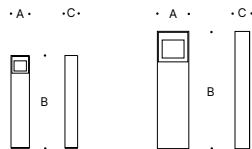
Shielded light distribution

Shielded light							Anchorage unit
	LED		Controllable	Connection box	A	B	C	
84 414	4.0 W	265 lm	on/off	70 632	160	800	110	**71 178**
84 415	13.0 W	1110 lm	DALI	71 084	270	1000	120	**71 890**

DarkSky

These luminaires of our **Dark Sky** series direct their light onto the illuminated area with high efficiency. Less than 1% of the light is emitted at all into the upper half-space of the luminaire.

bega.com/darksky

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Bollards

Bollards
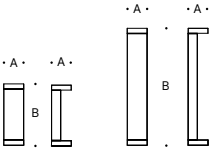Spatially deep or flat beam illumination of horizontal surfaces

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto an existing foundation or a BEGA anchorage unit. Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

For **spatially deep illumination of horizontal surfaces**							Anchorage unit
	LED		Controllable	Connection box	A	B	C
99 554	5.4 W	425 lm	DALI	Terminals 5 × 4□	160	800	110	**70 894**
99 558	14.7 W	1355 lm	DALI	71084	250	1100	140	**70 895**
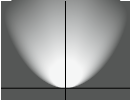
For the **flat beam illumination of horizontal surfaces**							Anchorage unit
	LED		Controllable	Connection box	A	B	C
99 552	7.0 W	615 lm	DALI	Terminals 5 × 4□	160	800	110	**70 894**
99 560	19.7 W	1985 lm	DALI	71084	250	1100	140	**70 895**
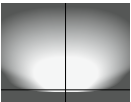
Bollards
Shielded light

Protection class IP 65
Stainless steel · Borosilicate glass · Reflector made of sand-blasted stainless steel
DALI controllable power supply units · BEGA Thermal Management®

BEGA bollards are bolted with a mounting plate onto a foundation to be created on site or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
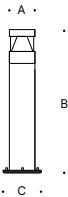
	LED		Controllable	Connection box	A	B	C	Anch. unit
● **88 060**	9.0 W	765 lm	DALI	70632	155	950	240	**70 896**
● **88 061**	18.5 W	1480 lm	DALI	70632	205	1070	300	**70 897**

● No longer included in the current catalogue

Bollards
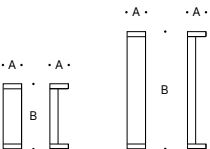Asymmetrical or flat beam light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto an existing foundation or a BEGA anchorage unit. Please order anchorage units as separate accessories.
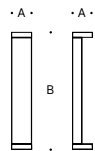For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical light distribution							Anchorage unit
	LED		Controllable	Connection box	A	B	C	
84 463	13.7 W	1840 lm	DALI	71 084	220 × 220	990	220 × 220	**70 896**

Flat beam light distribution							Anchorage unit
	LED		Controllable	Connection box	A	B	C	
84 462	13.7 W	1470 lm	DALI	71 084	220 × 220	990	220 × 220	**70 896**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

DarkSky

Bollards
Asymmetrical, flat beam or flat beam, wide-area light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto an existing foundation or a BEGA anchorage unit. Please order anchorage units as separate accessories.
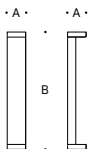For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical light distribution						Anchorage unit
	LED		Controllable	Connection	A	B	
84 238	13.1 W	1605 lm	DALI	Terminals 5 × 4□	160 × 160	945	**70 895**

Flat beam light distribution						Anchorage unit
	LED		Controllable	Connection	A	B	
84 750	7.0 W	655 lm	DALI	Terminals 5 × 4□	160 × 160	495	**70 895**
84 220	13.1 W	1435 lm	DALI	Terminals 5 × 4□	160 × 160	945	**70 895**

Flat beam, wide-area light distribution						Anchorage unit
	LED		Controllable	Connection	A	B	
● **85 349**	9.2 W	900 lm	DALI	Terminals 5 × 4□	160 × 160	1040	**70 895**

DarkSky

Bollards
Asymmetrical, flat-beam or flat beam, wide-area light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto an existing foundation or a BEGA anchorage unit. Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical light distribution						Anchorage unit
	LED		Controllable	Connection	A	B	
84 239	13.1 W	1695 lm	DALI	Terminals 5 × 4□	Ø 190	1000	**70 895**

Flat beam light distribution						Anchorage unit
	LED		Controllable	Connection	A	B	
84 749	7.0 W	665 lm	DALI	Terminals 5 × 4□	Ø 190	550	**70 895**
99 058	13.1 W	1415 lm	DALI	Terminals 5 × 4□	Ø 190	1000	**70 895**

Flat beam, wide-area light distribution						Anchorage unit
	LED		Controllable	Connection	A	B	
● **85 350**	9.2 W	900 lm	DALI	Terminals 5 × 4□	Ø 190	1000	**70 895**

● New in the range

Bollards
Asymmetrical, flat-beam or wide-area flat-beam light distribution

Protection class IP 65
Cast aluminium · Safety glass · Accoya® wood
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

These BEGA bollards are equipped with an alignable mounting system. It can either be
bolted onto an existing foundation or a BEGA anchorage unit. Please order anchorage units
as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**
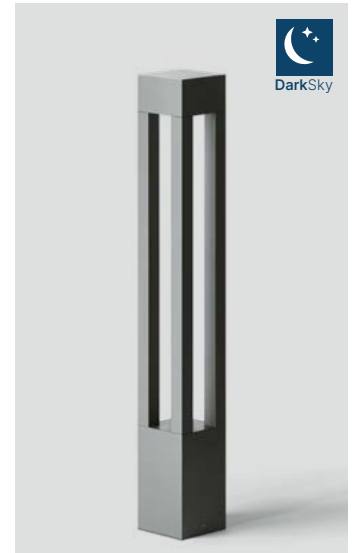
Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical light distribution · Vertical profile made of Accoya® wood						Anchorage unit
	LED		Controllable	Connection	A	B	
85 290	13.0 W	1605 lm	DALI	Terminals 5 × 4□	160 × 160	945	**70 895**

Flat beam light distribution · Vertical profile made of Accoya® wood						Anchorage unit
	LED		Controllable	Connection	A	B	
85 292	13.0 W	1435 lm	DALI	Terminals 5 × 4□	160 × 160	945	**70 895**

Flat beam, wide-area light distribution · Vertical profile made of Accoya® wood						Anchorage unit
	LED		Controllable	Connection	A	B	
85 293	9.2 W	900 lm	DALI	Terminals 5 × 4□	160 × 160	1040	**70 895**

Asymmetrical light distribution · Vertical profile made of Accoya® wood						Anchorage unit
	LED		Controllable	Connection	A	B	
85 294	13.0 W	1695 lm	DALI	Terminals 5 × 4□	Ø 190	1000	**70 895**

Flat beam light distribution · Vertical profile made of Accoya® wood						Anchorage unit
	LED		Controllable	Connection	A	B	
85 296	13.0 W	1415 lm	DALI	Terminals 5 × 4□	Ø 190	1000	**70 895**

Flat beam, wide-area light distribution · Vertical profile made of Accoya® wood						Anchorage unit
	LED		Controllable	Connection	A	B	
85 297	9.2 W	900 lm	DALI	Terminals 5 × 4□	Ø 190	1000	**70 895**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Bollards

Bollards
Unshielded light

Protection class IP 65
Cast aluminium · White synthetic cover
DALI controllable power supply units · BEGA Thermal Management®

These BEGA bollards are equipped with an alignable mounting system.
It can either be bolted onto an existing foundation or a BEGA anchorage unit.
Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	Connection box	A	B		Anch. unit
84 666	10.0 W	850 lm	DALI	Terminals 5 × 4□	120 × 120	800		**70 894**
84 667	25.5 W	2425 lm	DALI	70 632	160 × 160	1100		**70 895**
84 668	35.5 W	3170 lm	DALI	70 632	220 × 220	1200		**70 896**

Bollards
Unshielded light

Protection class IP 65
Cast aluminium · White synthetic cover
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

These BEGA bollards are equipped with an alignable mounting system.
It can either be bolted onto an existing foundation or a BEGA anchorage unit. Please order
anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	Connection box	A	B		Anch. unit
84 602	17.6 W	2020 lm	DALI	Terminals 5 × 4□	160	850		**70 895**
84 603	35.2 W	3285 lm	DALI	70 632	230	1070		**70 896**

DarkSky

These luminaires of our **Dark Sky** series direct their light onto the illuminated area with high efficiency. Less than 1% of the light is emitted at all into the upper half-space of the luminaire.

bega.com/darksky

Bollard
Shielded light

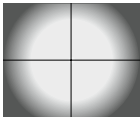Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

These BEGA bollards are equipped with an alignable mounting system.
It can either be bolted onto an existing foundation or a BEGA anchorage unit.
Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	Connection box	A	B		Anch. unit
84 063	22.0 W	1440 lm	DALI	70 632	160 × 160	1000		**70 895**

Bollards
Shielded light

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

These BEGA bollards are equipped with an alignable mounting system.
It can either be bolted onto an existing foundation or a BEGA anchorage unit.
Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	Connection box	A	B		Anch. unit
84 061	22.0 W	1450 lm	DALI	70 632	165	1000		**70 895**
84 062	33.0 W	1805 lm	DALI	70 632	220	1200		**70 896**

Bollards
Fixed symmetrical light distribution or adjustable light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®
88 066 Fixed symmetrical light distribution
88 062 Optical system adjustable to 0°, 15° or 30°

These BEGA bollards are equipped with an alignable mounting system.
It can either be bolted onto an existing foundation or a BEGA anchorage unit.
Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
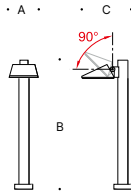Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
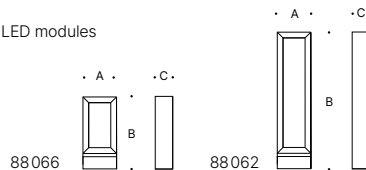
88 066

88 062
0°, 15° or 30°
adjustable
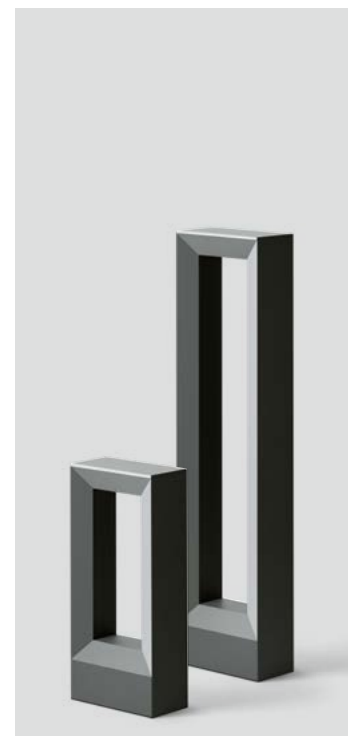
Fixed symmetrical light distribution								Anchorage unit
	LED		Controllable	Connection	A	B	C	
88 066	9.5 W	600 lm	DALI	Terminals 5 × 4▢	270	600	140	**70 895**

Adjustable light distribution								Anchorage unit
	LED		Controllable	Connection	A	B	C	
88 062	20.6 W	1770 lm	DALI	Terminals 5 × 4▢	270	1100	140	**70 895**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Garden and pathway luminaires
Shielded light

Protection class IP 65
Cast aluminium and aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

These BEGA garden and pathway luminaires come equipped with a mounting system.
It can either be bolted onto an existing foundation or a BEGA anchorage unit. Anchorage units
are accessories and need to be ordered separately.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical
very wide beam

	LED		Controllable	Connection	A	B	C	Anch. unit
84 751	8.9 W	955 lm	DALI	Terminals 5 × 4□	250	550	110	**70 894**
88 261	18.8 W	1865 lm	DALI	Terminals 5 × 4□	250	950	110	**70 894**

Garden and pathway luminaires
Shielded light

Protection class IP 65
Cast aluminium and aluminium · Synthetic cover with optical texture
DALI controllable power supply units · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

These BEGA garden and pathway luminaires are equipped with an alignable mounting system.
It can either be bolted onto an existing foundation or a BEGA anchorage unit. Please order
anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Flat beam,
very wide beam
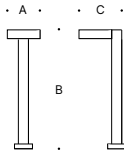
	LED		Controllable	Connection	A	B	C	Anch. unit
77 221	9.4 W	755 lm	DALI	Terminals 5 × 2.5□	190	1000	275	**70 895**

Garden and pathway luminaires
Asymmetrical or asymmetrical flat beam light distribution

Protection class IP 65
Cast aluminium and aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Attack angle infinitely adjustable from 0° to 90°
BEGA Ultimate Driver® DALI controllable · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

These BEGA garden and pathway luminaires are equipped with an alignable mounting
system. It can either be bolted onto an existing foundation or a BEGA anchorage unit.
Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical

Asymmetrical
flat beam

Asymmetrical light distribution								Anchorage unit
	LED		Controllable	Connection	A	B	C	
84 107	22.0 W	2625 lm	DALI	Terminals 5 × 2.5□	260	1200	360	**70 895**

Asymmetrical flat beam light distribution								Anchorage unit
	LED		Controllable	Connection	A	B	C	
84 304	15.5 W	2015 lm	DALI	Terminals 5 × 2.5□	260	1200	360	**70 895**

Garden and pathway luminaires
Unshielded light on one or two sides

Protection class IP 65
Cast aluminium and aluminium · Safety glass
DALI controllable power supply units · BEGA Thermal Management®

These BEGA garden and pathway luminaires are equipped with an alignable mounting system.
It can either be bolted onto an existing foundation or a BEGA anchorage unit.
Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

One-sided

Two-sided
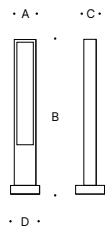
Unshielded light **on one side**								Anchorage unit
	LED		Controllable	Connection	A	B	C	D	
99 326	14.0 W	815 lm	DALI	Terminals 5 × 4▢	120	1000	80	160	**70 895**

Unshielded light **on two sides**								Anchorage unit
	LED		Controllable	Connection	A	B	C	D	
99 330	25.5 W	1645 lm	DALI	Terminals 5 × 4▢	120	1000	80	160	**70 895**
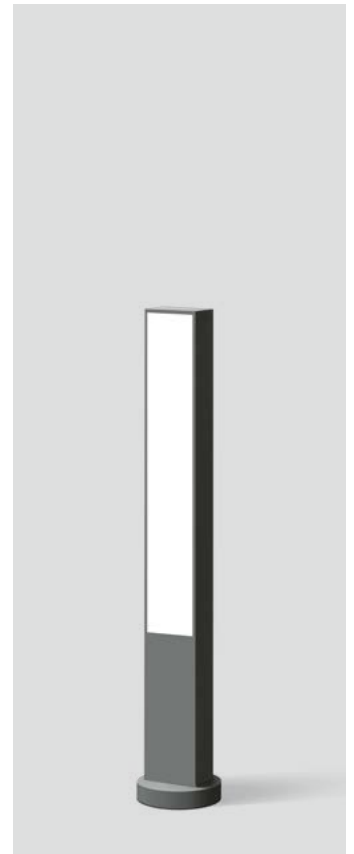
DarkSky

The luminaires in our **Dark Sky** range direct their light onto the surface to be illuminated with high efficiency, while emitting less than 1 % of their luminaire luminous flux into the upper half-space of the luminaire.

bega.com/darksky

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Intuitive configuration via app

The garden and pathway luminaires with an integrated passive infrared motion and light sensor are extremely easy to configure via Bluetooth and the free app BEGA Smart.

After sunset and when motion is detected, additional luminaires that are networked via BEGA Smart (for example the matching garden and pathway luminaires without sensors) can be controlled. Alternatively, other luminaires can be controlled via the integrated relay output.

Find out more at bega.com/smart

works with
BEGA Smart

Installation options for the permanent installation of BEGA garden and pathway luminaires

Anchorage unit

For the permanent installation of BEGA garden and pathway luminaires in a **flowerbed or an unpaved surface,** for example.
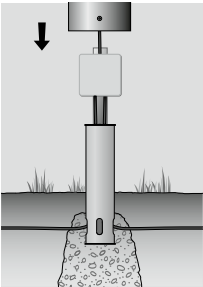
The anchorage unit made of hot-dip galvanised steel is included in the scope of delivery of the luminaire. With this type of installation, the underground cable is threaded into the anchorage unit via the lateral cable entry. Ensure that the anchorage unit is vertical and firmly secured depending on the type of substrate and intended use. The luminaire is then connected, placed on the anchorage unit and bolted in position.

Screw-on base

For the permanent installation of BEGA garden and pathway luminaires on foundations **provided by the customer or on other paved surfaces.**
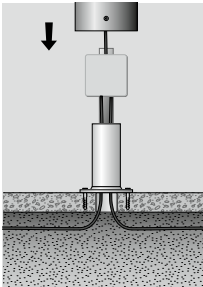
A screw-on base made of hot-dip galvanised steel is included in the scope of delivery of the luminaire. With this type of installation, an underground cable is routed into the screw-on base from below. The screw-on base is bolted onto the mounting surface. The luminaire is then connected with a line connector and fixed to the screw-on base.

Garden and pathway luminaires
Unshielded · Light emission 360°
Optionally with PIR motion and light sensor

Protection class IP 65 · Cast aluminium and aluminium · Opal glass with thread · BEGA Thermal Management®
The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base.

Luminaires with LED module: on/off or DALI controllable power supply units
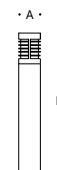Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with E 27 socket
Including matching LED lamps · Colour temperature 3000 K – Article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434–435.

Luminaires with LED module: Configuration and control via BEGA Smart
BEGA Smart controllable luminaires can be networked, switched, dimmed and adjusted to a colour temperature of 3000 K or 4000 K. Luminaires with PIR sensor can also automatically control other luminaires that are networked via BEGA Smart after sunset and when motion is detected. Alternatively, other luminaires can be controlled via the integrated relay output.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Unshielded · Light emission 360°							
with anch. unit	with screw-on base	LED		Controllable	Connection	A	B
84 310	84 417	5.0 W	445 lm	on/off	Terminals 3 × 4▢	110	730
84 311	84 418	9.5 W	865 lm	DALI	Terminals 5 × 4▢	140	910
		LED lamp		Socket			
84 312	84 419	1 × 7.0 W	510 lm	E 27	Terminals 3 × 4▢	110	730
84 313	84 420	1 × 12.0 W	880 lm	E 27	Terminals 3 × 4▢	140	910

Configuration and control via BEGA Smart							
with anch. unit	with screw-on base	LED		Controllable	Connection	A	B
85 249	85 250	4.8 W	445 lm	BEGA Smart	Terminals 3 × 4▢	110	730
• 85 343	• 85 344	9.4 W	810 lm	BEGA Smart	Terminals 3 × 4▢	140	910

With PIR motion and light sensor · Configuration and control via BEGA Smart							
with anch. unit	with screw-on base	LED		Controllable	Connection	A	B
• 85 251	• 85 252	4.8 W	445 lm	BEGA Smart	Terminals 4 × 4▢	110	730
• 85 284	• 85 285	9.4 W	810 lm	BEGA Smart	Terminals 4 × 4▢	140	910

• New in the range

Garden and pathway luminaires
With safety guard · Light emission 180°
Optionally with PIR motion and light sensor

Protection class IP 65 · Cast aluminium and aluminium · Opal glass with thread · BEGA Thermal Management®
The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base.

Luminaires with LED module: on/off or DALI controllable power supply units
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with E 27 socket
Including matching LED lamps · Colour temperature 3000 K – Article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434–435.

Luminaires with LED module: Configuration and control via BEGA Smart
BEGA Smart controllable luminaires can be networked, switched, dimmed and adjusted to a colour temperature of 3000 K or 4000 K. Luminaires with PIR sensor can also automatically control other luminaires that are networked via BEGA Smart after sunset and when motion is detected. Alternatively, other luminaires can be controlled via the integrated relay output.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

With safety guard · Light emission 180°							
with anch. section	with screw-on base	LED		Controllable	Connection	A	B
84 316	84 423	5.0 W	90 lm	on/off	Terminals 3 × 4□	110	730
84 317	84 424	9.5 W	170 lm	DALI	Terminals 5 × 4□	140	910
		LED lamp		Socket			
84 318	84 425	1 × 4.0 W	55 lm	E 14	Terminals 3 × 4□	110	730
84 319	84 426	1 × 8.0 W	125 lm	E 27	Terminals 3 × 4□	140	910

Configuration and control via BEGA Smart							
with anch. section	with screw-on base	LED		Controllable	Connection	A	B
85 253	85 254	4.8 W	90 lm	BEGA Smart	Terminals 3 × 4□	110	730
• 85 345	• 85 346	9.4 W	140 lm	BEGA Smart	Terminals 3 × 4□	140	910

With PIR motion and light sensor · Configuration and control via BEGA Smart							
with anch. section	with screw-on base	LED		Controllable	Connection	A	B
• 85 255	• 85 256	4.8 W	90 lm	BEGA Smart	Terminals 4 × 4□	110	730
• 85 286	• 85 287	9.4 W	140 lm	BEGA Smart	Terminals 4 × 4□	140	910

Garden and pathway luminaires
With safety guard · Light emission 360°
Optionally with PIR motion and light sensor

Protection class IP 65 · Cast aluminium and aluminium · Opal glass with thread · BEGA Thermal Management®
The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base.

Luminaires with LED module: on/off or DALI controllable power supply units
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with E 27 socket
Including matching LED lamps · Colour temperature 3000 K – Article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434–435.

Luminaires with LED module: Configuration and control via BEGA Smart
BEGA Smart controllable luminaires can be networked, switched, dimmed and adjusted to a colour temperature of 3000 K or 4000 K. Luminaires with PIR sensor can also automatically control other luminaires that are networked via BEGA Smart after sunset and when motion is detected. Alternatively, other luminaires can be controlled via the integrated relay output.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

With safety guard · Light emission 360°							
with anch. unit	with screw-on base	LED		Controllable	Connection	A	B
84 322	84 429	5.0 W	175 lm	on/off	Terminals 3 × 4□	110	730
84 323	84 430	9.5 W	355 lm	DALI	Terminals 5 × 4□	140	910
		LED lamp		Socket			
84 324	84 431	1 × 4.0 W	115 lm	E 14	Terminals 3 × 4□	110	730
84 325	84 432	1 × 8.0 W	240 lm	E 27	Terminals 3 × 4□	140	910

Configuration and control via BEGA Smart							
with anch. unit	with screw-on base	LED		Controllable	Connection	A	B
85 257	85 258	4.8 W	175 lm	BEGA Smart	Terminals 3 × 4□	110	730
• 85 347	• 85 348	9.4 W	285 lm	BEGA Smart	Terminals 3 × 4□	140	910

With PIR motion and light sensor · Configuration and control via BEGA Smart							
with anch. unit	with screw-on base	LED		Controllable	Connection	A	B
• 85 259	• 85 260	4.8 W	175 lm	BEGA Smart	Terminals 4 × 4□	110	730
• 85 288	• 85 289	9.4 W	285 lm	BEGA Smart	Terminals 4 × 4□	140	910

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Garden and pathway luminaires
Shielded · Light emission 360°
Optionally with PIR motion and light sensor

works with
BEGA Smart

DarkSky

Protection class IP 65
Cast aluminium and aluminium · Synthetic cover BEGA NeoGlass® · BEGA Thermal Management®
The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base.

These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

Configuration and control via BEGA Smart
BEGA Smart controllable luminaires can be networked, switched, dimmed and adjusted to a colour temperature of
3000 K or 4000 K. Luminaires with PIR sensor can also automatically control other luminaires that are networked
via BEGA Smart after sunset and when motion is detected. Alternatively, other luminaires can be controlled via the
integrated relay output.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Shielded · Light emission 360°								
with anch. unit	with screw-on base	LED		Controllable	Connection	A	B	C
• **85 213**	• **85 214**	4.5 W	170 lm	BEGA Smart	Terminals 3 × 4□	250	610	110
• **85 215**	• **85 216**	9.4 W	380 lm	BEGA Smart	Terminals 3 × 4□	300	750	140

With PIR motion and light sensor								
with anch. unit	with screw-on base	LED		Controllable	Connection	A	B	C
• **85 217**	• **85 218**	4.5 W	170 lm	BEGA Smart	Terminals 4 × 4□	250	610	110
• **85 219**	• **85 220**	9.4 W	380 lm	BEGA Smart	Terminals 4 × 4□	300	750	140

• New in the range

Garden and pathway luminaires
Shielded · Light emission 180°
Optionally with PIR motion and light sensor

Protection class IP 65 · Cast aluminium and aluminium · Synthetic cover BEGA NeoGlass®
BEGA Thermal Management®
Reflector surface made of pure aluminium
The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Configuration and control via BEGA Smart
BEGA Smart controllable luminaires can be wirelessly networked, switched and dimmed. Luminaires with PIR sensor can also automatically control other luminaires that are networked via BEGA Smart after sunset and when motion is detected. Alternatively, other luminaires can be controlled via the integrated relay output.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Shielded · Light emission 180°

with anch. unit	with screw-on base	LED		Controllable	Connection	A	B	C
• **85 319**	• **85 320**	4.8 W	315 lm	BEGA Smart	Terminals 3 × 4▢	175	730	110
• **85 321**	• **85 322**	6.8 W	645 lm	BEGA Smart	Terminals 3 × 4▢	215	900	140

With PIR motion and light sensor

with anch. unit	with screw-on base	LED		Controllable	Connection	A	B	C
• **85 329**	• **85 330**	4.8 W	315 lm	BEGA Smart	Terminals 4 × 4▢	175	730	110
• **85 331**	• **85 332**	6.8 W	645 lm	BEGA Smart	Terminals 4 × 4▢	215	900	140

Garden and pathway luminaires
Shielded · Light emission 360°
Optionally with PIR motion and light sensor

Protection class IP 65 · Cast aluminium and aluminium · Synthetic cover BEGA NeoGlass®
BEGA Thermal Management®
Reflector surface made of pure aluminium
The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Configuration and control via BEGA Smart
BEGA Smart controllable luminaires can be wirelessly networked, switched and dimmed. Luminaires with PIR sensor can also automatically control other luminaires that are networked via BEGA Smart after sunset and when motion is detected. Alternatively, other luminaires can be controlled via the integrated relay output.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Shielded · Light emission 360°

with anch. unit	with screw-on base	LED		Controllable	Connection	A	B	C
• **85 323**	• **85 324**	6.9 W	575 lm	BEGA Smart	Terminals 3 × 4▢	175	730	110
• **85 325**	• **85 326**	8.8 W	1020 lm	BEGA Smart	Terminals 3 × 4▢	215	900	140

With PIR motion and light sensor

with anch. unit	with screw-on base	LED		Controllable	Connection	A	B	C
• **85 333**	• **85 334**	6.9 W	575 lm	BEGA Smart	Terminals 4 × 4▢	175	730	110
• **85 335**	• **85 336**	8.8 W	1020 lm	BEGA Smart	Terminals 4 × 4▢	215	900	140

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Battery-powered table lamps for private use
Shielded light, directed downwards

Protection class IP 54
Cast aluminium · Translucent synthetic cover
Integrated lithium ion battery · USB-C charging port dimmable in 4 stages 25 % · 50 % · 75 % · 100 %
12 hours light operation at 100 %
These luminaires emit less than 1 % of the light into the upper half-space of the luminaires.

Colour temperature: 2700 K – Article number + **K27**

Luminaire colour · BEGA Unidure®
Graphite – article number
White – article number + **W**

20-year availability guarantee for replacement parts and LED modules

	LED		Ø	H
24 866 Rounded	2.0 W	215 lm	150	220

	LED		Ø	H
24 867 Flat	2.0 W	215 lm	150	220

The luminaires in our **Dark Sky** range direct their light onto the surface to be illuminated with high efficiency, while emitting less than 1 % of their luminaire luminous flux into the upper half-space of the luminaire.

bega.com/darksky

Installation options for the permanent installation of BEGA garden and pathway luminaires

Anchorage unit

For installations in e.g. **a flower bed or in unpaved ground.**

With this type of installation, an underground cable is routed into the anchorage unit from below. The underground cable and anchorage unit are set in concrete.
The luminaire is then connected, placed on the anchorage unit and bolted in position.
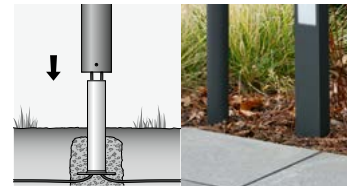
Screw-on base

For an installation on e.g. **an on-site foundation or other paved area.**

With this type of installation, the underground cable is routed into the screw-on base from below. The socket is bolted onto the mounting surface. The luminaire is then connected with a line connector and fixed to the screw-on base.
In some model series, a supplied cover plate between the vertical luminaire tube and the screw-on base covers the mounting screws.

Garden and pathway luminaires for private use
Shielded very wide beam symmetrical light, directed downwards

Protection class IP 65
Cast aluminium and aluminium
Synthetic cover with optical texture
BEGA Ultimate Driver® · on/off
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base with matching cover plate.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	Connection	A	B	C	D
77 218 with anchorage unit	4.9 W	365 lm	on/off	Terminals 3 × 4□	160	685	230	—
77 219 with screw-on base	4.9 W	365 lm	on/off	Terminals 3 × 4□	160	700	230	100

Garden and pathway luminaires for private use
Shielded very wide beam light, directed downwards

Protection class IP 65
Cast aluminium and aluminium
Synthetic cover with optical texture
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base with matching cover plate.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	Connection	A	B	C	D
77 233 with anchorage unit	4.8 W	155 lm	on/off	Terminals 3 × 4□	160	685	70	—
77 234 with screw-on base	4.8 W	155 lm	on/off	Terminals 3 × 4□	160	695	70	100

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Garden and pathway luminaires for private use
Shielded light

Protection class IP 65
Cast aluminium · Safety glass
on/off power supply units · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

We recommend using a BEGA distribution box if through-wiring to other luminaires is required.
For further information on the BEGA distribution box, see Page 446.

Please order the luminaires with either an anchorage section or a mounting plate.
We explain the installation options on Page 203 or on our website at bega.com.
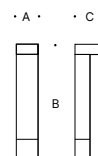
Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules
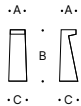
		LED		Controllable		A	B	C
77 276	with anchorage unit	4.9 W	235 lm	on/off		70 × 70	250	90 × 90
77 277	with mounting plate	4.9 W	235 lm	on/off		70 × 70	250	90 × 90
84 108	with anchorage unit	13.6 W	850 lm	on/off		125 × 85	355	150 × 110
84 176	with mounting plate	13.6 W	850 lm	on/off		125 × 85	355	150 × 110

Garden and pathway luminaires for private use
Shielded, downwards directed light

Protection class IP 65
Cast aluminium and aluminium · Safety glass
BEGA Ultimate Driver® · on/off
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base with matching cover plate.
We explain the installation options on Page 203 or on our website at bega.com.
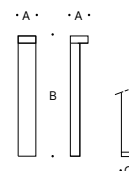
Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

		LED		Controllable	Connection	A	B	C	D
77 265	with anchorage unit	5.0 W	215 lm	on/off	Terminals 3 × 4□	90	700	50	—
77 266	with screw-on base	5.0 W	215 lm	on/off	Terminals 3 × 4□	90	700	50	80

Garden and pathway luminaires for private use
Shielded, downwards directed light

Protection class IP 65
Cast aluminium and aluminium · Safety glass
BEGA Ultimate Driver® · on/off
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base. We explain the installation
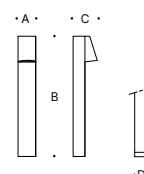options on Page 203 or on our website at bega.com.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

		LED		Controllable	Connection	A	B	C
84 808	with anchorage unit	7.0 W	510 lm	on/off	Terminals 3 × 4□	215	700	90
84 809	with screw-on base	7.0 W	510 lm	on/off	Terminals 3 × 4□	215	700	90

Garden and pathway luminaires for private use
Shielded light, directed downwards

Protection class IP 65
Cast aluminium and aluminium · Safety glass
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base. We explain the installation options on Page 203 or on our website at bega.com.
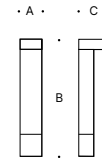
Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite
85180 · 85181 Interior colour bronze

20-year availability guarantee for replacement parts and LED modules

· A ·

B
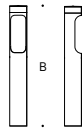
Interior colour **graphite**

	LED		Controllable	Connection	A	B
85 178 with anchorage unit	4.7 W	280 lm	on/off	Terminals 3 × 4□	Ø 100	700
85 179 with screw-on base	4.7 W	280 lm	on/off	Terminals 3 × 4□	Ø 100	700

Interior colour **bronze**

	LED		Controllable	Connection	A	B
85 180 with anchorage unit	4.7 W	290 lm	on/off	Terminals 3 × 4□	Ø 100	700
85 181 with screw-on base	4.7 W	290 lm	on/off	Terminals 3 × 4□	Ø 100	700

Garden and pathway luminaires for private use
Shielded light, directed downwards

Protection class IP 65
Cast aluminium and aluminium · Safety glass
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base. We explain the installation options on Page 203 or on our website at bega.com.

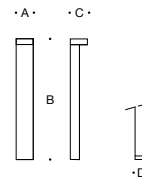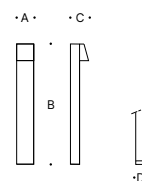Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite
85184 · 85185 Interior colour bronze

20-year availability guarantee for replacement parts and LED modules

· A ·

B
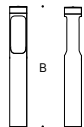
Interior colour **graphite**

	LED		Controllable	Connection	A	B
85 182 with anchorage unit	5.8 W	350 lm	on/off	Terminals 3 × 4□	Ø 100	700
85 183 with screw-on base	5.8 W	350 lm	on/off	Terminals 3 × 4□	Ø 100	700

Interior colour **bronze**

	LED		Controllable	Connection	A	B
85 184 with anchorage unit	5.8 W	365 lm	on/off	Terminals 3 × 4□	Ø 100	700
85 185 with screw-on base	5.8 W	365 lm	on/off	Terminals 3 × 4□	Ø 100	700

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
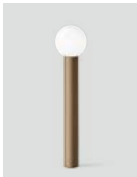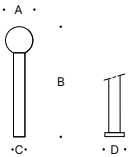
Garden and pathway luminaires for private use
Flat beam light, directed downwards

Protection class IP 65
Cast aluminium · Safety glass · Accoya® wood
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base.
We explain the installation options on Page 203 or on our website at bega.com.

Colour temperature: 3000K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

		LED		Controllable	Connection	A	B	C
84 480	with anchorage unit	4.9 W	370 lm	on/off	Terminals 5 × 4□	130	725	195
84 499	with screw-on base	4.9 W	370 lm	on/off	Terminals 5 × 4□	130	725	195

Garden and pathway luminaires for private use
Flat beam light, directed downwards

Protection class IP 65
Cast aluminium and aluminium · Safety glass
BEGA Ultimate Driver® · on/off
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base with matching cover plate.
We explain the installation options on Page 203 or on our website at bega.com.

Colour temperature: 3000K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

		LED		Controllable	Connection	A	B	C
77 263	with anchorage unit	2.7 W	165 lm	on/off	Terminals 3 × 4□	110	685	—
77 264	with screw-on base	2.7 W	165 lm	on/off	Terminals 3 × 4□	110	700	110

Garden and pathway luminaires for private use
Symmetrical light, directed downwards

Protection class IP 64
Cast aluminium and aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base with matching cover plate.
We explain the installation options on Page 203 or on our website at bega.com.

Colour temperature: 3000K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

		LED		Controllable	Connection	A	B	C	D
77 239	with anchorage unit	2.5 W	145 lm	on/off	Terminals 3 × 4□	75	685	125	—
77 249	with screw-on base	2.5 W	145 lm	on/off	Terminals 3 × 4□	75	700	125	65

Garden and pathway luminaires for private use
Flat beam light, directed downwards

Protection class IP 65
Cast aluminium · Safety glass · Accoya® wood
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base.
We explain the installation options on Page 203 or on our website at bega.com.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	Connection	A	B	C
84 479 with anchorage unit	4.9 W	370 lm	on/off	Terminals 5 × 4▢	130	725	180
84 498 with screw-on base	4.9 W	370 lm	on/off	Terminals 5 × 4▢	130	725	180

Garden and pathway luminaires for private use
Flat beam light, directed downwards

Protection class IP 65
Cast aluminium and aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base with matching cover plate.
We explain the installation options on Page 203 or on our website at bega.com.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	Connection	A	B	C	D
84 218 with anchorage unit	4.9 W	330 lm	on/off	Terminals 3 × 4▢	110	700	110	—
84 228 with screw-on base	4.9 W	330 lm	on/off	Terminals 3 × 4▢	110	700	110	110

Garden and pathway luminaires for private use
Flat beam light, directed downwards

Protection class IP 64
Cast aluminium and aluminium · Safety glass
BEGA Ultimate Driver® · on/off
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base with matching cover plate.
We explain the installation options on Page 203 or on our website at bega.com.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	Connection	A	B	C	D
77 237 with anchorage unit	2.7 W	155 lm	on/off	Terminals 3 × 4▢	90	685	105	—
77 238 with screw-on base	2.7 W	155 lm	on/off	Terminals 3 × 4▢	90	700	105	65

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
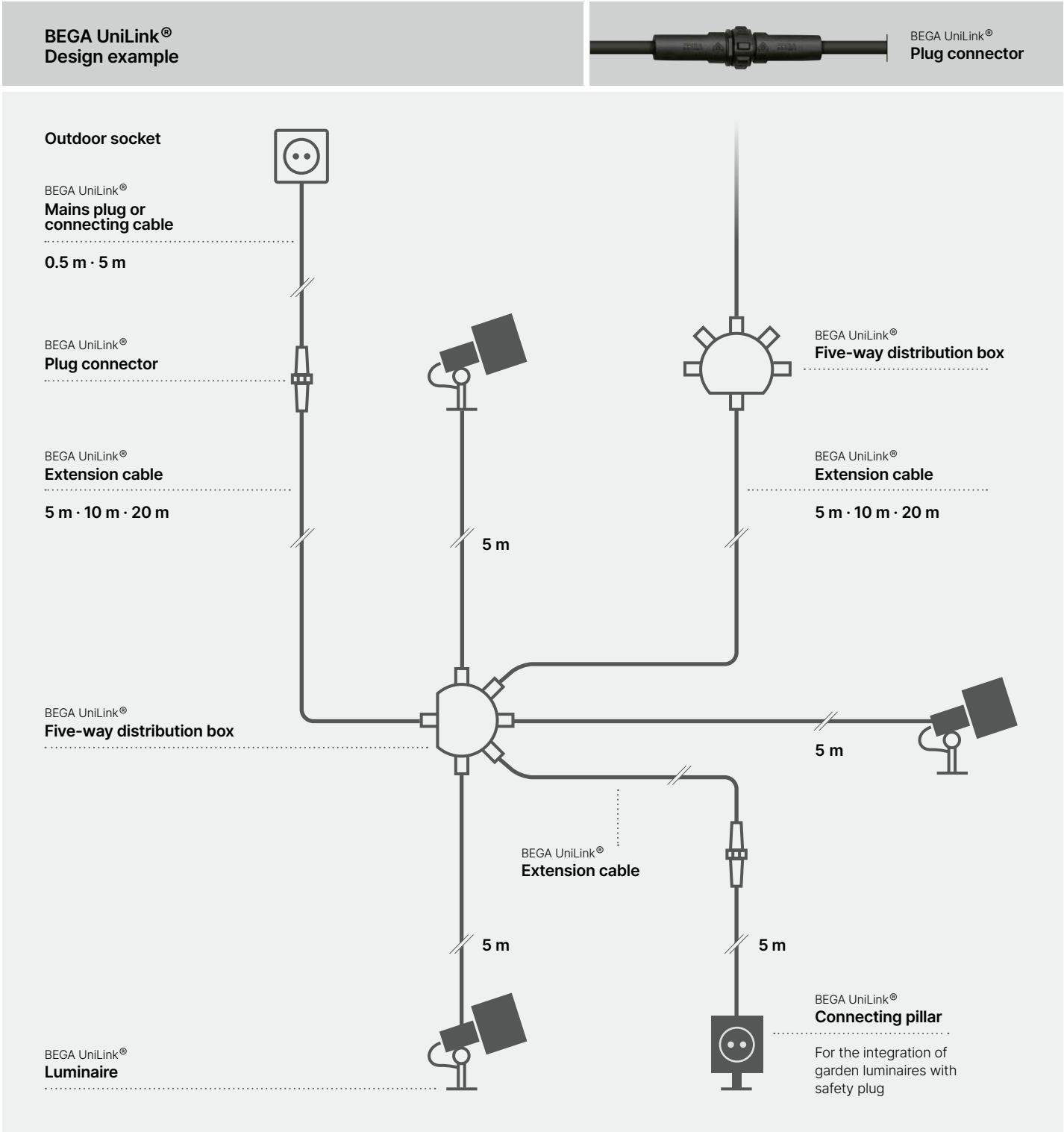
Garden and pathway luminaires for private use
Unshielded light

Protection class IP 65
Aluminium · Opal glass with thread
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base with matching cover plate.
We explain the installation options on Page 203 or on our website at bega.com.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**
Bronze – article number + **B**

20-year availability guarantee for replacement parts and LED modules

Luminaire colour
Bronze

	LED		Controllable	Connection	A	B	C	D
77 223 with anchorage unit	4.8 W	540 lm	on/off	Terminals 3 × 4□	150	785	70	—
77 224 with screw-on base	4.8 W	540 lm	on/off	Terminals 3 × 4□	150	795	70	100

Garden and pathway luminaires for private use
Unshielded light

Protection class IP 65
Aluminium · Opal glass with thread
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base with matching cover plate.
We explain the installation options on Page 203 or on our website at bega.com.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**
Bronze – article number + **B**

20-year availability guarantee for replacement parts and LED modules

Luminaire colour
Bronze

	LED		Controllable	Connection	A	B	C	D
77 235 with anchorage unit	4.8 W	450 lm	on/off	Terminals 3 × 4□	70	865	70	—
77 236 with screw-on base	4.8 W	450 lm	on/off	Terminals 3 × 4□	70	875	70	100

Garden and pathway luminaires for private use
Unshielded light on one side

Protection class IP 65
Aluminium · Safety glass
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

The luminaires are suitable for through-wiring.
Delivery includes either an anchorage unit or a screw-on base with matching cover plate.
We explain the installation options on Page 203 or on our website at bega.com.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
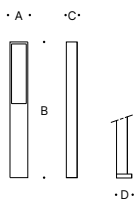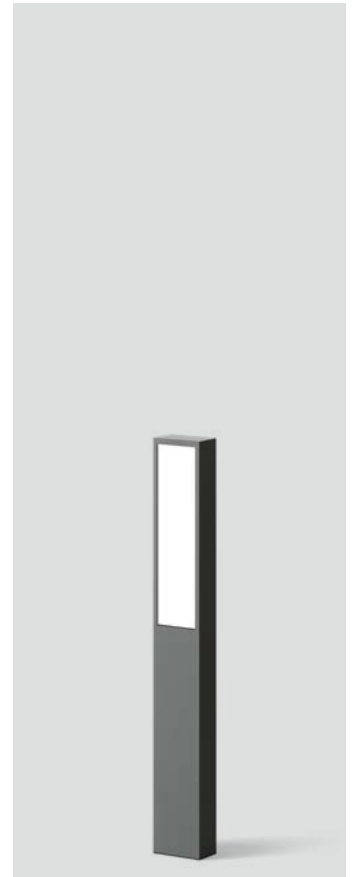
	LED		Controllable	Connection	A	B	C	D
77 246 with anchorage unit	2.8 W	140 lm	on/off	Terminals 3 × 4□	90	685	55	—
77 247 with screw-on base	2.8 W	140 lm	on/off	Terminals 3 × 4□	90	700	55	65

Garden and pathway luminaires for private use
Unshielded light

Protection class IP 65
Cast aluminium and aluminium · Crystal glass, inside white
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®

We recommend using BEGA distribution boxes if through-wiring to another luminaire is required.
For more information, see Page 446.

Delivery includes either an anchorage unit or a screw-on base. We explain the installation
options on Page 203 or on our website at bega.com.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
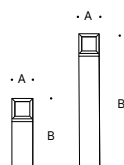
Height 400 mm						
	LED		Controllable	Connection	A	B
84 604 with anchorage unit	3.8 W	350 lm	on/off	Terminals 3 × 2.5□	120 × 120	400
84 606 with screw-on base	3.8 W	350 lm	on/off	Terminals 3 × 2.5□	120 × 120	400

Height 800 mm						
	LED		Controllable	Connection	A	B
84 605 with anchorage unit	3.8 W	350 lm	on/off	Terminals 3 × 2.5□	120 × 120	800
84 607 with screw-on base	3.8 W	350 lm	on/off	Terminals 3 × 2.5□	120 × 120	800

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

BEGA UniLink® · Garden luminaires for private use

BEGA UniLink® is the flexible way to brighten up your garden.
All you need is one available outdoor socket and BEGA UniLink®.
Simply plug in, position the luminaires and off you go.

Every BEGA UniLink® luminaire is equipped with a five-metre-long
connecting cable with a waterproof plug connector. You can connect
the individual luminaire to an outdoor socket in no time at all using the
matching country-specific mains plug.

Thanks to the sophisticated distribution box system, you can connect
up to five BEGA UniLink® luminaires with a single power connection
and position each individual luminaire freely in the garden within
a range of up to 50 metres. You can add more distribution boxes to
connect additional luminaires.

bega.com/unilink

BEGA UniLink®
Design example

BEGA UniLink®
Plug connector

Outdoor socket

BEGA UniLink®
**Mains plug or
connecting cable**

0.5 m · 5 m

BEGA UniLink®
Plug connector

BEGA UniLink®
Extension cable

5 m · 10 m · 20 m

BEGA UniLink®
Five-way distribution box

BEGA UniLink®
Five-way distribution box

BEGA UniLink®
Extension cable

5 m · 10 m · 20 m

5 m

5 m

BEGA UniLink®
Extension cable

5 m

5 m

BEGA UniLink®
Luminaire

BEGA UniLink®
Connecting pillar

For the integration of
garden luminaires with
safety plug

BEGA UniLink® system components

To connect a BEGA UniLink® luminaire to the power network, it is necessary to have at least one mains plug or one connection cable with free cable end.

Type F / E	Type G	Type J	Type K	Type L
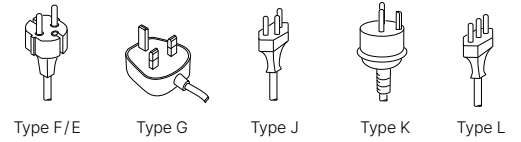
Requirement:
Mains connection

BEGA UniLink®
Mains plug · 0.5 m connecting cable

0.5 m connecting cable with BEGA UniLink® plug connector · Jack

Colour graphite

71 180	Type F	Germany and Europe
	Type E	France and Belgium
71 181	Type G	Great Britain
71 182	Type J	Switzerland and Liechtenstein
71 184	Type K	Denmark
71 183	Type L	Italy

BEGA UniLink®
Connecting cables with free cable ends

with a BEGA UniLink® plug connector · Jack and one free cable end to connect to e.g. a conventional connection box.

Colour graphite

71 256	Connecting cable with free cable ends 0.5 m
71 247	Connecting cable with free cable ends 5.0 m

Optional:
Integrating
additional luminaires

BEGA UniLink®
Extension cables

Protection class IP 67
with BEGA UniLink® Play plug connector · Jack and plug

Colour graphite

71 186	Extension cable · 5 m
71 187	Extension cable · 10 m
71 188	Extension cable · 20 m

BEGA UniLink®
Five-way distribution box

Protection class IP 67
with BEGA UniLink® plug connector · Five jacks and one plug
For the connection of additional BEGA UniLink® luminaires,
extension cables or additional five-way distribution boxes.
Synthetic material

Colour graphite

71 189	Five-way distribution box

Optional:
Expanding the system

BEGA UniLink®
Portable connecting pillar

With BEGA UniLink® plug connector · Earth spike and 2 type F safety sockets. For integrating garden luminaires with safety plugs into the BEGA UniLink® system.

Type F

Protection class IP 44 · Glass-fibre reinforced synthetic material
5 m connecting cable with BEGA UniLink® plug connector
Maximum current load 6 A/1200 W
Integrated, replaceable microfuse 6.3 A time-delayed · Ø 5 × 20 mm

Housing colour · Graphite
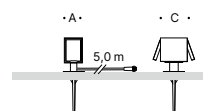
		A	B	C
71 277	Connecting pillar	75	160	125
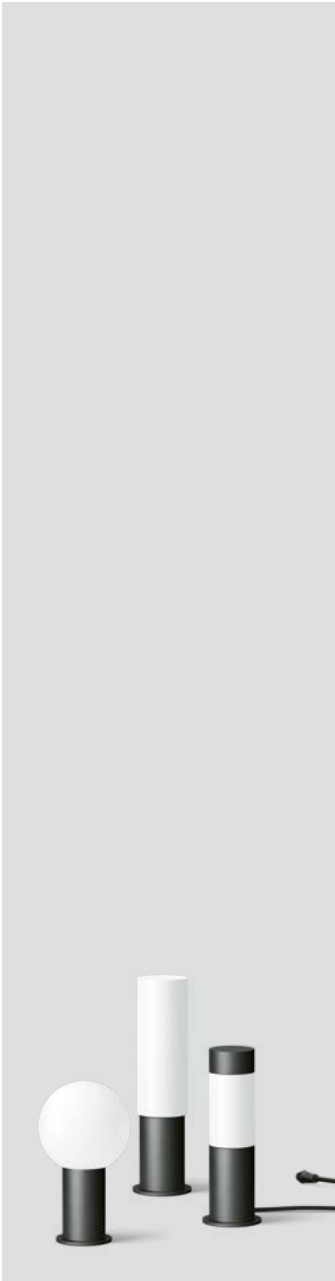
BEGA UniLink®
Unshielded, portable LED garden luminaires with earth spike
For private use

Protection class IP 65
Housing and earth spike made of fibreglass-reinforced synthetic material · Opal glass with thread
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®
5 m connecting cable with BEGA UniLink® plug connector

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · Graphite

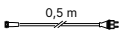20-year availability guarantee for replacement parts and LED modules

Please note:
Connecting individual BEGA UniLink® luminaires or a UniLink® system to the mains requires a mains plug, which must be ordered separately. For technical data, see Page 211

0,5 m
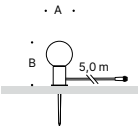
Sphere				
	LED	Controllable	A	B
84 918	2.9 W 245 lm	on/off	150	260
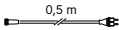
Connecting cable	
With mains plug	
71 180	Type F/E
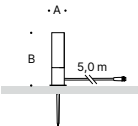
Cylinder				
	LED	Controllable	A	B
84 919	2.9 W 235 lm	on/off	70	340

Connecting cable	
With mains plug	
71 180	Type F/E
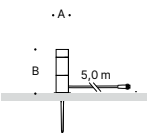
Cylinder with top				
	LED	Controllable	A	B
84 920	2.9 W 185 lm	on/off	65	270

Connecting cable	
With mains plug	
71 180	Type F/E
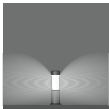
BEGA UniLink®
Unshielded, portable garden luminaires
For private use

Protection class IP 65
Base plate made of stainless steel · Synthetic sphere, white
5 m connecting cable with BEGA UniLink® plug connector

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacements

Please note:
Connecting individual BEGA UniLink® luminaires or a UniLink® system to the mains requires a mains plug, which must be ordered separately. For technical data, see Page 211

0,5 m
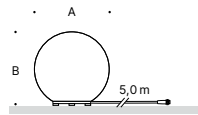
	LED lamp included		Socket	A	B
84 826	1 × 8.0 W	960 lm	E 27	350	345
84 827	1 ×12.0 W	1310 lm	E 27	450	445
84 828	1 ×12.0 W	1300 lm	E 27	550	525
84 829	1 ×12.0 W	1275 lm	E 27	630	615

Connecting cable
with mains plug

71 180	Type F/E
71 180	Type F/E
71 180	Type F/E
71 180	Type F/E

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
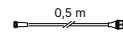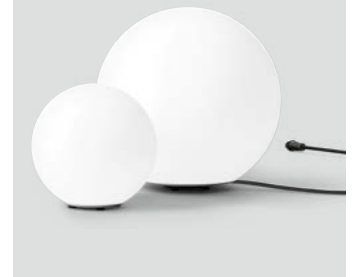
BEGA UniLink®
Shielded, portable garden luminaires with earth spike
For private use

Protection class IP 65
Cast aluminium · Standpipe made of anodised aluminium
Translucent synthetic cover
5 m connecting cable with BEGA UniLink® plug connector
BEGA Ultimate Driver® · on/off

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Please note:
Connecting individual BEGA UniLink® luminaires or a UniLink® system to the mains requires a mains plug, which must be ordered separately. For technical data, see Page 211

0,5 m

Connecting cable with mains plug
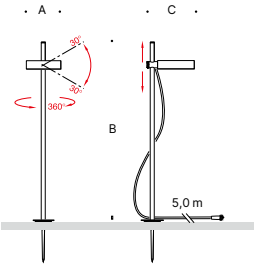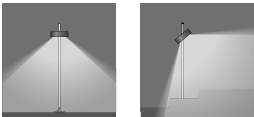
	LED		Controllable	A	B	C
84 825	5.0 W	480 lm	on/off	160	1000	230
71 180	Type F/E					
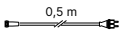
BEGA UniLink®
Shielded portable patio luminaire with base plate
For private use

Protection class IP 65
Cast aluminium · Standpipe made of anodised aluminium
Translucent synthetic cover
5 m connecting cable with BEGA UniLink® plug connector
Can be switched and dimmed using a pushbutton

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

The luminaire can be switched on and off or dimmed using a pushbutton on the luminaire head.

Please note:
Connecting individual BEGA UniLink® luminaires or a UniLink® system to the mains requires a mains plug, which must be ordered separately. For technical data, see Page 211

0,5 m

Connecting cable with mains plug
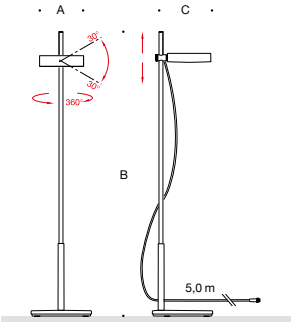
	LED		Controllable	A	B	C
84 912	15.0 W	1335 lm	Touch dimmer	220	1600	295
71 180	Type F/E					

BEGA UniLink®
Shielded, portable garden luminaires with earth spike
For private use

Protection class IP 65
Cast aluminium · Standpipe made of anodised aluminium
Translucent synthetic cover
5 m connecting cable with BEGA UniLink® plug connector
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Please note:
Connecting individual BEGA UniLink® luminaires or a UniLink® system to the mains requires a mains plug, which must be ordered separately. For technical data, see Page 211

Connecting cable with mains plug

	LED		Controllable	A	B			
84 859	5.0 W	535 lm	on/off	Ø 250	500		**71 180**	Type F/E
84 842	5.0 W	535 lm	on/off	Ø 250	1000		**71 180**	Type F/E

BEGA UniLink®
Shielded, portable garden luminaires with earth spike
For private use

Protection class IP 65
Cast aluminium · Standpipe made of anodised aluminium
Translucent synthetic cover
5 m connecting cable with BEGA UniLink® plug connector
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

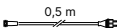Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Please note:
Connecting individual BEGA UniLink® luminaires or a UniLink® system to the mains requires a mains plug, which must be ordered separately. For technical data, see Page 211

Connecting cable with mains plug

	LED		Controllable	A	B			
84 889	5.0 W	570 lm	on/off	Ø 200	515		**71 180**	Type F/E
84 890	5.0 W	570 lm	on/off	Ø 200	1015		**71 180**	Type F/E
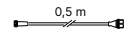
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

BEGA UniLink®
3 portable floodlights with earth spike
For private use

Protection class IP 65
Glass-fibre reinforced synthetic material · Safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
5 m connecting cable with BEGA UniLink® plug connector
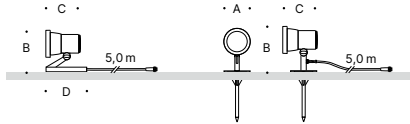Cable length between distribution box and each floodlight 3 m
on/off power supply unit

Burning position adjustment without tools

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · Graphite

20-year availability guarantee for replacement parts and LED modules

Please note:
Connecting individual BEGA UniLink® luminaires or a UniLink® system to the mains requires a mains plug, which must be ordered separately. For technical data, see Page 211

0,5 m

Connecting cable with mains plug
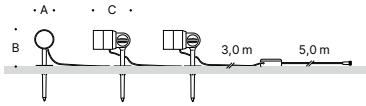
	LED		Controllable	β	A	B	C			
84 821	14.0 W	975 lm	on/off	24°	55	110	100		**71 180**	Type F/E
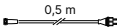
BEGA UniLink®
Portable floodlight with earth spike
For private use

Protection class IP 65
Glass-fibre reinforced synthetic material · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
5 m connecting cable with BEGA UniLink® plug connector
BEGA AC module · on/off
BEGA Thermal Management®

Burning position adjustment without tools

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · Graphite

20-year availability guarantee for replacement parts and LED modules

Please note:
Connecting individual BEGA UniLink® luminaires or a UniLink® system to the mains requires a mains plug, which must be ordered separately. For technical data, see Page 211

0,5 m

Connecting cable with mains plug
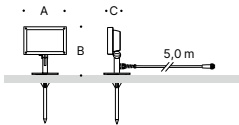
	LED		Controllable	β	A	B	C			
84 824	10.0 W	960 lm	on/off	70/90°	165	185	50		**71 180**	Type F/E
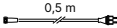
BEGA UniLink®
Portable floodlights
For private use

Protection class IP 67
Cast aluminium · Safety glass
BEGA Constant Optics®
Reflector made of pure anodised aluminium
5 m connecting cable with BEGA UniLink® plug connector
on/off power supply units · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Tricoat® · Graphite

20-year availability guarantee for replacement parts and LED modules

Please note:
Connecting individual BEGA UniLink® luminaires or a UniLink® system to the mains requires a mains plug, which must be ordered separately. For technical data, see Page 211

0,5 m

Connecting cable
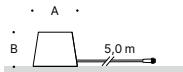
Symmetrical light distribution								With mains plug	
	LED		Controllable	β	A	B			
84 830	9.5 W	915 lm	on/off	17°	175	140		**71 180**	Type F/E
84 831	18.5 W	2135 lm	on/off	28°	205	150		**71 180**	Type F/E
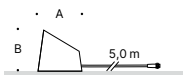
Asymmetrical light distribution								With mains plug	
	LED		Controllable	β	A	B			
84 832	18.8 W	1975 lm	on/off	75°/60°	205	200		**71 180**	Type F/E

● New in the range β = Half beam angle

BEGA UniLink®
Portable floodlights with earth spike or with ring base
For private use

Protection class IP 65
Housing made of cast aluminium, earth spike and ring base made of glass-fibre reinforced synthetic material
Safety glass
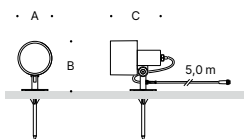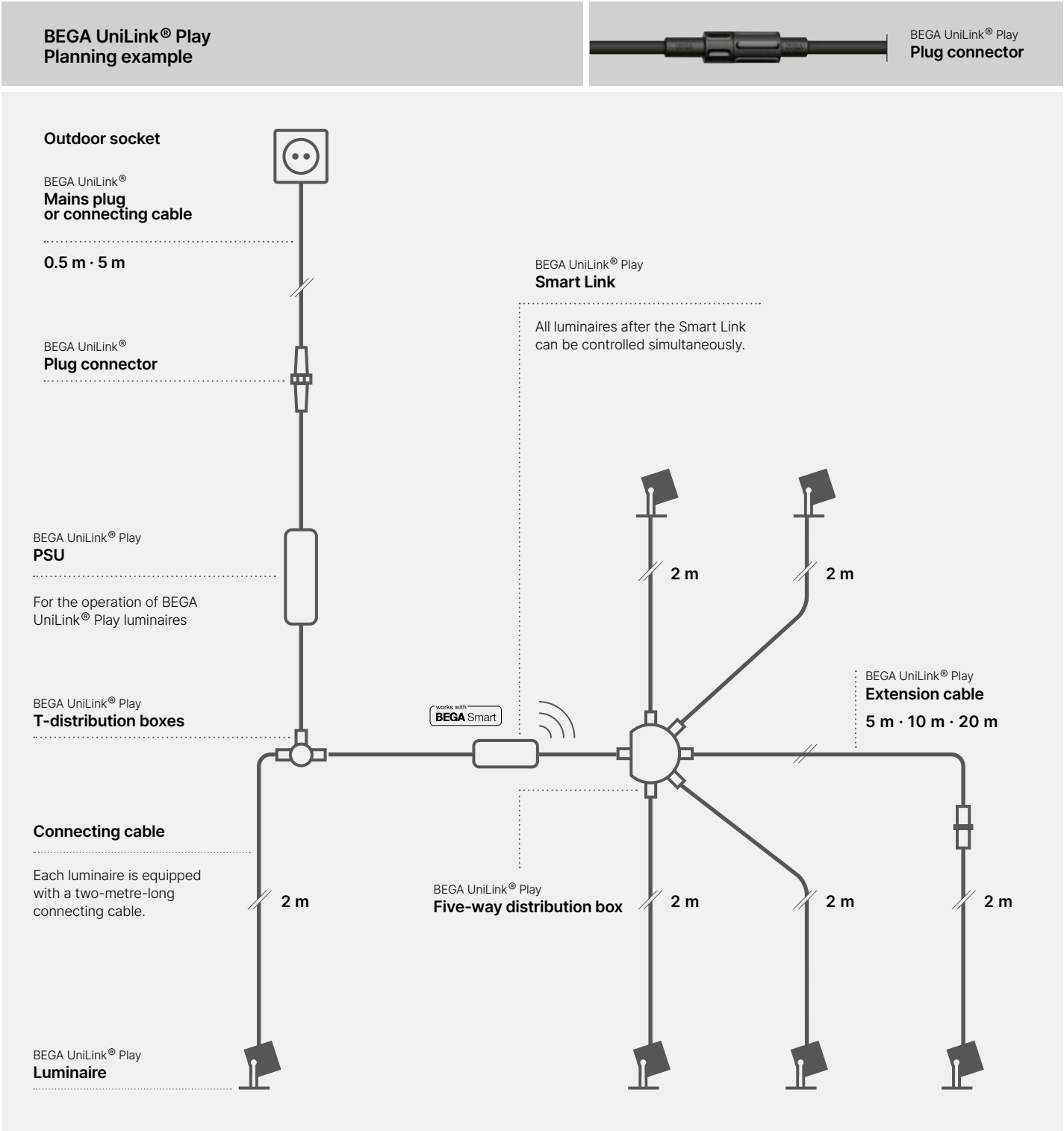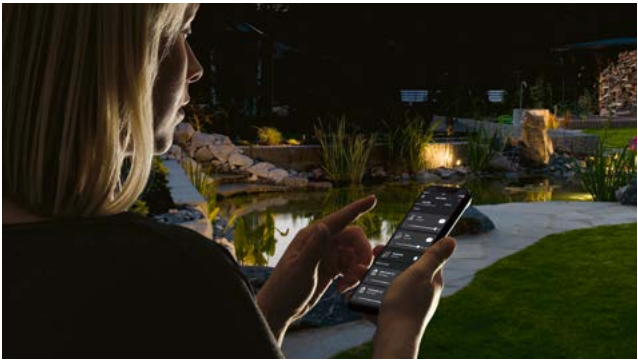Reflector with diffusing lens · Reflector surface made of pure aluminium · BEGA Constant Optics®
5 m connecting cable with BEGA UniLink® plug connector
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®

Burning position adjustment without tools

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Please note:
Connecting individual BEGA
UniLink® luminaires or a
UniLink® system to the mains
requires a mains plug, which
must be ordered separately.
For technical data, see
Page 211

With **ring base**								
	LED		Controllable	β	A	B	C	D
85 008	7.2 W	630 lm	on/off	50°	100	175	130	175

Connecting cable	
With mains plug	
71 180	Type F/E

With **earth spike**							
	LED		Controllable	β	A	B	C
• **85 283**	3.7 W	345 lm	on/off	50°	100	175	130
85 007	7.2 W	630 lm	on/off	50°	100	175	130
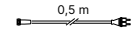
Connecting cable	
With mains plug	
71 180	Type F/E
71 180	Type F/E
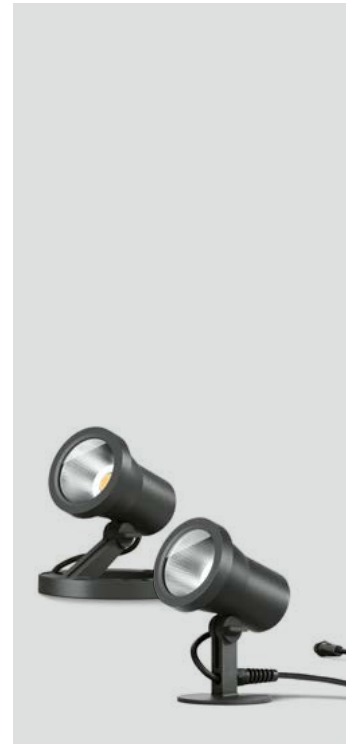
BEGA UniLink®
Portable floodlight with earth spike
For private use

Protection class IP 65 · Safety class II
Glass-fibre reinforced synthetic material · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
5 m connecting cable with BEGA UniLink® plug connector

The burning position can be adjusted and the lamps replaced without tools.

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · Graphite

20-year availability guarantee for replacements

Please note:
Connecting individual BEGA
UniLink® luminaires or a
UniLink® system to the mains
requires a mains plug, which
must be ordered separately.
For technical data, see
Page 211
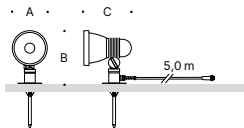
	LED lamp included		Socket	β	A	B	C
84 835	1 × 8.0 W	515 lm	E 27	93°	150	230	200

Connecting cable with mains plug	
71 180	Type F/E

BEGA UniLink®
Portable floodlights with earth spike
For private use

Protection class IP 65
Cast aluminium · Earth spike made of glass fibre reinforced synthetic material
Safety glass
Reflector with diffusing lens · Reflector surface made of pure aluminium · BEGA Constant Optics®
5 m connecting cable with BEGA UniLink® plug connector
BEGA Ultimate Driver® · on/off · BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Please note:
Connecting individual BEGA
UniLink® luminaires or a
UniLink® system to the mains
requires a mains plug, which
must be ordered separately.
For technical data, see
Page 211

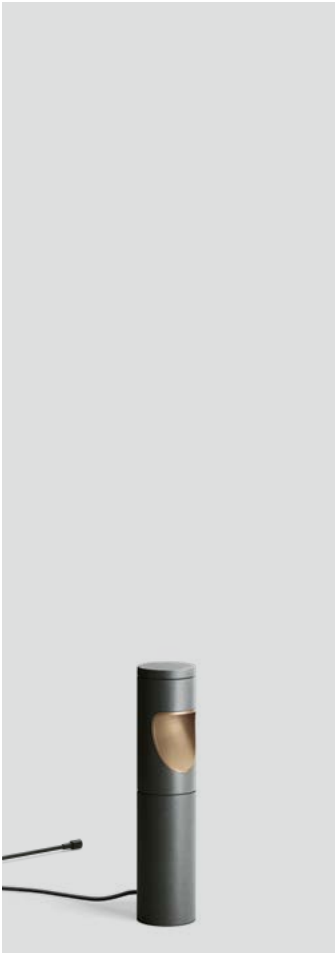|	LED		Controllable	β	A	B	C
84 770	9.4 W	790 lm	on/off	22°	135	200	230
84 769	9.4 W	770 lm	on/off	62°	135	200	230
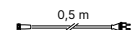
Connecting cable with mains plug	
71 180	Type F/E
71 180	Type F/E
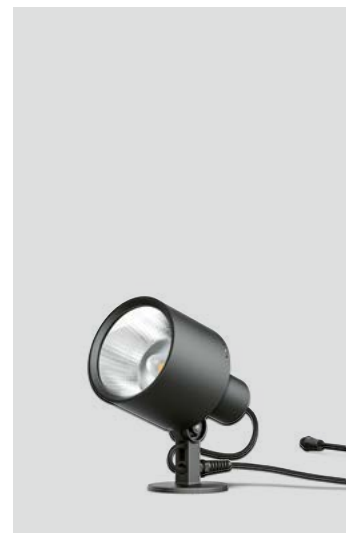
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

BEGA UniLink® Play · Garden luminaires for private use

BEGA UniLink® Play includes small-format floodlights and pathway luminaires – including matching extension leads. **This requires a BEGA UniLink® Play power supply unit, which provides a safe 48-volt operating voltage.** An integration into BEGA Smart using BEGA Smart Link allows individual control and automation of these luminaires. RGBW floodlights create coloured light in the garden and require no additional control components.

BEGA UniLink® Play can extend an existing BEGA UniLink® installation or be used as a stand-alone system.

| **BEGA UniLink® Play**
Planning example | | **BEGA UniLink® Play**
Plug connector |

Outdoor socket

BEGA UniLink®
**Mains plug
or connecting cable**

0.5 m · 5 m

BEGA UniLink®
Plug connector

BEGA UniLink® Play
Smart Link

All luminaires after the Smart Link
can be controlled simultaneously.

BEGA UniLink® Play
PSU

For the operation of BEGA
UniLink® Play luminaires

2 m   **2 m**

BEGA UniLink® Play
Extension cable
5 m · 10 m · 20 m

BEGA UniLink® Play
T-distribution boxes

works with
BEGA Smart

Connecting cable

Each luminaire is equipped
with a two-metre-long
connecting cable.

2 m

BEGA UniLink® Play
Five-way distribution box   **2 m**   **2 m**   **2 m**

BEGA UniLink® Play
Luminaire

BEGA UniLink® Play system components

To connect a BEGA UniLink® Play power supply unit to the power network, it is necessary to have at least one BEGA UniLink® mains plug or a BEGA UniLink® connecting cable with free cable ends – see Page 211.

Requirement: 48 V power supply	BEGA UniLink® Play **PSU** Protection class IP 67 Input voltage: 230 V AC 50/60 Hz Output voltage: 48 V DC, 0–100 W Multiple single luminaires can be operated with one power supply unit – provided the total output does not exceed the maximum output of the power supply unit of 100 watts. Input: BEGA UniLink® plug · Output: BEGA UniLink® Play socket Synthetic housing Colour graphite

71 321	PSU

Optional: Integrating additional luminaires	BEGA UniLink® Play **5 m · 10 m or 20 m extension cables** Protection class IP 67 Extension cable with BEGA UniLink® Play plug connector · Jack and plug Colour graphite

71 322	Extension cable · 5 m
71 323	Extension cable · 10 m
71 324	Extension cable · 20 m

BEGA UniLink® Play
T-distribution box or **five-way distribution box**

Protection class IP 67
With BEGA UniLink® plug connector · Two or five jacks and one plug
For the connection of additional BEGA UniLink® Play luminaires,
extension cables or additional distribution boxes.
Synthetic material

Colour graphite

71 326	T-distribution boxes
71 325	Five-way distribution box

Optional: Smart control	BEGA UniLink® Play **Smart Link** Protection class IP 67 For the control of all BEGA UniLink® Play luminaires that are controllable via BEGA Smart or wibutler – using the app or a remote control Synthetic housing Colour graphite

works with
BEGA Smart

71 327	Smart Link

With BEGA Smart Link, the BEGA UniLink® Play system can be controlled via app and integrated into home automations.

Download on the App Store
GET IT ON Google Play

BEGA Smart – Light control via app
Find out more
on Page 19 and on
bega.com/smart

DarkSky

BEGA UniLink® Play
Portable garden luminaire with earth spike
For private use

Protection class IP 65
Cast aluminium · Earth spike made of glass fibre reinforced synthetic material · Safety glass
2 m connecting cable with BEGA UniLink® Play plug connector
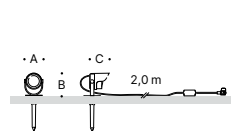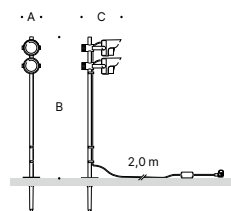
Please note:
Connecting a BEGA UniLink® Play luminaire requires a power supply unit, which must be ordered separately. Multiple single luminaires can be operated with one power supply unit – provided the total output does not exceed the maximum output of the power supply unit.
If you want to control the BEGA UniLink® Play luminaires, they can be integrated in the BEGA Smart System with the BEGA Smart Link and controlled via app, remote control or automations.

For more information see Page 219

These luminaires emit less than 1 % of the light into the upper half-space of the luminaires.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
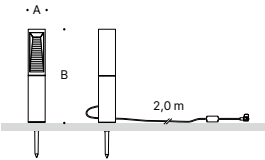
Please note:
Connecting individual BEGA UniLink® Play luminaires or a UniLink® Play system to the mains requires a UniLink® Play power supply unit 71321 and a UniLink® mains plug 71 180, which must be ordered separately.
For technical data, see Page 211.

	LED			A	B
85 089	3.6 W	175 lm		□ 55	300

BEGA UniLink® Play
Portable garden luminaire with earth spike
For private use

Protection class IP 65
Cast aluminium · Earth spike made of glass fibre reinforced synthetic material · Safety glass
2 m connecting cable with BEGA UniLink® Play plug connector

Please note:
Connecting a BEGA UniLink® Play luminaire requires a power supply unit, which must be ordered separately. Multiple single luminaires can be operated with one power supply unit – provided the total output does not exceed the maximum output of the power supply unit.
If you want to control the BEGA UniLink® Play luminaires, they can be integrated in the BEGA Smart System with the BEGA Smart Link and controlled via app, remote control or automations.

For more information see Page 219

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite
Inside colour · BEGA Unidure® · Bronze

20-year availability guarantee for replacement parts and LED modules
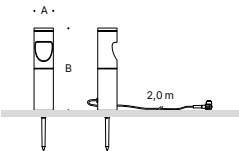
Please note:
Connecting individual BEGA UniLink® Play luminaires or a UniLink® Play system to the mains requires a UniLink® Play power supply unit 71321 and a UniLink® mains plug 71 180, which must be ordered separately.
For technical data, see Page 211.

	LED			A	B
85 200	3.6 W	140 lm		Ø 70	300

β = Half beam angle

BEGA UniLink® Play
Portable floodlights with earth spike for private use

Protection class IP 65
Cast aluminium · Earth spike made of glass fibre reinforced synthetic material
2 m connecting cable with BEGA UniLink® Play plug connector
Polymer lens made of BEGA NeoGlass®
Flat beam floodlights and RGBW floodlights: Reflector surface made of pure aluminium

Please note:
Connecting a BEGA UniLink® Play luminaire requires a power supply unit, which must be ordered separately. Multiple single luminaires can be operated with one power supply unit – provided the total output does not exceed the maximum output of the power supply unit.
If you want to control the BEGA UniLink® Play luminaires, they can be integrated in the BEGA Smart System with the BEGA Smart Link and controlled via app, remote control or automations. The RGBW floodlight can be individually smart controlled without BEGA Smart Link.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Please note:
Connecting individual BEGA UniLink® Play luminaires or a UniLink® Play system to the mains requires a UniLink® Play power supply unit 71321 and a UniLink® mains plug 71 180, which must be ordered separately.
For technical data, see Page 211.

works with
BEGA Smart

Portable floodlights						
Very wide beam	LED		β	A	B	C
85 186	2.3 W	200 lm	54°	50	65	50
85 001	7.0 W	560 lm	54°	50	65	50
85 187	3.6 W	390 lm	66°	70	85	70
85 002	13.0 W	1285 lm	66°	70	85	70
Flat beam						
85 188	3.6 W	305 lm	50°/74°	70	85	70
85 003	13.0 W	1285 lm	21°/60°	70	85	70

Portable **RGBW** floodlights						
Very wide beam	LED		β	A	B	C
85 000	10.2 W	510 lm	70°	70	85	70
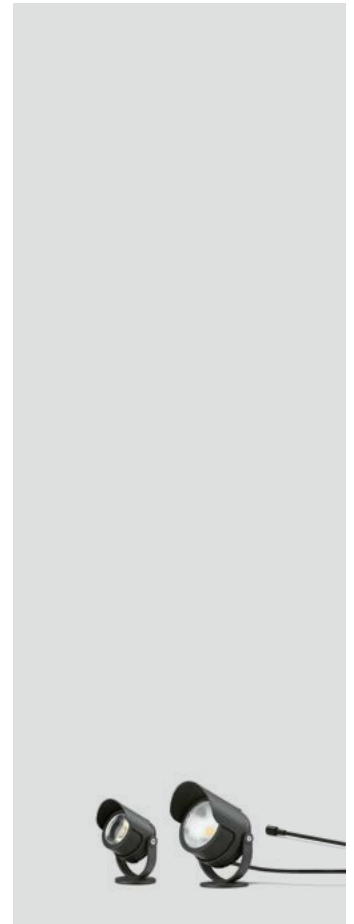
BEGA UniLink® Play
Portable floodlights with earth spike
For private use

Protection class IP 65
Cast aluminium · Standpipe made of anodised aluminium
2 m connecting cable with BEGA UniLink® Play plug connector
Polymer lens made of BEGA NeoGlass®

Please note:
Connecting a BEGA UniLink® Play luminaire requires a power supply unit, which must be ordered separately. Multiple single luminaires can be operated with one power supply unit – provided the total output does not exceed the maximum output of the power supply unit.
If you want to control the BEGA UniLink® Play luminaires, they can be integrated in the BEGA Smart System with the BEGA Smart Link and controlled via app, remote control or automations.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Please note:
Connecting individual BEGA UniLink® Play luminaires or a UniLink® Play system to the mains requires a UniLink® Play power supply unit 71321 and a UniLink® mains plug 71180, which must be ordered separately.
For technical data, see Page 211.

Portable earth spike with **1** floodlight						
	LED		β	A	B	C
85 191	2.3 W	200 lm	54°	50	405	110
85 106	7.0 W	560 lm	54°	50	405	110
85 192	3.6 W	390 lm	66°	70	405	150
85 107	13.0 W	1285 lm	66°	70	405	150

Portable earth spike with **2** floodlights						
	LED		β	A	B	C
85 189	4.6 W	400 lm	54°	50	405	110
85 104	14.0 W	1120 lm	54°	50	405	110
85 190	7.2 W	780 lm	66°	70	405	150
85 105	26.0 W	2570 lm	66°	70	405	150
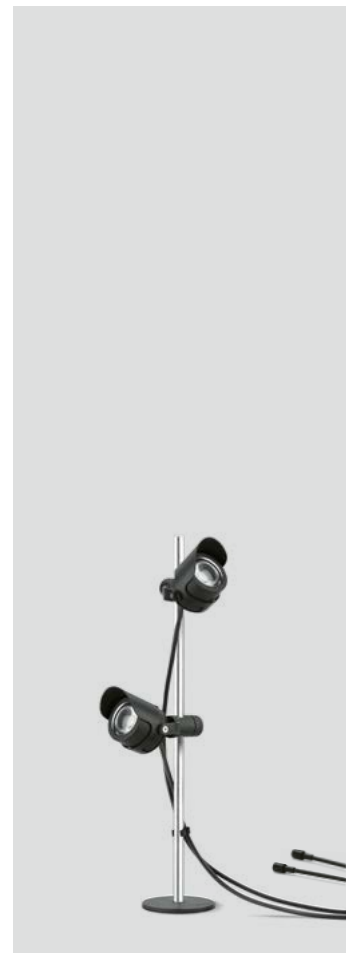
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Connecting pillars for the electrical power supply
For private sectors

BEGA connecting pillars with safety sockets are perfect for the private garden and offer connection options for luminaires and electrical devices.
They are available ready for connection with installation inserts.

Controllable connecting pillars enable smart control of your garden system via DALI or using the free BEGA Smart app. In this case, both luminaires and other devices with safety plug can be integrated into the system.

The installation must be carried out by a certified electrician. For the installation and operation of these devices, national safety regulations must be complied with.
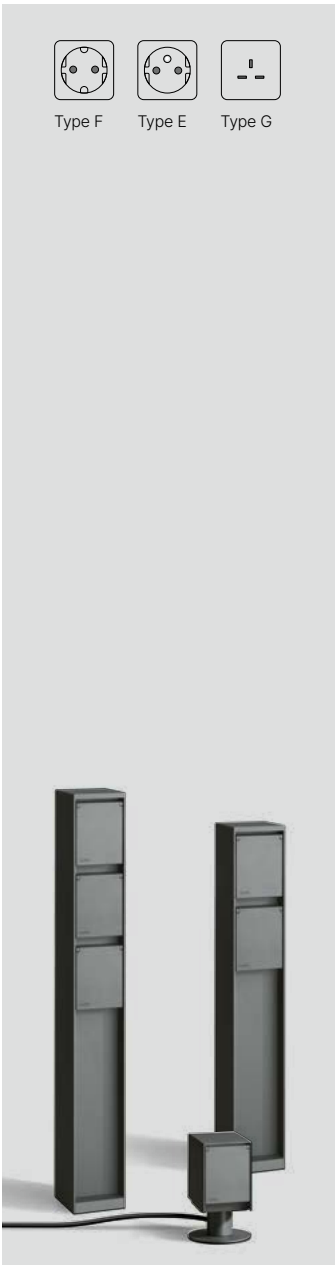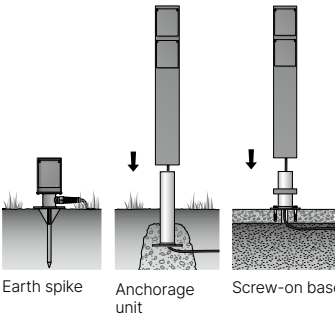
Earth spike

Anchorage unit

Screw-on base

Type F   Type E   Type G

Connecting pillars
for electrical supply **in the private sector**
• with two or three safety sockets
• optionally with type F, type E or type G safety sockets

We can supply the connecting pillars
• with earth spike
• with anchorage section
• with screw-on base

Type **F**: system common in Germany and Europe
Type **E**: system common in France and Belgium
Type **G**: system common in the UK ("Commonwealth plug")
You can find an overview of all type designations for sockets on Page 448.

Protection class IP 44 · Aluminium
Glass-fibre reinforced synthetic material · Line connector 3 × 2.5□
Portable connecting pillars: ready for connection with 5 m cable and mains plug

Housing colour · BEGA Unidure® · Graphite

If through-wiring to a further connecting pillar is required, we recommend using BEGA Distribution boxes. For more information about BEGA Distribution boxes, see Page 446.
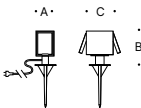
Connecting pillar with earth spike and **2** safety sockets · **Portable**

Type **E**	Type **G**	Type **F**		A	B	C
13 543	**13 577**	**10 713** with earth spike		75	160	125
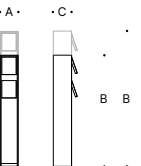
Connecting pillars with **2** safety sockets · **Permanent**

Type **E**	Type **G**	Type **F**		A	B	C
71 067	**71 156**	**70 704** with anchorage unit		75	505	75
71 068	**71 158**	**70 706** with screw-on base		75	520	75

Connecting pillars with **3** safety sockets · **Permanent**

Type **E**	Type **G**	Type **F**		A	B	C
71 069	**71 157**	**70 705** with anchorage unit		75	605	75
71 070	**71 159**	**70 709** with screw-on base		75	620	75
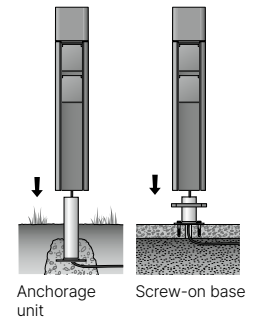
The BEGA Smart Socket connecting pillars can be operated with a smartphone and the ONE or PRO remote controls.

Anchorage unit

Screw-on base

Controllable connecting pillars
for electrical supply **in the private sector**
• with two or three safety sockets
• optionally with type F, type E or type G safety sockets

At close range, **Smart Socket connecting pillars** can be operated using a smartphone and the free BEGA Smart app. Our ONE and PRO remote controls can be used for convenient control at larger distances. Find out more at bega.com/smart

DALI controllable connecting pillars integrate into any DALI system and can therefore be configured and controlled via DALI.

We can supply the connecting pillars
• with anchorage section
• with screw-on base

Type **F**: system common in Germany and Europe
Type **E**: system common in France and Belgium
Type **G**: system common in the UK ("Commonwealth plug")
You can find an overview of all type designations for sockets on Page 448.

Protection class IP 44 · Aluminium · Glass-fibre reinforced synthetic material
BEGA Smart Socket: Line connector 3 × 2.5□ · Zigbee 3.0 and Bluetooth
DALI controllable connecting pillars: Line connectors 5 × 2.5□

Housing colour · BEGA Unidure® · Graphite

If through-wiring to a further connecting pillar is required, we recommend using BEGA Distribution boxes. For more information about BEGA Distribution boxes, see Page 446.
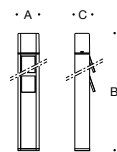
works with
BEGA Smart

Type F   Type E   Type G

BEGA Smart Socket connecting pillars with **2** safety sockets						
Type **E**	Type **G**	Type **F**		A	B	C
71 099	**71 132**	**71 095**	with anchorage unit	110	595	75
71 114	**71 141**	**71 097**	with screw-on base	110	610	75

BEGA Smart Socket connecting pillars with **3** safety sockets						
Type **E**	Type **G**	Type **F**		A	B	C
71 100	**71 133**	**71 096**	with anchorage unit	110	695	75
71 115	**71 142**	**71 098**	with screw-on base	110	710	75

DALI-controllable connecting pillars with **2** safety sockets						
Type **E**	Type **G**	Type **F**		A	B	C
71 170	**71 174**	**71 166**	with anchorage unit	110	595	75
71 172	**71 176**	**71 168**	with screw-on base	110	610	75

DALI-controllable connecting pillars with **3** safety sockets						
Type **E**	Type **G**	Type **F**		A	B	C
71 171	**71 175**	**71 167**	with anchorage unit	110	695	75
71 173	**71 177**	**71 169**	with screw-on base	110	710	75

Connecting pillars for public use

Connecting pillars for the electrical supply
in public and industrial areas

The connecting pillars on this double page are suitable for the connection of electrically operated devices as well as for power supply in public and commercial facilities.
We supply these connecting pillars ready for connection with or without installation inserts and the option of freely selecting the type and number of installation inserts for relevant requirements.
The installation must be carried out by a certified electrician. National safety regulations must be observed when installing and operating these devices.

Optimal installation convenience thanks to cable entry for up to 3 cables up to Ø16 mm, max. 6□

Connecting pillars
for the electrical supply **in public and commercial areas**

Connecting pillars **with installation inserts** are supplied ready for connection and fully wired.
Connecting pillars **without installation inserts** offer you the option of choosing the type and number of installation inserts for your particular requirements.
These connecting pillars are then supplied empty together with the inserts ordered.
Installation inserts for these connecting pillars can be found on this page.

Blind covers must be ordered separately.

The BEGA connecting pillars in this series are bolted with a mounting plate onto a foundation created on-site or onto an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately.
For more information about BEGA anchorage units, see Page 447.

Protection class IP 44 · Aluminium
All technical data can be found on our website in the product data sheet issued for the respective connecting pillar.

Housing colour · BEGA Unidure® · Graphite
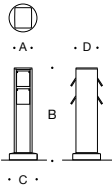
Connecting pillars **with installation inserts · IP 44**		A	B	C	D	Anchorage unit
71 253	with **2** safety sockets type F	105	550	165	130	**70 895**
71 254	with **1** safety socket type F + **1** switch	105	550	165	130	**70 895**
71 228	with **4** safety sockets type F	105	550	165	130	**70 895**
71 229	with **3** safety sockets type F + **1** switch	105	550	165	130	**70 895**

Connecting pillars **without** installation inserts and blind covers · **IP 44**		A	B	C	D	Anchorage unit
71 255	for max. **2 inserts**	105	550	165	130	**70 895**
71 230	for max. **4 inserts**	105	550	165	130	**70 895**

Type F   Type E   Type G   Type B   Type J
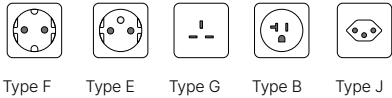
Installation inserts for connecting pillars 71 255 · 71 230

71 231	Socket type **F**	16A · 250V ∿
71 232	Socket type **E**	16A · 250V ∿
71 233	Socket type **G**	13A · 250V ∿
71 234	Socket type **B**	20A · 125V ∿
71 235	Socket type **J**	10A · 250V ∿
71 236	Two-way switch	10A · 250V ∿
71 237	Pushbutton NOC	10A · 250V ∿
71 238	Key-operated switch two-way	10A · 250V ∿
71 239	Key-operated switch pushbutton	10A · 250V ∿
70 180	Key cylinder for 71 239 · 71 239	
71 241	Key cylinder simultaneously locking for 71 238 · 71 239	
71 257	Blind cover	

Connecting pillars
for the electrical supply **in public and commercial areas**

• with CEE sockets
 • lockable **with** or **without installation inserts**

Connecting pillars **with installation inserts** are supplied ready for connection and fully wired.
Connecting pillars **without installation inserts** offer you the option of choosing the type and number of installation inserts
for your particular requirements.
These connecting pillars are then supplied empty together with the inserts ordered.
Installation inserts for these connecting pillars can be found on this page.

The BEGA connecting pillars in this series are bolted with a mounting plate onto a foundation created on-site or onto an
anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately.
For more information about BEGA anchorage units, see Page 447.

Protection class IP 44 · Aluminium
All technical data can be found on our website in the product data sheet issued for the respective connecting pillar.

Housing colour · BEGA Unidure® · Graphite

Connecting pillars **with** installation inserts · **IP 44**		A	B	C	D	Anchorage unit
71 258	**with** 4 CEE sockets · 16A · 250V ∿	105	550	165	180	**70 895**
70 384	**with** 2 CEE sockets and · 16A · 250V ∿	100	700	205	170	**70 895**
	2 CEE sockets · 16A · 400V ∿					
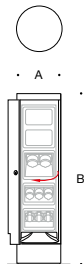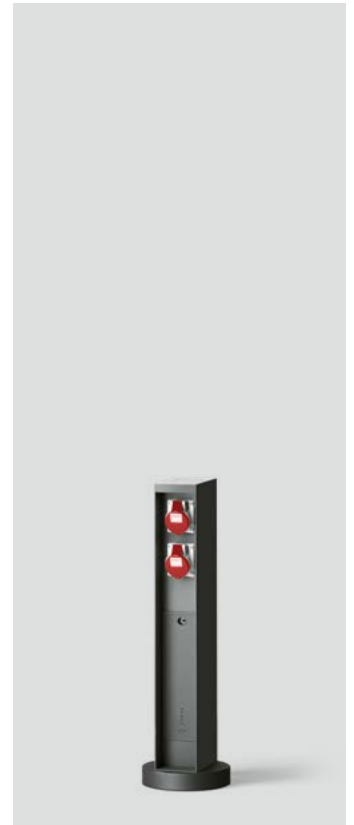
Connecting pillar **with** installation inserts **and** safety lock · **IP 44**		A	B	Anchorage unit
71 013	**with** 2 CEE sockets 16A · 400V ∿	Ø265	1035	**70 896**
	3 CEE sockets 16A · 250V ∿			
	3 safety sockets type F 16A · 250V ∿			
	1 residual current device 40A · 30mA			
	2 automatic cutouts C 16A 3-pole			
	6 automatic cutouts C 16A 1-pole			

Connecting pillar **without** installation inserts and **with** safety lock · **IP 44**		A	B	Anchorage unit
71 014	**w/o** Installation inserts with 2 fuse boxes	Ø265	1035	**70 896**

Installation inserts for connecting pillar 71 014

Connection compartment for max. 2 inserts
• CEE sockets   16A · 400V ∿ or
• CEE sockets   32A · 400V ∿

and for a maximum of 6 inserts
• CEE sockets   16A · 250V ∿ or
• Safety sockets type **F**   16A · 250V ∿

70 190	Safety socket type **F**	16A · 250V ∿
70 191	CEE socket	16A · 250V ∿
70 192	CEE socket	16A · 400V ∿
70 193	CEE socket	32A · 400V ∿

225

Intelligent charging units for electric vehicles

The main challenge for future mobility is the comprehensive expansion of charging points for electric vehicles without impairing the cityscape or commercial and private areas with space-consuming charging stations.

The BEGA charging units can be integrated into bollard tubes, light building elements and in luminaire poles or attached to existing luminaire poles at a later time. Solo charging units for floor or wall mounting are also available.

bega.com/e-mobility

Nationwide
Our charging units can be integrated into existing infrastructure to create a nationwide network for e-vehicles.

Future-proof
The design of our charging units incorporates decades of experience and know-how. Our charging units are robust and weather-proof.

Legally compliant
BEGA charging units combine precision and future viability: They are compliant with calibration regulations and also meet the requirements of the current Alternative Fuels Infra-structure Regulation (AFIR).

Compatible
The BEGA charging units are characterised by their compatibility with the established Open Charge Point Protocol (OCPP 1.6), a central communication standard for the backend systems of electric vehicle charging stations.

Charging unit for wall mounting

Page 228

Charging unit for installation on the ground

Page 229

System bollard tube with charging module insert*

Page 229

Charging point · Urban furniture for installation on the ground

Page 228

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* The figure shows a system bollard tube with charging module insert in combination with a bollard head to be ordered separately

Application in semi-public areas

BEGA charging units for electric vehicles integrated in luminaires are the solution for semi-public areas – for example a company car park. The existing infrastructure can be used to supply the vehicle fleet with enough charging stations. Straightforward user authorisation is accomplished using corresponding activation cards, for example.

Application in public areas

This is how to achieve fast and nationwide expansion of charging stations for electric vehicles in public areas:
The charging units can be integrated into previously existing light points, for instance on streets with parking bays. BEGA charging units can be connected with typical commercial systems using OCPP 1.6.
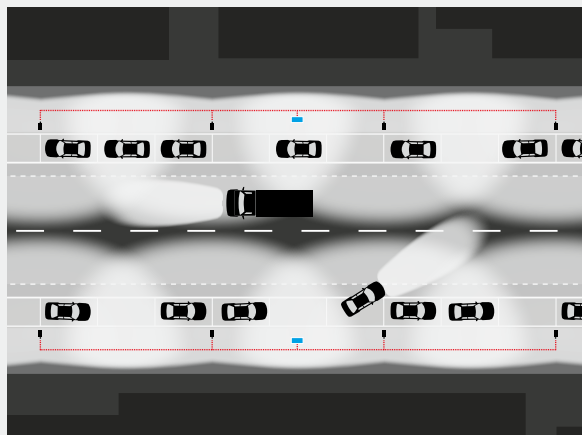
Charging unit for subsequent addition to luminaire poles

Luminaire pole with integrated charging unit

System light building element tube with integrated charging unit

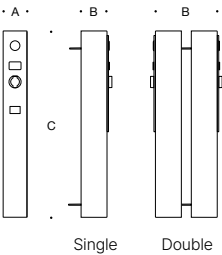**Charging unit**
for wall mounting

Protection class IP 54
Aluminium
For all e-vehicles with type 2 plug in accordance with IEC 62196 · Compliant with calibration regulations
2 m connecting cable · 5×6□

All technical data can be found in the product data sheet on our website.

Colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**
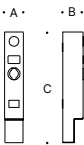
Charging point for **wall mounting**					
			A	B	C
85 050	max. charging output 22 kW		160	180	940

Charging point
for installation on the ground

Protection class IP 54
Aluminium · High-pressure laminate (HPL) in two decors
For all e-vehicles with type 2 plug in accordance with IEC 62196 · Compliant with calibration regulations

For a safe electrical connection of the charging unit, we recommend the separately available
connection box 71 306 with residual current automatic cutout and overvoltage protection.
For the double charging unit, two connection boxes must be ordered.
For more information about BEGA connection boxes, see Page 449.

All technical data can be found in the product data sheet on our website.

These BEGA charging points are equipped with an alignable mounting system. It can either be bolted onto
an existing foundation or a BEGA anchorage unit. Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour · BEGA Unidure® · Graphite

Surface decor
Polar Oak – article number + **PO**
Marshland Oak – article number + **MO**

Charging point for **installation on the ground · Single-sided**						Anchorage unit	Connection box
			A	B	C		
95 023	max. charging output 22 kW		270	1505	340	**70 897**	**71 306**

Charging point for **installation on the ground · Double-sided**						Anchorage unit	Connection box
			A	B	C		
95 020	max. charging output 2×22 kW		270	1505	415	**70 897**	**71 306**

Charging point
for installation on the ground

Protection class IP 54
Aluminium
For all e-vehicles with type 2 plug in accordance with IEC 62196 · Compliant with calibration regulations

For a safe electrical connection of the charging unit, we recommend the separately available
connection box 71306 with residual current automatic cutout and overvoltage protection.
For more information about BEGA connection boxes, see Page 449.

All technical data can be found in the product data sheet on our website.

These BEGA charging points are equipped with an alignable mounting system. It can either be bolted onto
an existing foundation or a BEGA anchorage unit. Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

Charging point for **installation on the ground**			Anchorage unit	Connection box
	A	B		
85 079 max. charging output 22 kW	265	1150	**70 896**	**71 306**

System bollard tube
with charging module insert*

Protection class IP 54
Aluminium
For all e-vehicles with type 2 plug in accordance with IEC 62196
Connection box 71084 for connecting the luminaire included.

85 029 for type 2 plug in accordance with IEC 62196
for compliance with calibration requirements in Germany.
For a safe electrical connection of the charging unit, we recommend the separately available
connection box 71 306 with residual current automatic cutout and overvoltage protection.

85 247 for type 2 plug in accordance with IEC 62196 with shutter sockets
For operation in France, Belgium, Italy, Switzerland, Austria and the UK
Please note: for operation it is necessary to use connection box 71306 with current automatic cutout
and overvoltage protection or an equivalent solution created on-site.

For more information about BEGA connection boxes, see Page 449.

All technical data can be found in the product data sheet on our website.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto
an existing foundation or a BEGA anchorage unit. Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Order a bollard head of your choice and add a matching bollard tube to the order.
The two modules are quickly and easily assembled during installation.
For more information about all suitable bollard heads, see Pages 172 to 179.

Colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
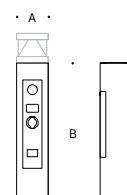
With integrated charging unit* · compliant with calibration regulations			Anchorage unit	Connection box
	A	B		
85 029 max. charging output 22 kW	265	1150	**70 896**	**71 306**

With integrated charging unit incl. shutter function*			Anchorage unit	Connection box
	A	B		
85 247 max. charging output 22 kW	265	1150	**70 896**	**71 306**

* The figure shows a system bollard tube with charging module insert in combination with a bollard head to be ordered separately

● New in the range

Charging units for subsequent addition
to luminaire poles Ø 115 – 135 mm

Protection class IP 54
Aluminium
For all e-vehicles with type 2 plug in accordance with IEC 62196 · Compliant with calibration regulations
Connection box 71084 for connecting the luminaire included.

For a safe electrical connection of the charging unit, we recommend the separately available
connection box 71306 with residual current automatic cutout and overvoltage protection.
For the double charging unit, two connection boxes must be ordered.
For more information about BEGA connection boxes, see Page 449.

All technical data can be found in the product data sheet on our website.

Colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

Single   Double

Charging unit for **installation on an existing pole**			A	B	C	Connection box
85 097	Single	max. charging output 22 kW	220	235	1420	**71 306**
85 115	Double	max. charging output 2×22 kW	220	550	1420	**71 306**

Luminaire pole with integrated charging unit

Protection class IP 54
Aluminium
max. charging output 22 kW
For all e-vehicles with type 2 plug in accordance with IEC 62196 · Compliant with calibration regulations

BEGA luminaire poles can be bolted onto a foundation created on-site,
or onto a BEGA anchorage unit. Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

For a safe electrical connection of the charging unit, we recommend the separately available
connection box 71306 with residual current automatic cutout and overvoltage protection.
For more information about BEGA connection boxes, see Page 449.

All technical data can be found in the product data sheet on our website.

Pole and housing colour · BEGA Unidure® · Graphite
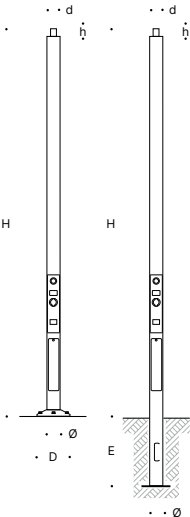
Charging unit integrated in a luminaire pole with **base plate**						Connection box	Anchorage unit
	H	d	h	Ø	D	kg		
85 046	5000	76	100	170	340	56.5	**71 306**	**70 899**

Charging unit integrated in a luminaire pole with **anchorage section**						Connection box
	H	d	h	Ø	E	kg	
85 047	5000	76	100	170	1000	60.0	**71 306**

H = Pole height, without anchorage section   **d = Pole top diameter**   h = Stepped pole top height
Ø = Pole base diameter   D = Diameter of base plate   E = Anchorage section   kg = Total weight

System light building element tubes with integrated charging unit

Protection class IP 54
Aluminium
For all e-vehicles with type 2 plug in accordance with IEC 62196 · Compliant with calibration regulations

Light building element tubes for our light building element heads on Pages 234 to 235.
These light building element tubes are optionally available with either a base plate or an anchorage section.

• **Light building element tubes with base plate** are bolted directly to an existing foundation on the building structure or to an anchorage unit made of hot-dip galvanised steel. For installation on a foundation created on-site, suitable installation material must also be provided. Anchorage units are accessories and must be ordered separately. For more information, see Page 447.

• **Light building element tubes with an anchorage section** are installed directly in the ground.

Light building element tubes with diameter of 220 mm are delivered including connection box 71084 for connecting the luminaire.
For a safe electrical connection of the charging unit, we recommend the separately available connection box 71 306 with residual current automatic cutout and overvoltage protection.
For the double charging unit, two connection boxes must be ordered.
For more information about BEGA connection boxes, see Page 449.

Simply order the light building element pipe along with the luminaire head of your choice.
Both modules can be connected quickly and easily during the installation.

Pole and housing colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**
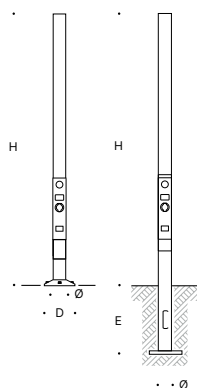
Light building element tube with charging unit **with base plate**		H	Ø	D	Connection box	Anch. unit
85 027 Single	max. charging output 22 kW	3900	170	340	71 306	70 899
85 028 Single	max. charging output 22 kW	4300	220	420	71 306	71 219
85 072 Double	max. charging output 2×22 kW	4300	220	420	71 306	71 219

Light building element tube with charging unit **with anchorage section**		H	Ø	E	Connection box
85 044 Single	max. charging output 22 kW	3900	170	1000	71 306
85 045 Single	max. charging output 22 kW	4300	220	1000	71 306
85 073 Double	max. charging output 2×22 kW	4300	220	1000	71 306

H = Pole height, without anchorage unit   Ø = Tube diameter
D = Base plate diameter   E = Anchorage section length

231

BEGA System light building elements · Overview

The BEGA System light building elements allow the combination of various light building element heads with light building element tubes of various materials and with integrated floodlights or charging units for electric vehicles.

To plan your lighting system, first select a light building element head with your desired light distribution. When choosing a light building element tube, you select the material, any additional functions and the design of the base.

For the light building element tubes, you can choose between tubes made of painted aluminium or laminated wood and aluminium.
Both versions are available with either an anchorage section or a base plate.

		Page 234 (DarkSky) Symmetrical			Page 234 Symmetrical/ Asymmetrical flat beam	Page 234 Unshielded	Page 235 (DarkSky) Symmetrical/ Asymmetrical flat beam			Page 235 Unshielded		
BEGA Light building element heads for system light building elements / Light distribution / **BEGA Light building element tubes** for system light building elements		Ø135	Ø170	Ø220	Ø135	Ø135	Ø135	Ø170	Ø220	Ø135	Ø170	Ø220
A	• without components • made of aluminium — Light building element tubes w/o any additional components form the basic tubes of the system light building elements. / • without components • made of laminated wood + aluminium — Light building element tubes made of aluminium and laminated wood in accordance with DIN EN 14080 set particular accents.	●	●	●	●	●	●	●	●	●	●	●
B	• with one integrated floodlight — Light building element tubes made of aluminium with a built-in floodlight with BEGA Hybrid Optics®. The floodlight has an adjustable inclination angle of ± 30°, can be rotated by 360° and adds an extra function to a system light building element so that it can illuminate architectural details, trees or signage.		●	●				●	●		●	●
C	• with two integrated floodlights — Light building element tubes made of aluminium with two built-in floodlights with BEGA Hybrid Optics®. Every floodlight has an adjustable inclination angle of ±30°, can be rotated through 360° and adds an additional function to a system light building element that enables it to illuminate architectural details, trees or information signs, for example.		●	●				●	●		●	●
D	• with charging units • Single or double — Aluminium light building element tubes with additional charging unit for electric vehicles.		●	●				●	●		●	●
				●				●				●

Light building element tubes with base plate are bolted directly to an existing foundation on the building structure or to an anchorage unit, made of hot-dip galvanised steel. For installation on a foundation created on-site, suitable installation material must also be created on-site. Anchorage units are accessories and must be ordered separately.
For more information, see Page 447.
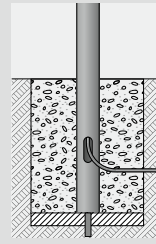
Light building element tubes with an anchorage section are installed directly in the ground.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.
The technical data for the connection boxes can be found on Page 449.

BEGA Light building element tubes for system light building elements

On this Page, you will find all light building element tubes for the system light building elements listed on Pages 234 to 235.
The short description on this Page offers a compact overview of the light building element tubes and their functions.
A detailed technical description can be found in the data sheets and instructions for use on our website. Our light building element tubes are optionally available with either a base plate or an anchorage section.

Simply order the luminaire head and your preferred light building element tube to go with it.
Both modules can be connected quickly and easily during the installation.

Light building element tubes with one or two floodlights
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Light building element tube · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
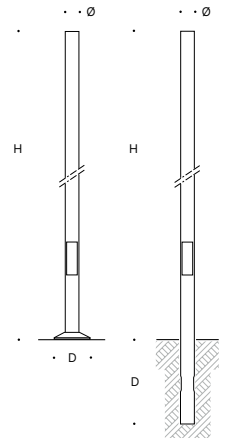
Ø135	A	Light building element tubes for system light building elements		H	D	Anch. unit
		84 709 with base plate	Aluminium · without components	3500	340	**70 899**
		84 708 with anch. unit	Aluminium · without components	3500	800	—
		84 711 with base plate	Laminated wood + aluminium · without components	3500	340	**70 899**
		84 710 with anch. unit	Laminated wood + aluminium · without components	3500	800	—

Accessories for floodlights

Ø170		Light building element tubes for system light building elements		H	D	Anch. unit	▢	◎
	A	**84 713** with base plate	Aluminium · without components	3900	340	**70 899**	—	—
		84 712 with anch. unit	Aluminium · without components	3900	800	—	—	—
		84 719 with base plate	Laminated wood + aluminium · without components	3900	340	**70 899**	—	—
		84 718 with anch. unit	Laminated wood + aluminium · without components	3900	800	—	—	—
	B	**84 715** with base plate	Aluminium · with one floodlight 13.8 W · 1565 lm · β = 22°	3900	340	**70 899**	**10 014**	**71 215**
		84 714 with anch. unit	Aluminium · with one floodlight 13.8 W · 1565 lm · β = 22°	3900	800	—	**10 014**	**71 215**
	C	**84 717** with base plate	Aluminium · with two floodlights 13.8 W each · 1565 lm · β = 22°	3900	340	**70 899**	**10 014**	**71 215**
		84 716 with anch. unit	Aluminium · with two floodlights 13.8 W each · 1565 lm · β = 22°	3900	800	—	**10 014**	**71 215**

Accessories for floodlights

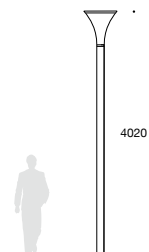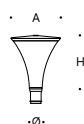| Ø220		Light building element tubes for system light building elements		H	D	Anch. unit	▢	◎
	A	**84 721** with base plate	Aluminium · without components	4300	420	**71 219**	—	—
		84 720 with anch. unit	Aluminium · without components	4300	1000	—	—	—
		84 731 with base plate	Laminated wood + aluminium · without components	4300	420	**71 219**	—	—
		84 730 with anch. unit	Laminated wood + aluminium · without components	4300	1000	—	—	—
	B	**84 723** with base plate	Aluminium · with one floodlight 23.0 W · 2585 lm · β = 18°	4300	420	**71 219**	**10 016**	**71 119**
		84 722 with anch. unit	Aluminium · with one floodlight 23.0 W · 2585 lm · β = 18°	4300	1000	—	**10 016**	**71 119**
	C	**84 725** with base plate	Aluminium · with two floodlights 23.0 W each · 2585 lm · β = 18°	4300	420	**71 219**	**10 016**	**71 119**
		84 724 with anch. unit	Aluminium · with two floodlights 23.0 W each · 2585 lm · β = 18°	4300	1000	—	**10 016**	**71 119**

Ø170	D	Light building element tubes for system light building elements with charging unit for electric vehicles		H	D	Anch. unit	Connection box for charging unit
		85 027 with base plate	Aluminium · with charging unit for electric vehicle · **one-sided** · max. 22 kW	3900	340	**70 899**	**71 306**
		85 044 with anch. unit	Aluminium · with charging unit for electric vehicle · **one-sided** · max. 22 kW	3900	1000	—	**71 306**

Ø220	D	Light building element tubes for system light building elements with charging unit for electric vehicles		H	D	Anch. unit	Connection box for charging unit
		85 028 w. base plate	Aluminium · with charging unit for electric vehicle · **one-sided** · max. 22 kW	4300	420	**71 219**	**71 306**
		85 045 w. anch. unit	Aluminium · with charging unit for electric vehicle · **one-sided** · max. 22 kW	4300	1000	—	**71 306**
		85 072 w. base plate	Aluminium with charging unit for electric vehicle · **double-sided** · max. 2 × 22 kW	4300	420	**71 219**	**71 306**
		85 073 w. anch. unit	Aluminium with charging unit for electric vehicle · **double-sided** · max. 2 × 22 kW	4300	1000	—	**71 306**

β = Half beam angle   ▢ Diffuser lens · Flat beam   ◎ Louvres
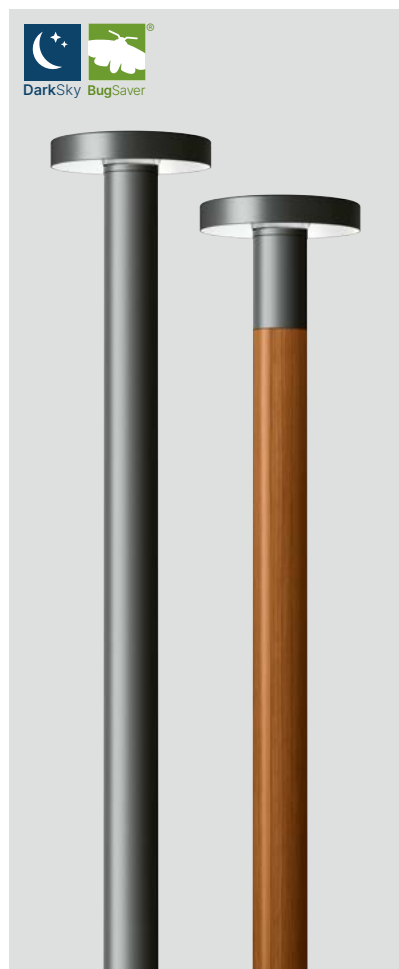
BEGA System light building elements
Symmetrical light distribution · Optionally with Zhaga interface

Protection class IP 65 · Cast aluminium · Clear synthetic cover
Reflector surface made of pure aluminium · DALI controllable power supply units · BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires.

Simply order the light building element head and additionally your preferred light building element tube.
The two modules can be quickly and easily connected to one another during installation.
For more information about all light building element tubes, see Page 233.

The luminaires 85 030 and 85 031 come equipped with one Zhaga interface as per Zhaga Book 18 Ed. 3.0.

System light building elements with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of 3000 K to light with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be particularly insect-friendly. The system is controlled via DALI DT8 – you can find suitable control devices on Page 433.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

3590   3980   4400
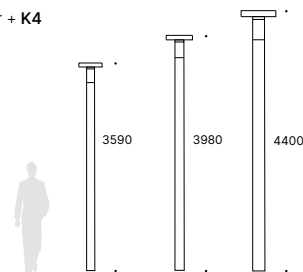
Light building element heads · **Symmetrical** light distribution					
	LED		Controllable	Ø	A	B
85 024	22.5 W	2575 lm	DALI	135	400	80
85 025	30.0 W	3450 lm	DALI	170	500	85
85 026	44.5 W	4935 lm	DALI	220	700	90

Light building element heads · **Symmetrical** light distribution · With **Zhaga interface**					
	LED		Controllable	Ø	A	B
85 030	32.2 W	3450 lm	Zhaga	170	500	85
85 031	44.0 W	4935 lm	Zhaga	220	700	90

Light building element heads · **Symmetrical** light distribution · With **BEGA BugSaver®** technology					
	LED		Controllable	Ø	A	B
85 074	22.5 W	2355 lm	DALI DT8, TW	170	500	85
85 075	31.9 W	3360 lm	DALI DT8, TW	220	700	90
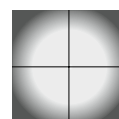
Symmetrical
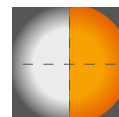
Symmetrical

BEGA System light building elements
Unshielded light · Symmetrical or asymmetrical flat beam light distribution

Protection class IP 65 · Safety class II
Cast aluminium · Translucent white or clear synthetic cover
84 735 · 84 736 reflector made of pure anodised aluminium
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

Simply order the light building element head and additionally your preferred light building element tube.
The two modules are quickly and easily assembled during installation.
For more information about all light building element tubes, see Page 233.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.
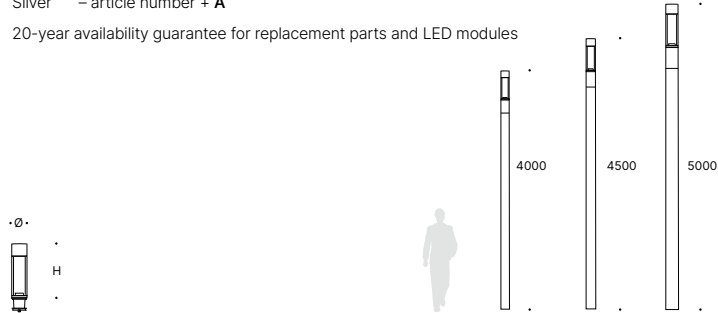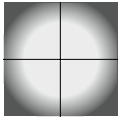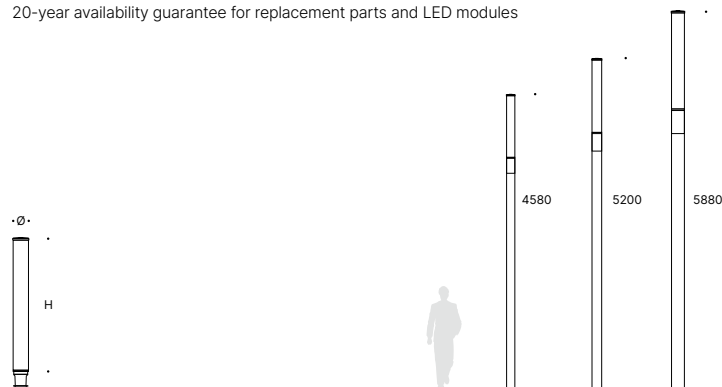Technical data for connection boxes can be found on Page 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

4020

Light building element heads · **Translucent white · Unshielded** light					
	LED		Controllable	Ø	A	H
84 737	25.8 W	2635 lm	DALI	135	510	550

Light building element heads · **Clear · Symmetrical** light distribution					
	LED		Controllable	Ø	A	H
84 735	25.8 W	2540 lm	DALI	135	510	550

Light building element heads · **Clear · Asymmetrical flat beam** light distribution					
	LED		Controllable	Ø	A	H
84 736	25.8 W	2510 lm	DALI	135	510	550
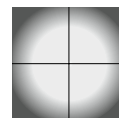
Symmetrical

Asymmetrical
flat beam

These luminaires are certified by Dark Sky International.

DarkSky

BEGA System light building elements
Symmetrical or asymmetrical flat beam light distribution

Protection class IP 65
Cast aluminium · Clear synthetic cylinder
Reflector made of pure anodised aluminium
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

Simply order the light building element head and additionally your preferred light building element tube. The two modules are quickly and easily assembled during installation. For more information about all light building element tubes, see Page 233.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433. Technical data for connection boxes can be found on Page 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Ø

H

4000   4500   5000

Symmetrical

Asymmetrical flat beam

Light building element heads · **Symmetrical** light distribution					
	LED		Controllable	Ø	H
84 814	22.5 W	2375 lm	DALI	135	495
84 816	33.0 W	3660 lm	DALI	170	600
84 817	52.0 W	6280 lm	DALI	220	700

Light building element heads · **Asymmetrical flat beam** light distribution					
	LED		Controllable	Ø	H
84 818	22.5 W	2295 lm	DALI	135	495
84 819	33.0 W	3635 lm	DALI	170	600
84 820	52.0 W	6215 lm	DALI	220	700

BEGA System light building elements
Unshielded light

Protection class IP 65
Cast aluminium · Translucent white synthetic cylinder
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

Simply order the light building element head and additionally your preferred light building element tube. The two modules are quickly and easily assembled during installation. For more information about all light building element tubes, see Page 233.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433. Technical data for connection boxes can be found on Page 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

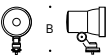20-year availability guarantee for replacement parts and LED modules

Ø

H

4580   5200   5880

Unshielded light

Light building element heads · **Unshielded** light					
	LED		Controllable	Ø	H
84 732	37.0 W	5515 lm	DALI	135	1070
84 733	49.0 W	7655 lm	DALI	170	1325
84 734	73.5 W	11 140 lm	DALI	220	1590

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

235
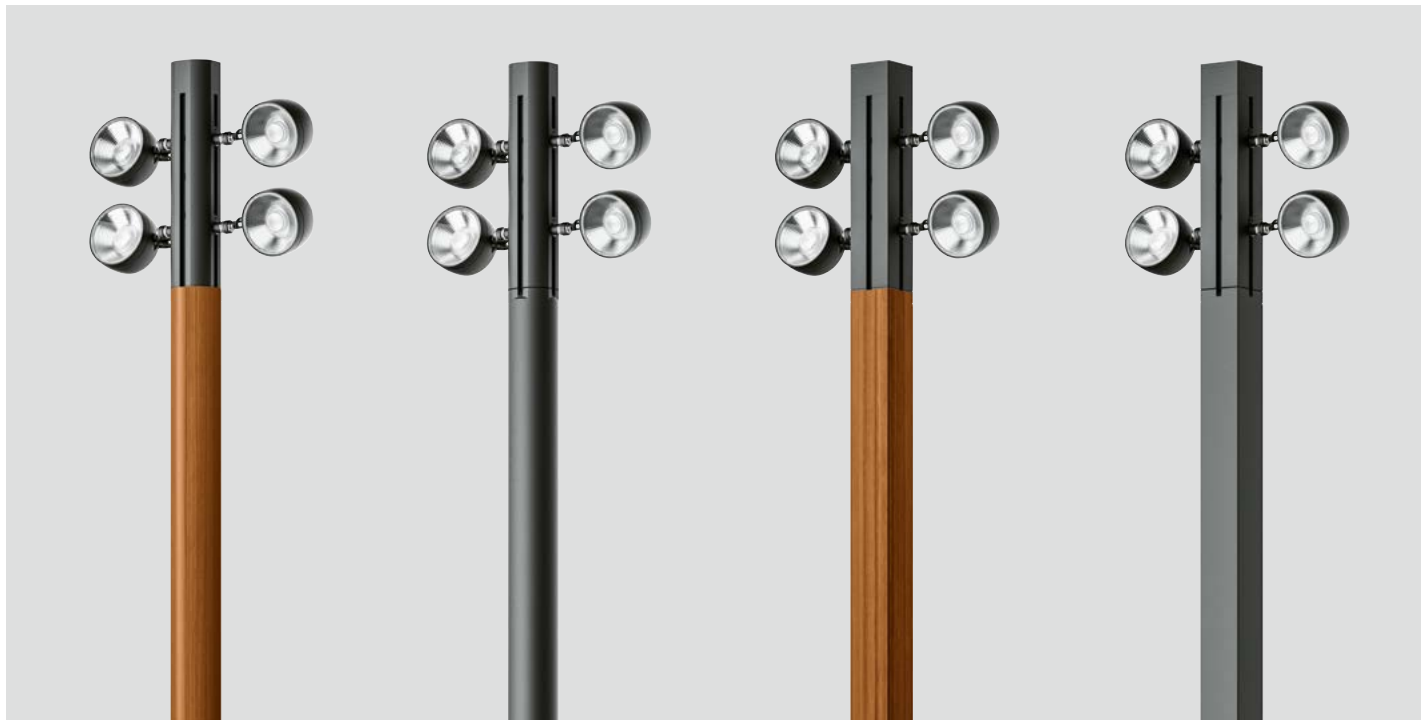
Profile poles
For installing up to eight BEGA floodlights

BEGA profile poles provide the perfect solution for a wide range of lighting applications with directed light from a single location.
Two floodlights fit into each profile groove on the pole. Up to eight floodlights with different outputs and half beam angles can therefore be arranged for the desired illumination.
The poles are available with either cylindrical or square cross-sections in heights of 4000 and 6000 millimetres.
The poles can either be installed by means of an anchorage unit or a screw-on base.
For more information about BEGA anchorage units and screw-on bases, see Pages 446 to 447.

We manufacture profile poles with laminated wood from finger-jointed pine slats. Their static characteristic values and strength classes meet the requirements of DIN EN 14080.
The use of high-quality aluminium at the base of the pole means the wood has no direct contact with the ground.
The BEGA Coating Technology® used on the aluminium parts also ensures maximum protection in this critical area.

Cylindrical profile poles
for installing up to eight BEGA floodlights

Optionally
• Profile pole made of lacquered aluminium
• Profile pole with laminated wood in accordance with DIN EN 14080
  Laminated wood made of finger-jointed pinewood slats

With a four-sided profile groove for mounting of up to eight floodlights
Connection box 71 084

Aluminium part colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

Cylindrical aluminium profile poles					Anch. unit	Screw-on base
	A	B	C	D		
84 702	Ø 135	600	4000	1140	**71 207**	**71 199**
84 703	Ø 135	600	6000	1140	**71 207**	**71 199**

Cylindrical profile poles with laminated wood					Anch. unit	Screw-on base
	A	B	C	D		
84 698	Ø 135	600	4000	1140	**71 207**	**71 199**
84 699	Ø 135	600	6000	1140	**71 207**	**71 199**

Square profile poles
for installing up to eight BEGA floodlights

Optionally
• Profile pole made of lacquered aluminium
• Profile pole with laminated wood in accordance with DIN EN 14080
  Laminated wood made of finger-jointed pinewood slats

With a four-sided profile groove for mounting of up to eight floodlights
Connection box 71 084

Aluminium part colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**
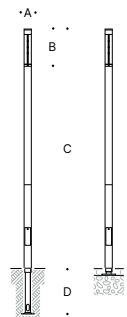
Square aluminium profile poles					Anch. unit	Screw-on base
	A	B	C	D		
84 700	120 × 120	600	4000	1140	**71 207**	**71 199**
84 701	120 × 120	600	6000	1140	**71 207**	**71 199**

Square profile poles with laminated wood					Anch. unit	Screw-on base
	A	B	C	D		
84 696	120 × 120	600	4000	1140	**71 207**	**71 199**
84 697	120 × 120	600	6000	1140	**71 207**	**71 199**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Floodlights for profile pole installation

Compact floodlights suitable for mounting on profile poles
Symmetrical wide beam and symmetrical very wide beam light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector surface made of pure aluminium
Optical lens made of BEGA NeoGlass® · BEGA Hybrid Optics®

BEGA Ultimate Driver® DALI controllable · BEGA Thermal Management®

Shields and diffuser lenses that alter the light distribution are available as accessories
for these floodlights. These can be used individually or in combination.
Please order accessories separately.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· A ·   · C ·
B

Symmetrical wide beam light distribution								Accessories		
	LED		Controllable	β	A	B	C			
85 120	26.8 W	2460 lm	DALI	24°	150	220	140	71 290	71 280	71 285
85 121	40.0 W	3830 lm	DALI	25°	180	245	155	71 291	71 281	71 286

Symmetrical very wide beam light distribution								Accessories		
	LED		Controllable	β	A	B	C			
85 122	26.8 W	2470 lm	DALI	45°	150	220	140	71 290	71 280	71 285
85 123	40.0 W	3835 lm	DALI	54°	180	245	155	71 291	71 281	71 286

Performance floodlights suitable for mounting on profile poles
Symmetrical wide beam and symmetrical very wide beam light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector surface made of pure aluminium
Optical silicone lens · BEGA Hybrid Optics®
DALI controllable power supply units · BEGA Thermal Management®

Diffuser lenses for changing the light distribution; shields and louvres are available as accessories
for the floodlights on this Page. These can be used individually or in combination.
Please order accessories separately.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

· A ·   · C ·
B

Symmetrical wide beam light distribution								Accessories		
	LED		Controllable	β	A	B	C			
84 662	19.0 W	1905 lm	DALI	18°	145	225	100	71 120	71 118	71 119
84 694	40.0 W	3825 lm	DALI	24°	175	255	100	71 113	71 111	71 112

Symmetrical very wide beam light distribution								Accessories		
	LED		Controllable	β	A	B	C			
84 663	19.0 W	1910 lm	DALI	46°	145	225	100	71 120	71 118	—
84 695	40.0 W	3855 lm	DALI	64°	175	255	100	71 113	71 111	—

β = Half beam angle   Diffuser lenses · Flat beam   Shield   Cylinder shield   Louvres

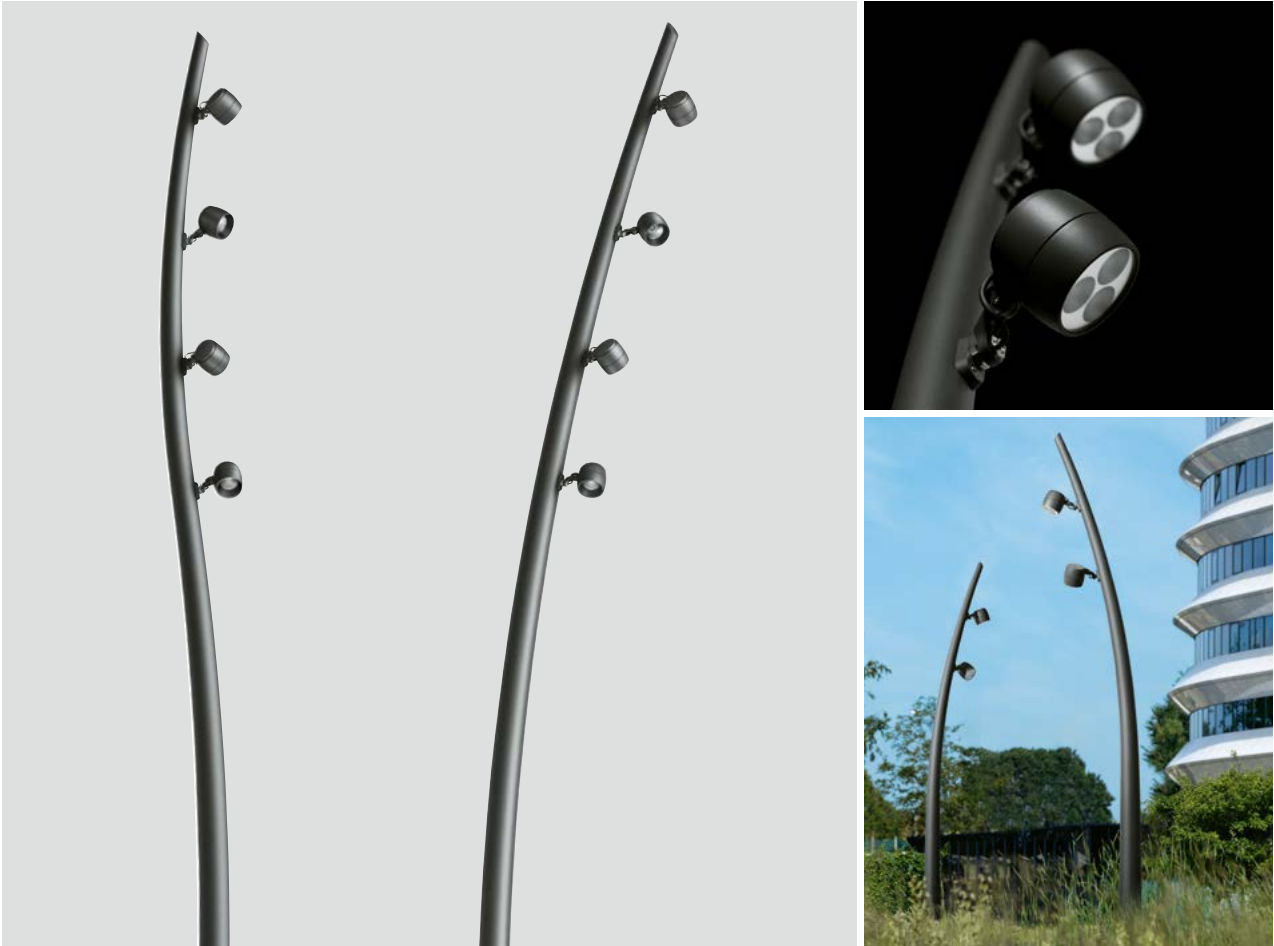**Gobo-Floodlights** suitable for installation on profile poles

Protection class IP 65
Cast aluminium · Safety glass
Projector lens with adjustable glass lenses.
Power supply unit DALI controllable
BEGA Thermal Management ®

The RGBW luminaires can be controlled via a DALI colour light control (DT 8, TC, RGBWAF, xy).
Matching DALI system components can be found on Pages 428 to 433.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
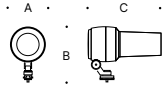
Gobo-Floodlights						
	LED	Controllable	β	A	B	C
84 983	24.0 W	DALI	10−14°	145	225	305
84 984	24.0 W	DALI	14−30°	145	225	305
84 985	43.5 W	DALI	14−18°	175	255	370
84 986	43.5 W	DALI	20−28°	175	255	370

RGBW-Gobo-Floodlights						
	LED	Controllable	β	A	B	C
84 987	18.0 W	DALI DT 8	10−14°	145	225	305
84 988	18.0 W	DALI DT 8	14−30°	145	225	305
84 989	39.0 W	DALI DT 8	14−18°	175	255	370
84 990	39.0 W	DALI DT 8	20−28°	175	255	370

β = Beam angle

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management ® are readily available in the instructions for use and data sheets on our website.

Poles in arch or S shape for the installation of BEGA floodlights with G½"

Poles in arch or S shape
for the installation of BEGA floodlights with G½" threaded connection · ISO 228

These poles provide the perfect solution for a wide range of lighting applications with directed light from a single location with up to four floodlights.

The poles are available in two arched shapes with a height of 6000 millimetres and are fixed into the ground using an integrated anchorage section.

The poles are compatible with BEGA floodlights with G½" connecting thread · ISO 228, which do not exceed a weight of 5 kg per floodlight.
The maximum permitted wind catching area is 0.06 m² per floodlight.
You can find more information about this data in the data sheets for the floodlights on our website.
Choose the pole colour and define the positions of the mounting points on your order form.

More technical information can be found on our website.

Compact floodlights

Ø 100 · 120 · 150 · 180
Page 115

Performance floodlights

Ø 95 · 115 · 145 · 175
Page 119

Ø175
Page 122

Gobo-Floodlights

Ø 145 · 175
Page 124

The technical data for the matching flood-lights with G½" connecting thread can be found on the indicated Pages.

240

Poles in arched shape with anchorage unit
for the mounting of up to four BEGA floodlights with G½" connecting thread · ISO 228

Steel poles lacquered

Up to four predefined installation points can be selected per pole.
Installation points are located in a vertical line on the concave side, whereby in each of the possible levels (at most 4) only one mounting point is available for a floodlight.

Compatible BEGA floodlights with G½" connecting thread up to a weight of 5 kg with a max. wind catching area of 0.06 m² per floodlight can be found on Pages 115, 119, 122 and 124.

Delivery including connection box 71084

Luminaire colour · BEGA Unidure® · Graphite
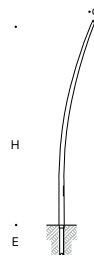
		Ø	d	H	E	kg
71 352	1 assembly point	160	Ø80	6000	1000	90
71 354	2 assembly points	160	Ø80	6000	1000	90
71 356	3 assembly points	160	Ø80	6000	1000	90
71 358	4 assembly points	160	Ø80	6000	1000	90

Poles in S shape with anchorage unit
for the mounting of up to four BEGA floodlights with G½" connecting thread · ISO 228

Steel poles lacquered

Up to four predefined installation points can be selected per pole.
Installation points are located in a horizontal line at 30° intervals, whereby in each of the possible levels (at most 4) only one mounting point is available for a floodlight.

Compatible BEGA floodlights with G½" connecting thread up to a weight of 5 kg with a max. wind catching area of 0.06 m² per floodlight can be found on Pages 115, 119, 122 and 124.

Delivery including connection box 71084

Luminaire colour · BEGA Unidure® · Graphite
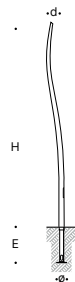
		Ø	d	H	E	kg
71 353	1 assembly point	160	Ø80	6000	1000	90
71 355	2 assembly points	160	Ø80	6000	1000	90
71 357	3 assembly points	160	Ø80	6000	1000	90
71 359	4 assembly points	160	Ø80	6000	1000	90

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Light building Elements
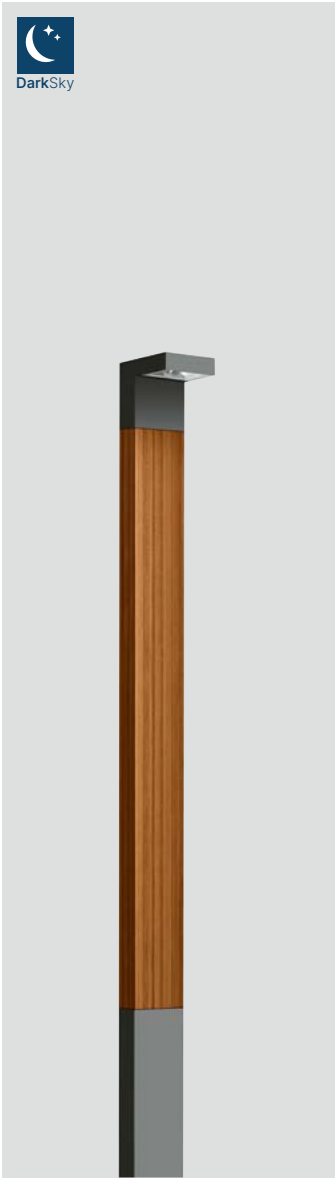
Light building elements with laminated wood
Asymmetrical and asymmetrical flat beam light distribution

Protection class IP 65 · Cast aluminium and aluminium
Laminated wood in accordance with DIN EN 14080
Safety glass · Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
Connection box 70629
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.
Technical data for connection boxes can be found on Page 449.

BEGA Light building elements from this series are secured in the ground by means of an
anchorage unit or bolted onto an on-site foundation by means of a screw-on base.
Please order anchorage units and screw-on bases separately as accessories.
For more information about BEGA anchorage units and screw-on bases, see Pages 446 to 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical

Asymmetrical
flat beam

Asymmetrical light distribution · One-sided							Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 468	20.2 W	2520 lm	DALI	285 × 240	255	3500	800	71 140	70 833

Asymmetrical light distribution · Two-sided							Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 469	38.3 W	5055 lm	DALI	460 × 240	255	3500	800	71 140	70 833

Asymmetrical flat beam light distribution · One-sided							Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 470	18.5 W	1895 lm	DALI	285 × 240	255	3500	800	71 140	70 833

Asymmetrical flat beam light distribution · Two-sided							Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 471	36.0 W	3795 lm	DALI	460 × 240	255	3500	800	71 140	70 833

Light building elements
Asymmetrical and asymmetrical flat beam light distribution

Protection class IP 65 · Cast aluminium and aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
Luminaires with BugSaver® technology: DALI DT8 TW controllable
Connection box 71 084
These luminaires emit less than 1 % of the light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.
Technical data for connection boxes can be found on Page 449.

BEGA Light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto an on-site foundation by means of a screw-on base.
Please order anchorage units and screw-on bases separately as accessories.
For more information about BEGA anchorage units and screw-on bases, see Pages 446 to 447.

Luminaires with BEGA BugSaver® technology can be switched from warm white light with
a colour temperature of 3000 K to light with highly reduced blue light portion to protect
nocturnal insects. This phosphor-converted amber has a colour temperature of around 1800 K
and is considered to be particularly insect-friendly. Our control devices can be used to achieve
additional power reduction, see Page 433.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical

Asymmetrical
flat beam

70 833

Asymmetrical light distribution · One-sided
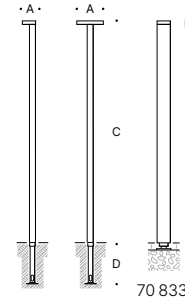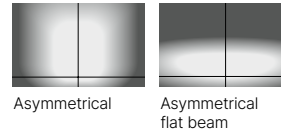
	LED		Controllable	A	B	C	D	Anchorage unit	Screw-on base
84 274	20.2 W	2510 lm	DALI	285 × 240	65	3500	800	71 140	70 833
84 240	20.2 W	2510 lm	DALI	315 × 240	105	4500	800	71 140	70 833

Asymmetrical light distribution · Double

	LED		Controllable	A	B	C	D	Anchorage unit	Screw-on base
84 276	38.3 W	5030 lm	DALI	460 × 240	65	3500	800	71 140	70 833
84 241	40.4 W	5030 lm	DALI	520 × 240	105	4500	800	71 140	70 833

Asymmetrical flat beam light distribution · One-sided

	LED		Controllable	A	B	C	D	Anchorage unit	Screw-on base
84 273	18.5 W	1875 lm	DALI	285 × 240	65	3500	800	71 140	70 833
99 072	18.5 W	1875 lm	DALI	315 × 240	105	4500	800	71 140	70 833

Asymmetrical flat beam light distribution · Two-sided

	LED		Controllable	A	B	C	D	Anchorage unit	Screw-on base
84 275	36.0 W	3760 lm	DALI	460 × 240	65	3500	800	71 140	70 833
99 076	37.0 W	3760 lm	DALI	520 × 240	105	4500	800	71 140	70 833

BugSaver

Asymmetrical light distribution · One-sided · BEGA BugSaver®

	LED		Controllable	A	B	C	D	Anchorage unit	Screw-on base
85 076	20.0 W	2080 lm	DALI DT8, TW	285 × 240	65	3500	800	71 140	70 833

Asymmetrical flat beam light distribution · One-sided · BEGA BugSaver®

	LED		Controllable	A	B	C	D	Anchorage unit	Screw-on base
85 077	19.8 W	1775 lm	DALI DT8, TW	285 × 240	65	3500	800	71 140	70 833

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

DarkSky

Light building elements
Asymmetrical light distribution

Protection class IP 65
Cast aluminium and aluminium
Safety glass · Reflector surface made of pure aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®
Connection terminals 5 × 4□
These luminaires emit less than 1% of the light into the upper half-space of the luminaires
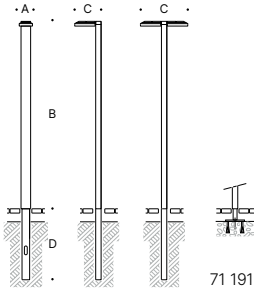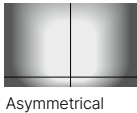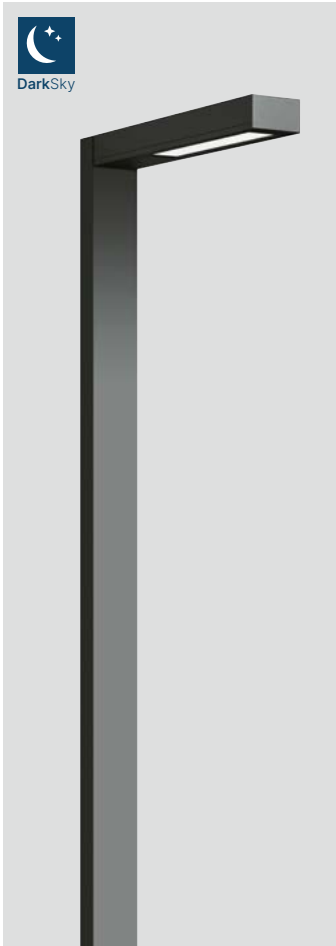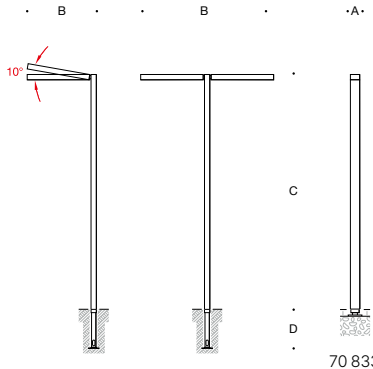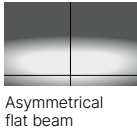
Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

BEGA Light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto an on-site foundation by means of a screw-on base.
Please order anchorage units and screw-on bases separately as accessories.
For more information about BEGA anchorage units and screw-on bases, see Pages 446 to 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical

71 191

Light building elements · **Asymmetrical** light distribution · **One-sided**							Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 477	26.6 W	2820 lm	DALI	140	3000	280	800	**71 192**	**71 191**

Light building elements · **Asymmetrical** light distribution · **Two-sided**							Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 478	53.2 W	5500 lm	DALI	140	3000	500	800	**71 192**	**71 191**

DarkSky

Light building elements
Asymmetrical flat beam light distribution

Protection class IP 65
Cast aluminium and aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®
Attack angle adjustable to 0° or 10°
Connection box 70 629
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433. Technical data for connection boxes can be found on Page 449.

BEGA Light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto an on-site foundation by means of a screw-on base.
Please order anchorage units and screw-on bases separately as accessories.
For more information about BEGA anchorage units and screw-on bases, see Pages 446 to 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**
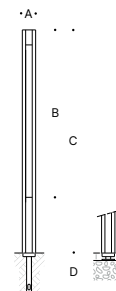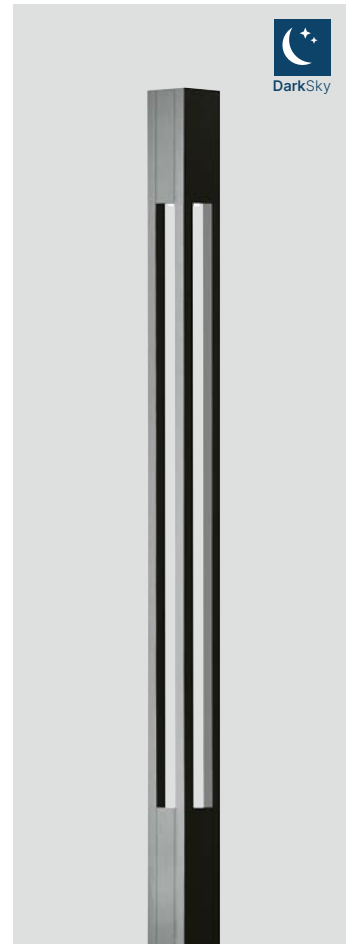
Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical flat beam

10°

70 833

Asymmetrical flat beam light distribution · **One-sided**							Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
88 977	21.5 W	2615 lm	DALI	95 × 155	1100	4600	800	**71 140**	**70 833**
84 126	43.1 W	5070 lm	DALI	95 × 155	1100	4600	800	**71 140**	**70 833**

Asymmetrical flat beam light distribution · **Two-sided**							Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
88 978	43.0 W	5230 lm	DALI	95 × 155	2075	4600	800	**71 140**	**70 833**
84 127	86.2 W	10140 lm	DALI	95 × 155	2075	4600	800	**71 140**	**70 833**

Light building elements
Directed light · Symmetrical light distribution

Protection class IP 65
Cast aluminium and aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

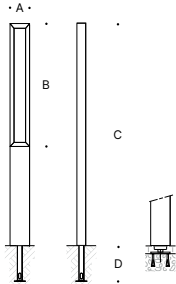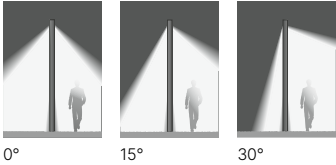Delivery including anchorage section and connection box 71084

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.
Technical data for connection boxes can be found on Page 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical

DarkSky
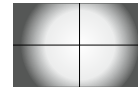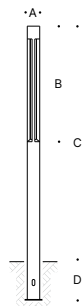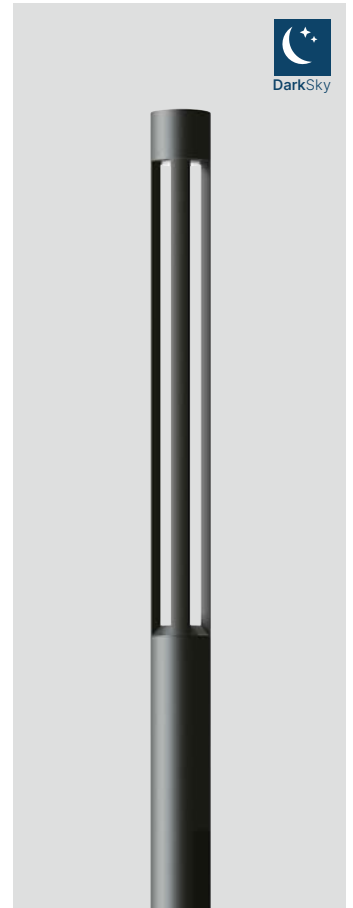
Symmetrical light distribution

	LED		Controllable	A	B	C	D	
84 064	43.5 W	2350 lm	DALI	Ø 220	2300	4500	800	

Light building elements
Directed light · Symmetrical light distribution

Protection class IP 65 · Safety class II
Cast aluminium and aluminium · Crystal glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

84 754 Connection box 71084
84 065 Connection box 70 632

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.
Technical data for connection boxes can be found on Page 449.

BEGA Light building elements from this series are secured in the ground by means of an
anchorage unit or bolted onto an on-site foundation by means of a screw-on base.
Please order anchorage units and screw-on bases separately as accessories.
For more information about BEGA anchorage units and screw-on bases, see Pages 446 to 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**
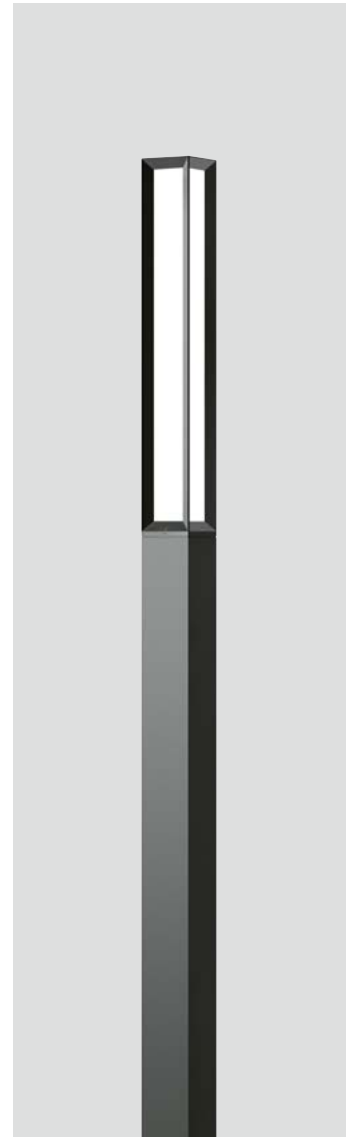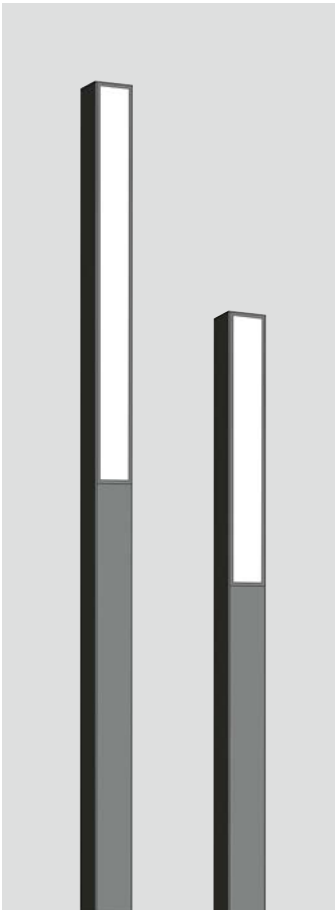
Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical

DarkSky

Symmetrical light distribution								Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 754	22.2 W	1455 lm	DALI	160 × 160	2800	3500	715	71 242	71 243
84 065	43.5 W	2640 lm	DALI	220 × 220	3600	4500	800	71 137	70 829

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.
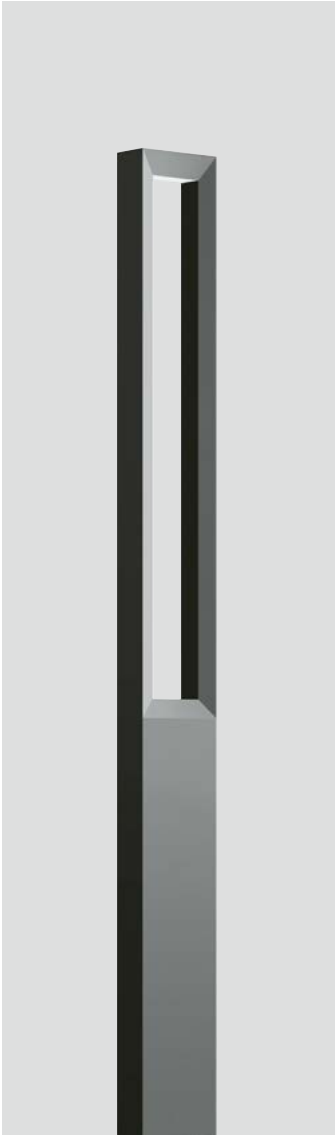
Light building elements
Adjustable light distribution

Protection class IP 65 · 84 221 safety class II
Cast aluminium and aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

Adjustable light distribution 0° · 15° · 30°
84 221 Connection box 71 084
99 075 Connection box 70 629

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.
Technical data for connection boxes can be found on Page 449.

BEGA Light building elements from this series are secured in the ground by means of an
anchorage unit or bolted onto an on-site foundation by means of a screw-on base.
Please order anchorage units and screw-on bases separately as accessories.
For more information about BEGA anchorage units and screw-on bases, see Pages 446 to 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

0°	15°	30°

Adjustable light distribution							Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 221	31.5 W	2720 lm	DALI	270 × 140	1850	3500	800	**71 140**	70 833
99 075	40.0 W	3765 lm	DALI	400 × 180	2500	4500	1000	**71 139**	70 844

Light building elements
Unshielded light

Protection class IP 65
Cast aluminium and aluminium · Translucent white synthetic cover
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

Connection box 71 084

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.
Technical data for connection boxes can be found on Page 449.

BEGA Light building elements from this series are secured in the ground by means of an
anchorage unit or bolted onto a foundation, created on site, by means of a screw-on base.
Please order anchorage units and screw-on bases separately as accessories.
For more information about BEGA anchorage units and screw-on bases, see Pages 446 to 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

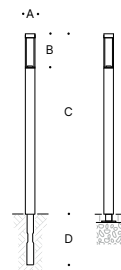20-year availability guarantee for replacement parts and LED modules
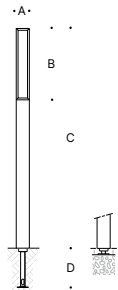
Unshielded light								Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 875	51.0 W	5850 lm	DALI	160 × 160	1220	4000	800	**71 136**	**70 819**
84 876	60.7 W	6995 lm	DALI	220 × 220	1350	5000	800	**71 137**	**70 829**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Light building Elements

Light building elements
Unshielded light, light emission one or two-sided

Protection class IP 65 · Safety class II
Cast aluminium and aluminium · Safety glass
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®
Door and connection terminals 5 × 4▫

BEGA Light building elements from this series are secured in the ground by means of an
anchorage unit or bolted onto an on-site foundation by means of a screw-on base.
Please order anchorage units and screw-on bases separately as accessories.
For more information about BEGA anchorage units and screw-on bases, see Pages 446 to 447.
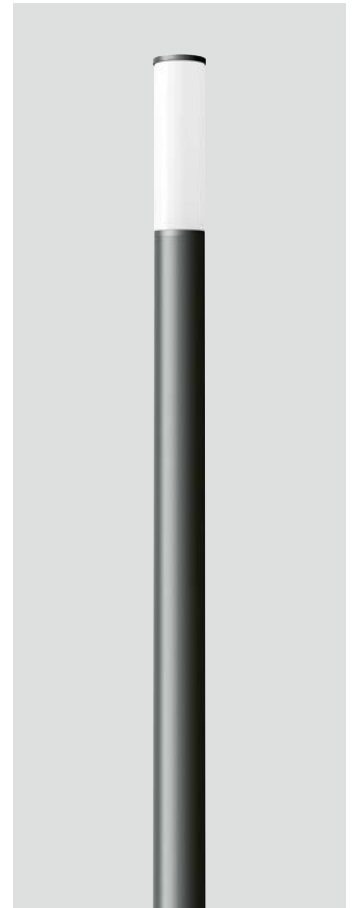
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

One-sided   Two-sided
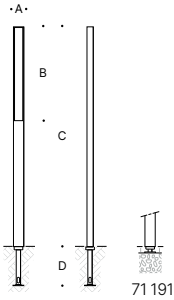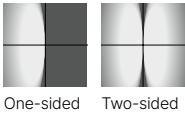
One-sided light emission								Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 573	17.4 W	1145 lm	DALI	125 × 90	1000	2500	800	**71 192**	**71 191**
84 563	25.0 W	1650 lm	DALI	125 × 90	1500	3500	800	**71 192**	**71 191**

Two-sided light emission								Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 574	35.7 W	2290 lm	DALI	125 × 90	1000	2500	800	**71 192**	**71 191**
84 577	51.2 W	3300 lm	DALI	125 × 90	1500	3500	800	**71 192**	**71 191**
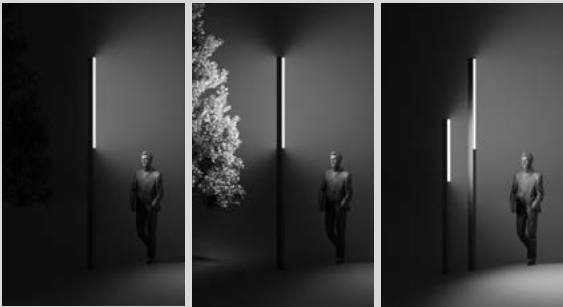
One-sided light emission   Two-sided light emission   Height 2500 mm · 3500 mm

The Light building elements with a height of
2500 millimetres are designed specifically
for smaller urban spaces. They create a
third "light plane" between bollards and light
building elements with a height of 4000 to
5500 millimetres. Here, they are more eye-
catching, as they come closer to the human
field of vision.

Light building element
Unshielded light

Protection class IP 65
Cast aluminium and aluminium · Translucent white synthetic cylinder
DALI controllable power supply units
BEGA Thermal Management®
Connection terminals 5 × 4□

BEGA Light building elements from this series are secured in the ground by means of an
anchorage unit or bolted onto an on-site foundation by means of a screw-on base.
Please order anchorage units and screw-on bases separately as accessories.
For more information about BEGA anchorage units and screw-on bases, see Pages 446 to 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Synthetic cylinder, **translucent white · Unshielded** light							Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 894	17.3 W	2390 lm	DALI	135	470	2500	800	**71 242**	**71 243**

Light building elements
Symmetrical or asymmetrical flat beam light distribution

Protection class IP 65
Cast aluminium and aluminium · Synthetic cylinder, clear · Reflector made of pure anodised aluminium
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
Connection terminals 5 × 4□
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

BEGA Light building elements from this series are secured in the ground by means of an anchorage unit
or bolted onto an on-site foundation by means of a screw-on base.
Please order anchorage units and screw-on bases separately as accessories.
For more information about BEGA anchorage units and screw-on bases, see Pages 446 to 447.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical

Asymmetrical
flat beam
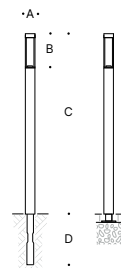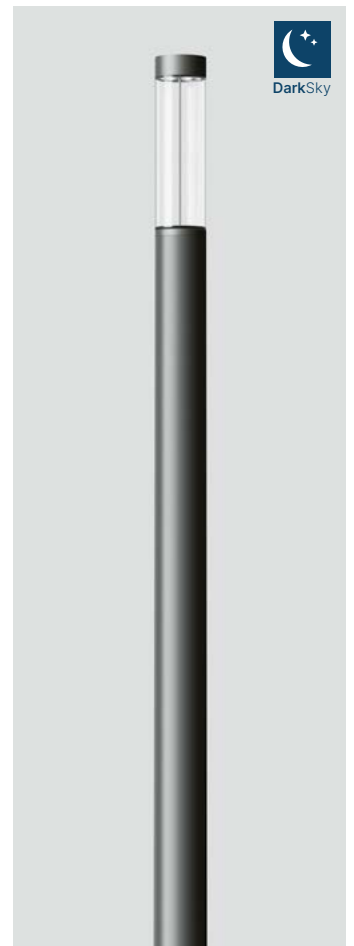
Synthetic cylinder, **clear · Symmetrical** light distribution							Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 747	22.5 W	2375 lm	DALI	135	470	2500	800	**71 242**	**71 243**

Synthetic cylinder, **clear · Asymmetrical flat beam** light distribution							Anchorage unit	Screw-on base
	LED		Controllable	A	B	C	D		
84 748	22.5 W	2295 lm	DALI	135	470	2500	800	**71 242**	**71 243**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

BEGA pole-top luminaires · Overview

Pole-top luminaires offer a range of four different basic light distributions. Unshielded luminaires are characterised by uniformly soft light distribution. Luminaires with a symmetrical light distribution illuminate a rotationally symmetrical cone around the luminaire. Asymmetrical light covers a larger area in front of the luminaire and extends deeper into the space. Luminaires with asymmetrical flat beam light distribution, which project a flat, elongated oval in front of the luminaire, are particularly suited for illumination of streets in accordance with DIN 13201.

Outrigger luminaires shift the light point of the luminaire by the length of the outrigger arm – side-mounted pole-top luminaires are used for installation on existing outrigger arms.

Some of our pole-top luminaires offer Zhaga interfaces (Book 18 Ed 3.0): for motion and light sensors as well as for communication interfaces. You will find suitable components on Page 448.

Page	252	252	253	254	254
	3500–5000 mm	1700–4000 mm	4000–6000 mm	4000–6000 mm	3500–7000 mm
	3130–3770 lm	1215–6910 lm	2735–2870 lm	1790–2875 lm	3635–6460 lm

Page	255	256	257	258	258
	4000–6000 mm	3500–6000 mm	4000–6000 mm	4000–9000 mm	4000–6000 mm
	1620–2680 lm	1505–2705 lm	2825–3600 lm	2415–9065 lm	2210–2605 lm

Page	259	260	261	262	263
	4000–6000 mm	3500–6000 mm	3500–6000 mm	4000–6000 mm	4000–6000 mm
	2415–3430 lm	2155–2945 lm	2705–2775 lm	2450–3555 lm	1940–6750 lm

Page	264	264	265	265
	2500–3000 mm	4000–8000 mm	4000–6000 mm	3500–8000 mm
	2055–5850 lm	2320–25520 lm	2295–7060 lm	1895–4785 lm

Light distribution   Unshielded   Symmetrical   Asymmetrical   Asymmetrical flat beam   Asymmetrical Pedestrian crossing

Luminaire poles

On the pages of the pole-top luminaires, we indicate the pole heights for which each luminaire is suitable. The connecting cables of the luminaires must be measured accordingly for these pole heights. The right composition between luminaire pole and pole-top luminaire depends on the matching top diameter and your personal taste – we recommend a harmonious design combination on the relevant luminaire pages. We supply poles in the same colour as the ordered luminaires.

Additional technical information, particularly structural specifications, can be found in the product data sheets on our website.

Matching light poles can be found on Pages 296 to 307.

Page	266–267	267
	BugSaver® DarkSky · ZZ	DarkSky
	4000–9000 mm	4000–9000 mm
	2345–21030 lm	2345–9420 lm

Page	268–269	269	269
	BugSaver® DarkSky · ZZ	DarkSky	DarkSky
	3500–10000 mm	3500–9000 mm	5000–10000 mm
	1800–29730 lm	1800–7770 lm	4750–19770 lm

Page	292	293	293
The Collection BOOM	DarkSky · ZZ		
	3500–5000 mm	3500–5000 mm	3500–5000 mm
	3545 · 3590 lm	4350 · 4470 lm	4580 · 4740 lm

Page	294	294	295	295
The Collection BOOM				
	2000–3000 mm	2000–3500 mm	2000 · 3500 mm	2000–3500 mm
	460–1005 lm	475–805 lm	610 · 930 lm	355–980 lm

Symmetrical BugSaver®

Asymmetrical BugSaver®

Asymmetrical flat beam BugSaver®

More information: Page 16 bega.com/bugsaver

More information: Page 16 bega.com/darksky

Available with Zhaga Book 18 Ed 3.0 interface

Pole-top luminaires
Adjustable light distribution

Protection class IP 65
Cast aluminium and aluminium
Safety glass · Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
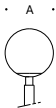
DALI system components and power reduction accessories for luminaires with a DALI interface
can be found on Pages 428 to 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design
and statics of the pole-top luminaires in this series. The complete overview and technical data for all
BEGA luminaire poles can be found on Pages 296 to 307.

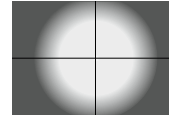You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Silver

20-year availability guarantee for replacement parts and LED modules

Symmetrical

Asymmetrical
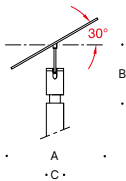
Adjustable light distribution							Luminaire poles		
	LED		Controllable	A	B	C	For pole heights	Top	Groups
77 208	39.7 W	3130 lm	DALI	800	500	145	3500–4000	Ø76	32 · 12
77 210	46.7 W	3670 lm	DALI	985	575	170	4000–5000	Ø76	32*· 12*

* For static reasons, only the poles 70 731, 70 734, 70 737 and 70 748 can be used for these luminaires.

Pole-top luminaires
Unshielded light

Protection class IP 65 · 99 282 Protection class IP 44
Cast aluminium and aluminium · Synthetic sphere, white
Luminaires with LED module: BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design
and statics of the pole-top luminaires in this series. The complete overview and technical data for all
BEGA luminaire poles can be found on Pages 296 to 307.

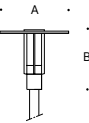You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Unshielded light

Unshielded light					Luminaire poles		
	LED		Controllable	A	For pole heights	Top	Groups
84 092	14.0 W	1900 lm	DALI	Ø350	2000	Ø60	32 · 12
84 093	31.0 W	4315 lm	DALI	Ø450	3000	Ø60	32 · 12
84 094	53.0 W	6810 lm	DALI	Ø550	4000	Ø76	32 · 12 · 16
	LED lamp included		Socket				
99 282	1 × 12 W	1215 lm	E 27	Ø300	1700	Ø48	31 · 11
84 416	1 × 12 W	1300 lm	E 27	Ø350	2000	Ø60	32 · 12

Pole-top luminaire
Symmetrical light distribution

Protection class IP 65
Cast aluminium · Synthetic cover with white light-diffusing matt finish
DALI controllable power supply units · BEGA Thermal Management ®

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

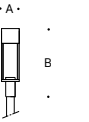You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure ®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical

Symmetrical light distribution				
	LED	Controllable	A	B
88 164	27.5 W 2735 lm	DALI	615	135

Luminaire poles		
For pole heights	Top	Groups
4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management ® are readily available in the instructions for use and data sheets on our website.

Pole-top luminaire
Unshielded light or symmetrical light distribution

Protection class IP 65
Cast aluminium · Translucent white or clear synthetic cover with lamellar reflector
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

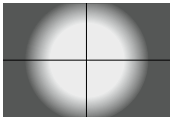20-year availability guarantee for replacement parts and LED modules

Unshielded light

Symmetrical

Translucent white · Unshielded light						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
77 120	26.5 W	2800 lm	DALI	650	595	4000–6000	Ø76	34·14·17·73

Clear · Symmetrical light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
77 142	26.5 W	1790 lm	DALI	650	595	4000–6000	Ø76	34·14·17·73

Pole-top luminaires
Symmetrical or asymmetrical flat beam light distribution

Protection class IP 65
Cast aluminium · Clear synthetic cover
Reflector made of pure anodised aluminium
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**
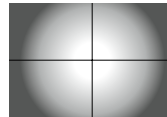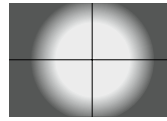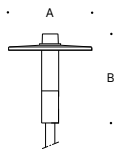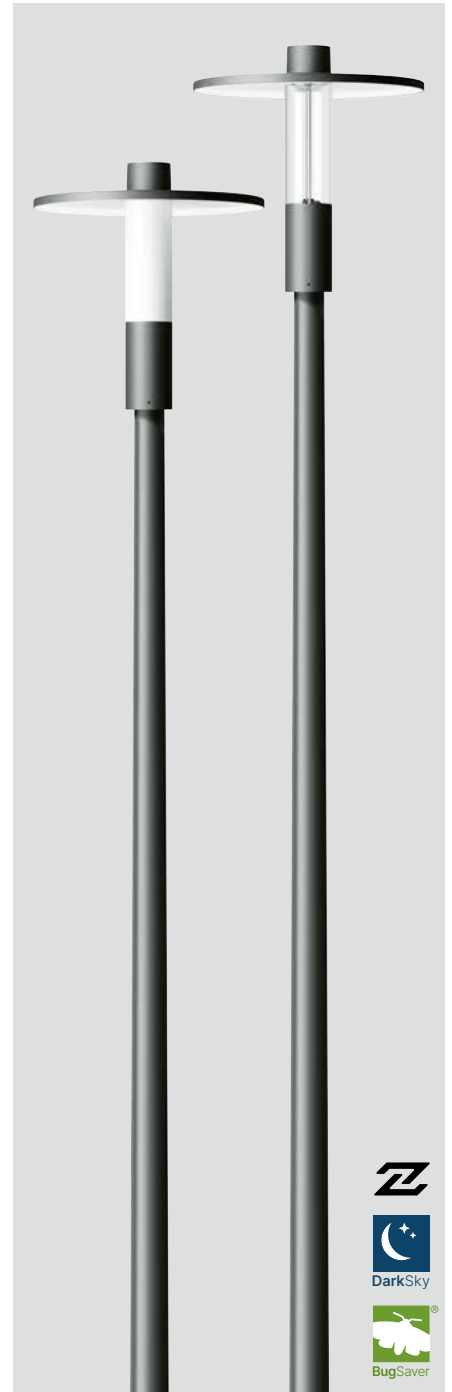
Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical

Asymmetrical
flat beam

DarkSky

Clear · Symmetrical light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
77 175	33.0 W	3660 lm	DALI	170	660	3500–6000	Ø76	34·14·17·33·13
84 101	52.0 W	6280 lm	DALI	220	875	5000–7000	Ø76	34·14·17·72

Clear · Asymmetrical flat beam light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
77 176	33.0 W	3635 lm	DALI	170	660	3500–6000	Ø76	34·14·17·33·13
84 102	52.0 W	6215 lm	DALI	220	875	5000–7000	Ø76	34·14·17·72

Pole-top luminaires
Unshielded light, symmetrical or asymmetrical flat beam light distribution
optionally with Zhaga interface

Protection class IP 65 · Safety class II
Cast aluminium · Clear or white translucent synthetic cover
BEGA Thermal Management®

Luminaires with a clear synthetic cover are optionally available with either symmetrical or
asymmetrical flat beam light distribution · Reflector made of pure anodised aluminium
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires 85 353, 85 223 and 85 224 are DALI controllable. Power reduction accessories for luminaires
with a DALI interface can be found on Page 433.

The luminaires 85 354, 85 225 and 85 226 come equipped with one Zhaga interface
as per Zhaga Book 18 Ed. 3.0.

In the table, we recommend BEGA luminaire poles whose surface quality and colour as well as design
and statics match the pole-top luminaires in this series. The complete overview and technical data for all
BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour
temperature of 3000 K to light with highly reduced blue light portion to protect nocturnal insects.
This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be
particularly insect-friendly. Our control devices can be used to achieve additional power reduction,
see Page 433.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Unshielded light

Symmetrical

Asymmetrical
flat beam

Luminaires with
Zhaga interface

Translucent white · **Unshielded** light						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
85 353	22.0 W	2600 lm	DALI	650	690	4000–6000	Ø 76	34 · 14 · 17 · 33 · 13
85 354	22.0 W	2600 lm	Zhaga	650	690	4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

DarkSky

Clear · **Symmetrical** light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
85 223	22.0 W	2000 lm	DALI	650	690	4000–6000	Ø 76	34 · 14 · 17 · 33 · 13
85 225	22.5 W	2000 lm	Zhaga	650	690	4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

Clear · **Asymmetrical flat beam** light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
85 224	22.0 W	1900 lm	DALI	650	690	4000–6000	Ø 76	34 · 14 · 17 · 33 · 13
85 226	22.5 W	1900 lm	Zhaga	650	690	4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

BugSaver   **Dark**Sky

Clear · **Symmetrical** light distribution · BEGA BugSaver®						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
85 227	23.6 W	1700 lm	DALI DT8, TW	650	690	4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

Clear · **Asymmetrical flat beam** light distribution · BEGA BugSaver®						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
85 228	23.6 W	1620 lm	DALI DT8, TW	650	690	4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

Luminaires with **interface Zhaga book 18 Ed. 3.0**
enable the integration of motion and light sensors
as well as communication modules.

You will find suitable components on Page 427.

BugSaver

We have developed luminaires with **BEGA BugSaver®**
technology for efficient illumination in urban and natural
environments.
This system allows a switch-over to amber light, which
is far less attractive to insects.

bega.com/bugsaver

DarkSky

The luminaires in our **Dark Sky** range direct their
light onto the surface to be illuminated with high
efficiency, while emitting less than 1% of their
luminaire luminous flux into the upper half-space
of the luminaire.

bega.com/darksky

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Pole-top luminaires
Unshielded light

Protection class IP 65 · Safety class II
Cast aluminium · Translucent white synthetic cover
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

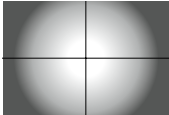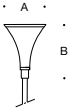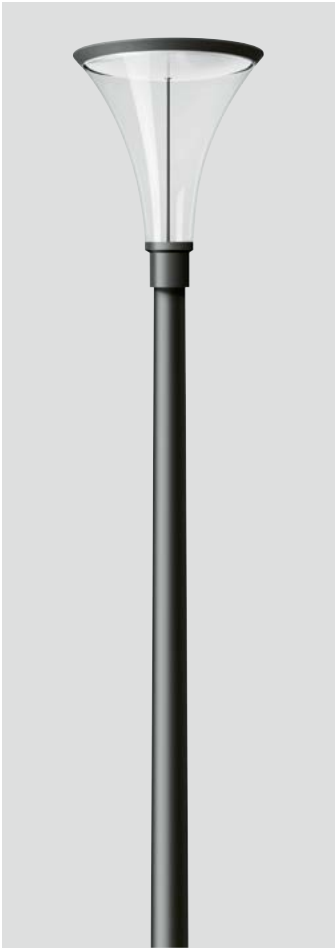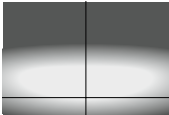Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Unshielded light

Unshielded light						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
77 121	18.0 W	1615 lm	DALI	390	490	3500–5000	Ø76	34 · 14 · 17 · 33 · 13
77 122	25.8 W	2635 lm	DALI	510	665	4000–6000	Ø76	34 · 14 · 17 · 73

Pole-top luminaires
Symmetrical and asymmetrical flat beam light distribution

Protection class IP 65 · Safety class II
Cast aluminium · Clear synthetic cover with optical texture
Reflector made of pure anodised aluminium
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

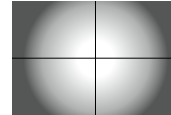You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
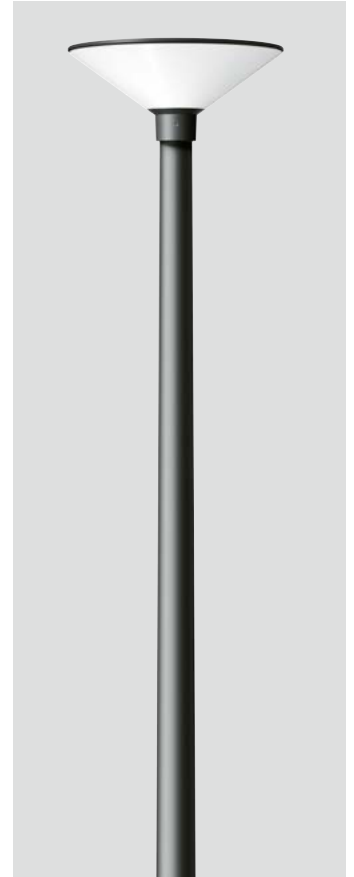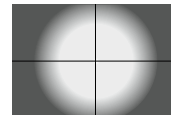Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical

Asymmetrical
flat beam

Symmetrical light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
77 124	18.0 W	1510 lm	DALI	390	490	3500–5000	Ø76	34 · 14 · 17 · 33 · 13
77 135	25.8 W	2540 lm	DALI	510	665	4000–6000	Ø76	34 · 14 · 17 · 73

Asymmetrical flat beam light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
77 150	18.0 W	1505 lm	DALI	390	490	3500–5000	Ø76	34 · 14 · 17 · 33 · 13
77 151	25.8 W	2510 lm	DALI	510	665	4000–6000	Ø76	34 · 14 · 17 · 73

Pole-top luminaire
Unshielded light

Protection class IP 65
Cast aluminium · Translucent white synthetic cover
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

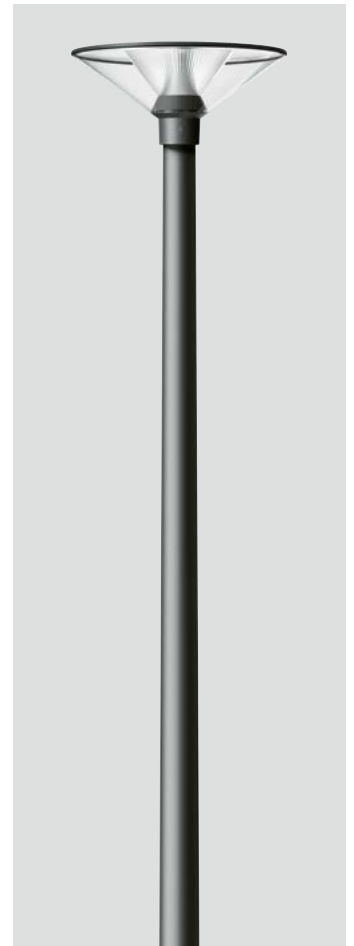20-year availability guarantee for replacement parts and LED modules

Unshielded light

Unshielded light					
	LED		Controllable	A	B
84 483	27.0 W	2825 lm	DALI	500	230

Luminaire poles		
For pole heights	Top	Groups
4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

Pole-top luminaires
Symmetrical or asymmetrical flat beam light distribution

Protection class IP 65
Cast aluminium · Clear synthetic cover · Reflector surface made of pure aluminium
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
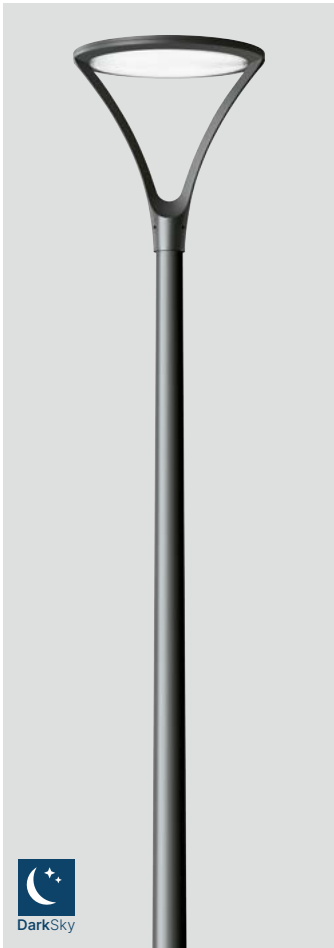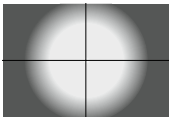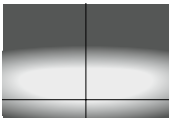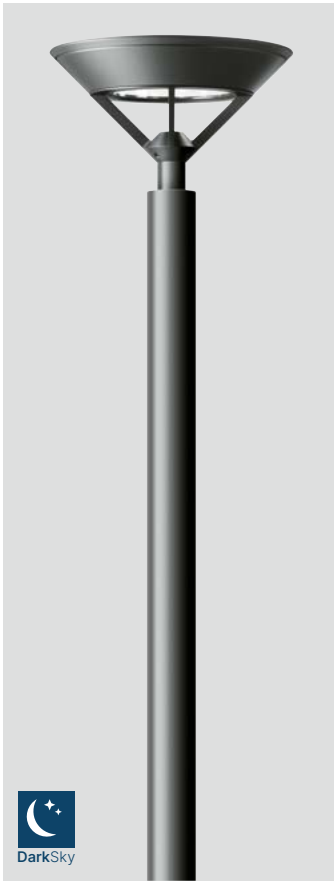
Symmetrical

Asymmetrical
flat beam

Symmetrical light distribution					
	LED		Controllable	A	B
84 481	27.0 W	3430 lm	DALI	500	230

Luminaire poles		
For pole heights	Top	Groups
4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

Asymmetrical flat beam light distribution					
	LED		Controllable	A	B
84 482	27.0 W	2870 lm	DALI	500	230

Luminaire poles		
For pole heights	Top	Groups
4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Pole-top luminaires
Symmetrical or asymmetrical flat beam light distribution

Protection class IP 65 · Safety class II
Cast aluminium · Clear synthetic cover with optical texture
Reflector made of pure anodised aluminium
DALI controllable power supply units · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

On request, we can also supply these luminaires with synthetic covers with an IK10 impact protection rating.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 496 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.
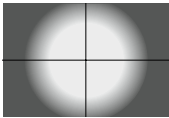
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
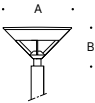Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical

Asymmetrical
flat beam

Symmetrical light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
84 120	25.8 W	2600 lm	DALI	525	560	4000–6000	Ø 76	34 · 14 · 72 · 17 · 33 · 13
84 147	51.6 W	4925 lm	DALI	750	820	5000–9000	Ø 76	34 · 14 · 72 · 17
84 305	110.0 W	8940 lm	DALI	750	820	5000–9000	Ø 76	34 · 14 · 72 · 17

Asymmetrical flat beam light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
84 121	25.8 W	2415 lm	DALI	525	560	4000–6000	Ø 76	34 · 14 · 72 · 17 · 33 · 13
84 148	51.6 W	4795 lm	DALI	750	820	5000–9000	Ø 76	34 · 14 · 72 · 17
84 306	110.0 W	8270 lm	DALI	750	820	5000–9000	Ø 76	34 · 14 · 72 · 17

DarkSky

Pole-top luminaires
Symmetrical or asymmetrical flat beam light distribution

Protection class IP 65 · Safety class II
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**
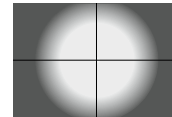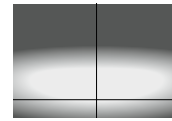
Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

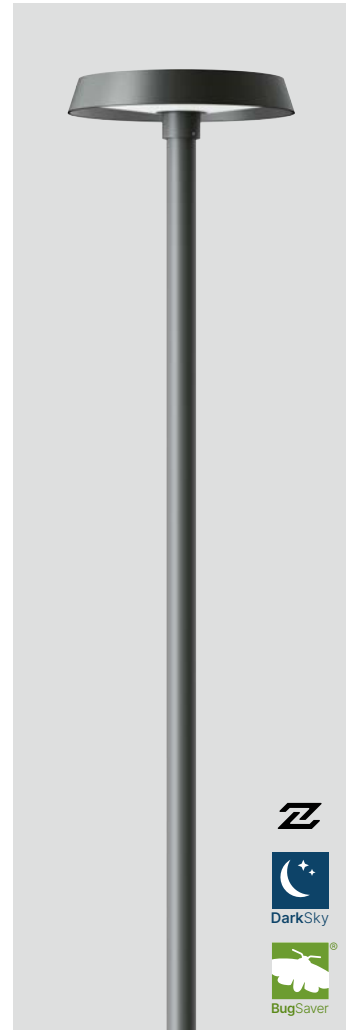20-year availability guarantee for replacement parts and LED modules

Symmetrical

Asymmetrical
flat beam

Symmetrical light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
84 401	26.0 W	2210 lm	DALI	710	365	4000–6000	Ø 76	34 · 14 · 17 · 32 · 12 · 16

Asymmetrical flat beam light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
84 403	25.8 W	2530 lm	DALI	710	365	4000–6000	Ø 76	34 · 14 · 17 · 32 · 12 · 16

DarkSky

Pole-top luminaires
Symmetrical or asymmetrical flat beam light distribution
optionally with Zhaga interface

Protection class IP 65 · Safety class II
Cast aluminium · Synthetic cover with optical texture
Reflector surface made of pure aluminium
BEGA Thermal Management ®
These luminaires emit no light into the upper half-space of the luminaires.

The luminaires 85 011 and 85 012 are DALI controllable. Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

The luminaires 85 013 and 85 014 come equipped with one Zhaga interface as per Zhaga Book 18 Ed. 3.0.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

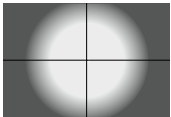You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver ® technology can be switched from warm white light with a colour temperature of 3000 K to light with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be particularly insect-friendly. Our control devices can be used to achieve additional power reduction, see Page 433.
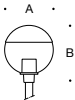
Luminaire colour · BEGA Unidure ®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical

Asymmetrical flat beam

Luminaires with
Zhaga interface

Symmetrical light distribution					
	LED		Controllable	A	B
85 011	27.0 W	3270 lm	DALI	550	160
85 013	28.0 W	3270 lm	Zhaga	550	160

Luminaire poles		
For pole heights	Top	Groups
4000–6000	Ø 76	34 · 14 · 17 · 33 · 13
4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

Asymmetrical flat beam light distribution					
	LED		Controllable	A	B
85 012	27.0 W	2660 lm	DALI	550	160
85 014	28.0 W	2660 lm	Zhaga	550	160

Luminaire poles		
For pole heights	Top	Groups
4000–6000	Ø 76	34 · 14 · 17 · 33 · 13
4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

Symmetrical light distribution · BEGA BugSaver®					
	LED		Controllable	A	B
85 070	28.5 W	2950 lm	DALI DT8, TW	550	160

Luminaire poles		
For pole heights	Top	Groups
4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

Asymmetrical flat beam light distribution · BEGA BugSaver®					
	LED		Controllable	A	B
85 071	28.5 W	2415 lm	DALI DT8, TW	550	160

Luminaire poles		
For pole heights	Top	Groups
4000–6000	Ø 76	34 · 14 · 17 · 33 · 13

DarkSky

BugSaver

Luminaires with **interface Zhaga book 18 Ed. 3.0** enable the integration of motion and light sensors as well as communication modules.

You will find suitable components on Page 427.

The luminaires in our **Dark Sky** range direct their light onto the surface to be illuminated with high efficiency, while emitting less than 1% of their luminaire luminous flux into the upper half-space of the luminaire.

bega.com/darksky

We have developed luminaires with **BEGA BugSaver®** technology for efficient illumination in urban and natural environments.
This system allows a switch-over to amber light, which is far less attractive to insects.

bega.com/bugsaver

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management ® are readily available in the instructions for use and data sheets on our website.

Pole-top luminaire
Symmetrical light distribution

Protection class IP 65 · Safety class II
Cast aluminium · Clear synthetic sphere
Reflector made of pure anodised aluminium
DALI controllable power supply units · BEGA Thermal Management®

These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

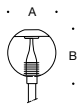Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical

DarkSky

Symmetrical light distribution				
	LED		Controllable	A	B
85 221	41.0 W	2705 lm	DALI	450	520

Luminaire poles		
For pole heights	Top	Groups
3500 – 6000	Ø 76	13 · 17 · 33 · 34

Pole-top luminaires
Symmetrical or asymmetrical flat beam light distribution
optionally with Zhaga interface

Protection class IP 65 · Safety class II
Cast aluminium · Clear synthetic sphere
Reflector surface made of pure aluminium
BEGA Thermal Management®

These luminaires emit less than 1% of the light into the upper half-space of the luminaires.

The luminaires 85 098 and 85 099 are DALI controllable. Power reduction accessories for luminaires
with a DALI interface can be found on Page 433.

The luminaires 85 100 and 85 101 come equipped with one Zhaga interface as per Zhaga Book 18 Ed. 3.0.
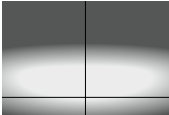
In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design
and statics of the pole-top luminaires in this series. The complete overview and technical data for all
BEGA luminaire poles can be found on Pages 296 to 307.

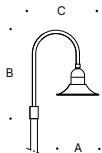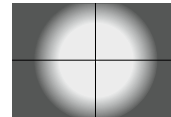You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour
temperature of 3000 K to light with highly reduced blue light portion to protect nocturnal insects.
This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be
particularly insect-friendly. Our control devices can be used to achieve additional power reduction,
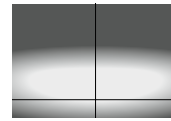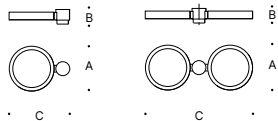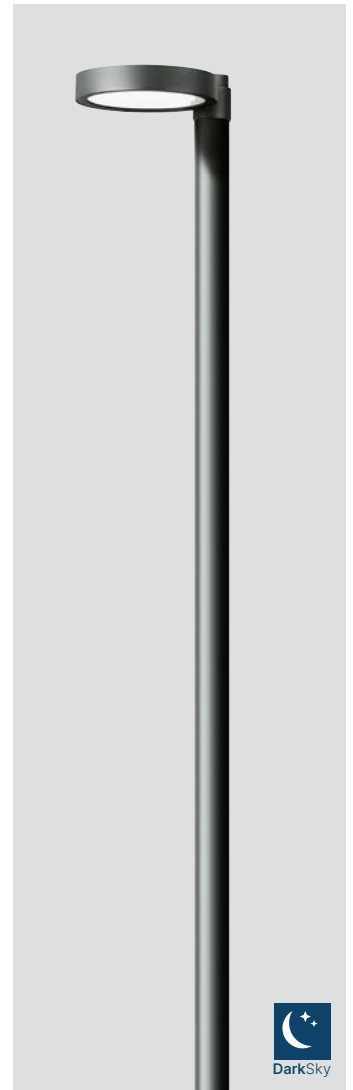see Page 433.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Symmetrical

Asymmetrical flat beam

Luminaires with
Zhaga interface

Symmetrical light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
85 098	26.0 W	2590 lm	DALI	450	510	3500 – 6000	Ø 76	13 · 17 · 33 · 34
85 100	27.5 W	2590 lm	Zhaga	450	510	3500 – 6000	Ø 76	13 · 17 · 33 · 34

Asymmetrical flat beam light distribution						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
85 099	26.0 W	2800 lm	DALI	450	510	3500 – 6000	Ø 76	13 · 17 · 33 · 34
85 101	27.5 W	2800 lm	Zhaga	450	510	3500 – 6000	Ø 76	13 · 17 · 33 · 34

Symmetrical light distribution · **BEGA BugSaver®**						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
85 102	28.5 W	2160 lm	DALI DT8, TW	450	510	3500 – 6000	Ø 76	13 · 17 · 33 · 34

Asymmetrical flat beam light distribution · **BEGA BugSaver®**						Luminaire poles		
	LED		Controllable	A	B	For pole heights	Top	Groups
85 103	28.5 W	2360 lm	DALI DT8, TW	450	510	3500 – 6000	Ø 76	13 · 17 · 33 · 34

Luminaires with **interface Zhaga book 18 Ed. 3.0** enable the integration of motion and light sensors as well as communication modules.

You will find suitable components on Page 427.

DarkSky

The luminaires in our **Dark Sky** range direct their light onto the surface to be illuminated with high efficiency, while emitting less than 1% of their luminaire luminous flux into the upper half-space of the luminaire.

bega.com/darksky

BugSaver

We have developed luminaires with **BEGA BugSaver®** technology for efficient illumination in urban and natural environments.
This system allows a switch-over to amber light, which is far less attractive to insects.

bega.com/bugsaver

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Pole-top luminaires
Asymmetrical flat beam light distribution

Protection class IP 65
Cast aluminium · Synthetic cover with optical texture
Reflector made of pure anodised aluminium
BEGA Ultimate Driver® · DALI-controllable
BEGA Thermal Management®

These luminaires emit no light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Asymmetrical flat beam

Asymmetrical flat beam light distribution								Luminaire poles		
	LED		Controllable		A	B	C	For pole heights	Top	Group
• **85 327**	18.0 W	2450 lm	DALI		500	1030	820	4000–6000	Ø 76	34
• **85 328**	25.8 W	3450 lm	DALI		675	1175	1010	4000–6000	Ø 76	34

DarkSky

• New in the range

Pole-top luminaires
Symmetrical or asymmetrical flat beam light distribution

Protection class IP 65 · Safety class II
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

These luminaires emit no light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

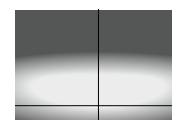20-year availability guarantee for replacement parts and LED modules

Symmetrical

Asymmetrical
flat beam

Symmetrical light distribution

	LED		Controllable		A	B	C
99 401	18.5 W	1970 lm	DALI	**One-sided**	300	100	405
99 403	37.0 W	3940 lm	DALI	**Double-sided**	300	100	720

Luminaire poles

For pole heights	Top	Groups
4000–5000	Ø76	34·14·17·33·13
4000–5000	Ø76	34·14·17·33·13

Asymmetrical flat beam light distribution

	LED		Controllable		A	B	C
99 402	18.3 W	1940 lm	DALI	**One-sided**	300	100	405
99 407	26.4 W	3275 lm	DALI	**One-sided**	470	75	610
99 462	36.6 W	3880 lm	DALI	**Double-sided**	300	100	720
99 408	52.8 W	6550 lm	DALI	**Double-sided**	470	75	1125

Luminaire poles

For pole heights	Top	Groups
4000–5000	Ø76	34·14·17·33·13
4000–6000	Ø76	34·14·17·33·13
4000–5000	Ø76	34·14·17·33·13
4000–6000	Ø76	34·14·17·33·13

DarkSky

The luminaires in our **Dark Sky** range direct their light onto the surface to be illuminated with high efficiency, while emitting no light into the upper half-space of the luminaire.

bega.com/darksky

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Pole-top luminaires
Asymmetrical or asymmetrical flat beam light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®
Attack angle infinitely adjustable from 0° to 90°
These luminaires emit no light into the upper half-space of the luminaires.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

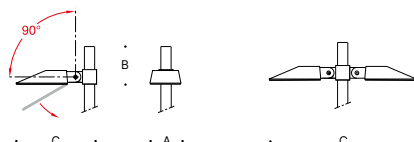You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

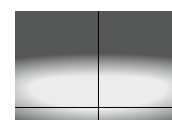20-year availability guarantee for replacement parts and LED modules

Asymmetrical

Asymmetrical
flat beam
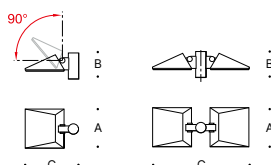
	LED		Controllable		A	B	C
Asymmetrical light distribution							
84 103	22.0 W	2515 lm	DALI	**One-sided**	260	190	355
84 104	44.0 W	5030 lm	DALI	**Double-sided**	260	190	630

	Pole heights	Top	Groups
Luminaire poles			
	2500–3000	Ø 60	32 · 12
	2500–3000	Ø 60	32 · 12

	LED		Controllable		A	B	C
Asymmetrical flat beam light distribution							
84 245	15.5 W	2055 lm	DALI	**One-sided**	260	190	355
84 105	22.0 W	2850 lm	DALI	**One-sided**	260	190	355
84 246	31.0 W	4110 lm	DALI	**Double-sided**	260	190	630
84 106	44.0 W	5700 lm	DALI	**Double-sided**	260	190	630

	Pole heights	Top	Groups
Luminaire poles			
	2500–3000	Ø 60	32 · 12
	2500–3000	Ø 60	32 · 12
	2500–3000	Ø 60	32 · 12
	2500–3000	Ø 60	32 · 12

DarkSky

Pole-top luminaires
Asymmetrical or asymmetrical flat beam light distribution

Protection class IP 66
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Attack angle adjustable to +90° in 10° increments
DALI controllable power supply units · BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.
You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules
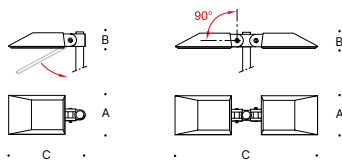
Asymmetrical

Asymmetrical
flat beam

	LED		Controllable		A	B	C
Asymmetrical light distribution							
84 247	25.0 W	3255 lm	DALI	**One-sided**	225	290	545
84 407	58.5 W	7060 lm	DALI	**One-sided**	225	290	545
84 250	106.0 W	12 580 lm	DALI	**One-sided**	315	290	630
84 248	50.0 W	6510 lm	DALI	**Double-sided**	225	290	985
84 249	117.0 W	14 120 lm	DALI	**Double-sided**	225	290	985
84 251	212.0 W	25 160 lm	DALI	**Double-sided**	315	290	1155

	For pole heights	Top	Groups
Luminaire poles			
	4000–5000	Ø 76	34 · 14 · 17 · 72
	4000–6000	Ø 76	34 · 14 · 17 · 72
	6000–8000	Ø 76	34 · 17 · 72
	4000–5000	Ø 76	34 · 14 · 17 · 72
	4000–6000	Ø 76	34 · 14 · 17 · 72
	6000–8000	Ø 76	34 · 17 · 72

	LED		Controllable		A	B	C
Asymmetrical flat beam light distribution							
77 025	17.5 W	2320 lm	DALI	**One-sided**	225	290	545
85 244	26.5 W	3710 lm	DALI	**One-sided**	225	290	545
84 254	35.0 W	4640 lm	DALI	**Double-sided**	225	290	985
85 245	53.0 W	7420 lm	DALI	**Double-sided**	225	290	985

	For pole heights	Top	Groups
Luminaire poles			
	4000–5000	Ø 76	34 · 14 · 17 · 72
	4000–6000	Ø 76	34 · 14 · 17 · 72
	4000–5000	Ø 76	34 · 14 · 17 · 72
	4000–6000	Ø 76	34 · 14 · 17 · 72

DarkSky

Pole-top luminaires
Asymmetrical flat beam light distribution

Protection class IP 66 · Safety class II
Cast aluminium · Anti-glare safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Attack angle adjustable to 0° or 15°
Luminaires can be opened without tools
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

If requested, we can also supply these luminaires in a 2-sided version.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules
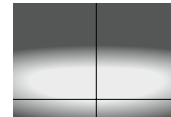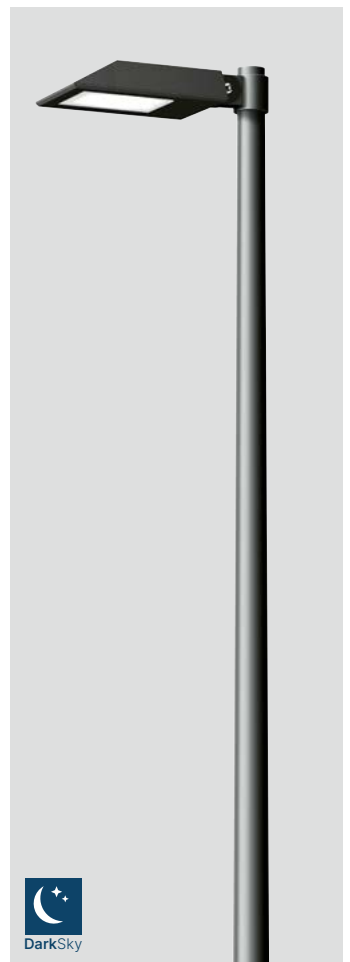
Asymmetrical
flat beam

The luminaire 77 858 is certified by Dark Sky International.
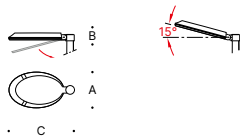
Asymmetrical flat beam light distribution								Luminaire poles		
	LED		Controllable		A	B	C	For pole heights	Top*	Groups
77 825	13.5 W	1895 lm	DALI	**One-sided**	260	55	520	3500–5000	Ø76	34·14·17·33·13
77 853	25.5 W	3755 lm	DALI	**One-sided**	260	55	520	5000–7000	Ø76	72·14·17·33·13
77 858	34.0 W	4645 lm	DALI	**One-sided**	260	55	520	5000–8000	Ø76	72·14·17·33·13

*Also available for Ø60 mm pole top on request.
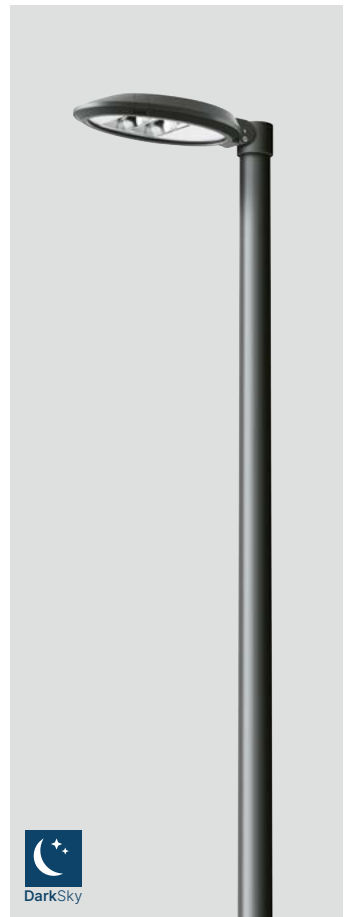
Pole-top luminaires
Asymmetrical flat beam light distribution

Protection class IP 66
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Attack angle adjustable to +90° in 10° increments · Luminaires can be opened without tools
DALI controllable power supply units
BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

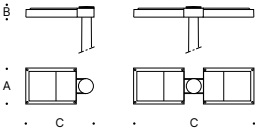Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Asymmetrical
flat beam

Asymmetrical flat beam light distribution								Luminaire poles		
	LED		Controllable		A	B	C	For pole heights	Top	Groups
77 928	18.7 W	2295 lm	DALI	**One-sided**	290	135	655	4000–6000	Ø76	34·14·17·72
77 939	26.0 W	3435 lm	DALI	**One-sided**	290	135	655	4000–6000	Ø76	34·14·17·72
84 123	37.4 W	4590 lm	DALI	**Double-sided**	290	135	1210	4000–6000	Ø76	34·14·17·72
84 124	52.0 W	6870 lm	DALI	**Double-sided**	290	135	1210	4000–6000	Ø76	34·14·17·72

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Pole-top luminaires optionally with Zhaga interface
and side-mounted pole-top luminaires for bracket poles
Asymmetrical or asymmetrical flat beam light distribution

Protection class IP 66 · Safety class II
Cast aluminium · Anti-glare safety glass
Reflector surface made of pure aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

Some luminaires come equipped with two Zhaga interfaces as per Zhaga Book 18 Ed. 3.0. Zhaga modules are not included in the delivery.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of 3000 K to light with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber has a colour temperature of around 1800 K and is considered to be particularly insect-friendly. Our control devices can be used to achieve additional power reduction, see Page 433.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Luminaire with two
separate Zhaga interfaces

For Zhaga system
components, see Page 427

Pole-top luminaires · Asymmetrical light distribution / Luminaire poles

	LED		Controllable		A	B	C	For pole heights	Top	Groups
84 581	18.8 W	2575 lm	DALI	One-sided	240	60	450	4000–6000	Ø76	34 · 14 · 17 · 33 · 13
84 582	33.5 W	4995 lm	DALI	One-sided	240	60	450	5000–8000	Ø76	34 · 72 · 17 · 33 · 13
84 585	51.0 W	7690 lm	DALI	One-sided	320	75	520	7000–9000	Ø76	34 · 72
84 586	67.0 W	10225 lm	DALI	One-sided	320	75	520	7000–9000	Ø76	34 · 72
84 583	37.6 W	5150 lm	DALI	Double-sided	240	60	805	4000–6000	Ø76	34 · 14 · 17 · 33 · 13
84 584	67.0 W	9990 lm	DALI	Double-sided	240	60	805	5000–8000	Ø76	34 · 72 · 17 · 33 · 13
84 587	102.0 W	15380 lm	DALI	Double-sided	320	75	935	7000–9000	Ø76	34 · 72
84 588	134.0 W	20450 lm	DALI	Double-sided	320	75	935	7000–9000	Ø76	34 · 72
84 653	34.5 W	4995 lm	Zhaga	One-sided	240	60	550	5000–8000	Ø76	34 · 72 · 17 · 33 · 13
84 655	69.0 W	10225 lm	Zhaga	One-sided	320	75	615	7000–9000	Ø76	34 · 72

Asymmetrical

Pole-top luminaires · Asymmetrical flat beam light distribution / Luminaire poles

	LED		Controllable		A	B	C	For pole heights	Top	Groups
84 589	18.8 W	2345 lm	DALI	One-sided	240	60	450	4000–6000	Ø76	34 · 14 · 17 · 33 · 13
84 590	33.5 W	4550 lm	DALI	One-sided	240	60	450	5000–8000	Ø76	34 · 72 · 17 · 33 · 13
84 593	51.2 W	6900 lm	DALI	One-sided	320	75	520	7000–9000	Ø76	34 · 72
84 594	67.0 W	9160 lm	DALI	One-sided	320	75	520	7000–9000	Ø76	34 · 72
84 591	37.6 W	4690 lm	DALI	Double-sided	240	60	805	4000–6000	Ø76	34 · 14 · 17 · 33 · 13
84 592	67.0 W	9110 lm	DALI	Double-sided	240	60	805	5000–8000	Ø76	34 · 72 · 17 · 33 · 13
84 595	102.4 W	13800 lm	DALI	Double-sided	320	75	935	7000–9000	Ø76	34 · 72
84 596	134.0 W	18320 lm	DALI	Double-sided	320	75	935	7000–9000	Ø76	34 · 72
84 657	34.5 W	4550 lm	Zhaga	One-sided	240	60	550	5000–8000	Ø76	34 · 72 · 17 · 33 · 13
84 659	69.0 W	9160 lm	Zhaga	One-sided	320	75	615	7000–9000	Ø76	34 · 72

Asymmetrical flat beam

DarkSky

ZZ

Luminaires with **interface Zhaga book 18 Ed. 3.0** enable the integration of motion and light sensors as well as communication modules.

You will find suitable components on Page 427.

DarkSky

The luminaires in our **Dark Sky** range direct their light onto the surface to be illuminated with high efficiency, while emitting no light into the upper half-space of the luminaire.

bega.com/darksky

BugSaver

We have developed luminaires with **BEGA BugSaver®** technology for efficient illumination in urban and natural environments.
This system allows a switch-over to amber light, which is far less attractive to insects.

bega.com/bugsaver

Pole-top luminaires **for illuminating pedestrian crossings pursuant to DIN 67523-1**
These luminaires help pedestrians to safely cross the roadway with their asymmetrical flat beam light distribution which lies to the right of the luminaire, thereby illuminating around the pedestrian crossing.
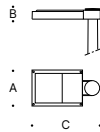
BugSaver

Pole-top luminaire · **Asymmetrical** light distribution · **BEGA BugSaver®**

	LED		Controllable		A	B	C
85 034	33.5 W	3570 lm	DALI DT8, TW	**One-sided**	240	60	450

Luminaire poles

For pole heights	Top	Groups
5000–8000	Ø 76	34 · 72 · 17 · 33 · 13

Pole-top luminaire · **Asymmetrical flat beam** light distribution · **BEGA BugSaver®**

	LED		Controllable		A	B	C
85 035	33.6 W	3330 lm	DALI DT8, TW	**One-sided**	240	60	450

Luminaire poles

For pole heights	Top	Groups
5000–8000	Ø 76	34 · 72 · 17 · 33 · 13

Pole-top luminaires · **Asymmetrical** light distribution **for pedestrian crossings pursuant to DIN 67523-1**

	LED		Controllable		A	B	C
85 064	40.0 W	5240 lm	DALI	**One-sided**	240	60	450
85 065	61.5 W	8260 lm	DALI	**One-sided**	320	75	520

Luminaire poles

For pole heights	Top	Groups
5000–8000	Ø 76	34 · 72 · 17 · 33 · 13
6000–9000	Ø 76	34 · 72

Asymmetrical
pursuant to DIN 67523-1
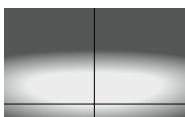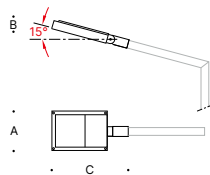
Side-mounted pole-top luminaires **for bracket poles · Asymmetrical flat beam** light distribution

	LED		Controllable		A	B	C
84 597	18.8 W	2345 lm	DALI		240	60	535
84 598	33.5 W	4550 lm	DALI		240	60	535
84 599	51.2 W	6900 lm	DALI		320	75	600
84 643	67.0 W	9160 lm	DALI		320	75	600

For pole heights	Connection*
4000–6000	Ø 42
5000–8000	Ø 42
7000–9000	Ø 60
7000–9000	Ø 60

Asymmetrical flat beam

*Ø 42 mm connection also available in Ø 60 mm, and Ø 60 mm available in Ø 42 mm on request.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
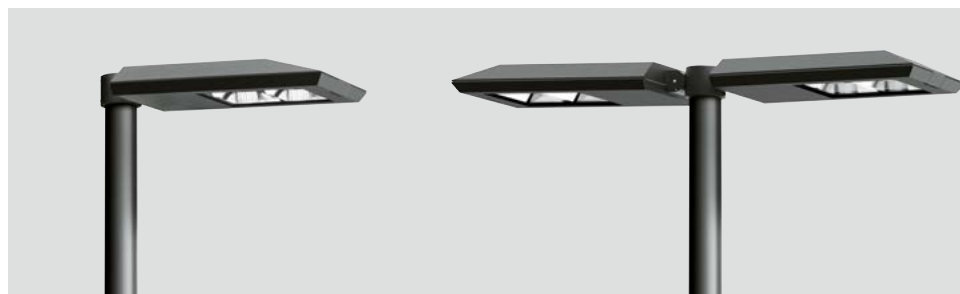
Pole-top luminaires optionally with Zhaga interface
pole-top luminaires with outrigger arm and side-mounted pole-top luminaires for bracket poles
Asymmetrical or asymmetrical flat beam light distribution

Protection class IP 66 · Safety class II
Cast aluminium · Anti-glare safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Luminaires with a width of 340 mm, Zhaga luminaires and all luminaires in a double arrangement
as well as side-mounted pole-top luminaires: Attack angle adjustable to 0° or 15° · Luminaires can be opened without tools
BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires.

Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

Some luminaires come equipped with two Zhaga interfaces as per Zhaga Book 18 Ed. 3.0.
Zhaga modules are not included in the delivery.

In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top
luminaires in this series. The complete overview and technical data for all BEGA luminaire poles can be found on Pages 296 to 307.

You can find BEGA anchorage units and connection boxes on Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaires with BEGA BugSaver® technology can be switched from warm white light with a colour temperature of 3000 K to light
with highly reduced blue light portion to protect nocturnal insects. This phosphor-converted amber has a colour temperature of around
1800 K and is considered to be particularly insect-friendly. Our control devices can be used to achieve additional power reduction,
see Page 433.

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

20-year availability guarantee for replacement parts and LED modules

Luminaire with two separate
Zhaga interfaces

For Zhaga system
components, see Page 427

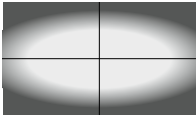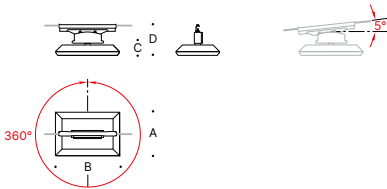| Pole-top luminaires · **Asymmetrical** light distribution								Luminaire poles		
	LED		Controllable		A	B	C	For pole heights	Top*	Groups
84 252	14.6 W	2010 lm	DALI	**One-sided**	255	60	440	3500–6000	Ø76	34 · 14 · 17 · 33 · 13
99 515	26.0 W	3585 lm	DALI	**One-sided**	255	60	440	4000–6000	Ø76	34 · 14 · 17 · 33 · 13
99 519	34.5 W	4990 lm	DALI	**One-sided**	255	60	440	5000–8000	Ø76	34 · 72 · 17 · 33 · 13
99 522	53.0 W	7065 lm	DALI	**One-sided**	340	75	660	7000–9000	Ø76	34 · 72
99 523	67.0 W	9800 lm	DALI	**One-sided**	340	75	660	7000–9000	Ø76	34 · 72
99 527	103.0 W	13220 lm	DALI	**One-sided**	340	75	815	8000–10000	Ø76	72
84 253	29.2 W	4020 lm	DALI	**Double-sided**	255	60	810	3500–6000	Ø76	34 · 14 · 17 · 33 · 13
99 528	52.0 W	7170 lm	DALI	**Double-sided**	255	60	810	4000–6000	Ø76	34 · 14 · 17 · 33 · 13
99 529	69.0 W	9980 lm	DALI	**Double-sided**	255	60	810	5000–8000	Ø76	34 · 72 · 17 · 33 · 13
99 532	106.0 W	14130 lm	DALI	**Double-sided**	340	75	1210	7000–9000	Ø76	34 · 72
99 533	134.0 W	19600 lm	DALI	**Double-sided**	340	75	1210	7000–9000	Ø76	34 · 72
99 534	206.0 W	26440 lm	DALI	**Double-sided**	340	75	1530	8000–10000	Ø76	72

Asymmetrical

*Also available for Ø60 mm pole top on request.

Pole-top luminaires · **Asymmetrical flat beam** light distribution								Luminaire poles		
	LED		Controllable		A	B	C	For pole heights	Top*	Groups
99 446	13.6 W	1800 lm	DALI	**One-sided**	255	60	440	3500–6000	Ø76	34 · 14 · 17 · 33 · 13
99 491	18.4 W	2400 lm	DALI	**One-sided**	255	60	440	4000–6000	Ø76	34 · 14 · 17 · 33 · 13
99 499	26.0 W	3585 lm	DALI	**One-sided**	255	60	440	5000–8000	Ø76	34 · 72 · 17 · 33 · 13
99 556	34.5 W	4750 lm	DALI	**One-sided**	255	60	440	5000–8000	Ø76	34 · 72 · 17 · 33 · 13
99 595	53.0 W	7550 lm	DALI	**One-sided**	340	75	660	7000–9000	Ø76	34 · 72
99 596	67.0 W	9610 lm	DALI	**One-sided**	340	75	660	7000–9000	Ø76	34 · 72
99 599	103.0 W	14450 lm	DALI	**One-sided**	340	75	815	8000–10000	Ø76	72
99 447	27.2 W	3600 lm	DALI	**Double-sided**	255	60	810	3500–6000	Ø76	34 · 14 · 17 · 33 · 13
99 473	52.0 W	7170 lm	DALI	**Double-sided**	255	60	810	4000–6000	Ø76	34 · 14 · 17 · 33 · 13
99 474	69.0 W	9500 lm	DALI	**Double-sided**	255	60	810	5000–8000	Ø76	34 · 72 · 17 · 33 · 13
99 479	134.0 W	19220 lm	DALI	**Double-sided**	340	75	1210	7000–9000	Ø76	34 · 72
99 481	206.0 W	28900 lm	DALI	**Double-sided**	340	75	1530	8000–10000	Ø76	72
85 092	26.5 W	3585 lm	Zhaga	**One-sided**	255	60	625	4000–6000	Ø76	34 · 14 · 17 · 33 · 13
85 093	70.0 W	9010 lm	Zhaga	**One-sided**	340	75	825	7000–9000	Ø76	34 · 72

Asymmetrical flat beam

*Also available for Ø60 mm pole top on request.

DarkSky

BugSaver®

Pole-top luminaires · **Asymmetrical** light distribution · **BEGA BugSaver®**

	LED		PSU		A	B	C
85 032	33.5 W	3440 lm	DALI DT8, TW	**One-sided**	255	60	440

Luminaire poles

For pole heights	Top*	Groups
5000–8000	Ø76	34·72·17·33·13

Pole-top luminaires · **Asymmetrical flat beam** light distribution · **BEGA BugSaver®**

	LED		PSU		A	B	C
85 033	33.6 W	3190 lm	DALI DT8, TW	**One-sided**	255	60	440

Luminaire poles

For pole heights	Top*	Groups
5000–8000	Ø76	34·72·17·33·13

Pole-top luminaires **for illuminating pedestrian crossings pursuant to DIN 67523**
These luminaires help pedestrians to safely cross the roadway with their asymmetrical flat beam light distribution which lies to the right of the luminaire, thereby illuminating around the pedestrian crossing.

Asymmetrical
pursuant to DIN 67523-1

Pole-top luminaires · **Asymmetrical** light distribution **for pedestrian crossings pursuant to DIN 67523-1**

	LED		Controllable		A	B	C
85 066	40.0 W	4900 lm	DALI	**One-sided**	255	60	440
85 067	61.5 W	7820 lm	DALI	**One-sided**	340	75	660

Luminaire poles

For pole heights	Top*	Groups
4000–6000	Ø76	34·14·17·33·13
6000–9000	Ø76	34 · 72

*Also available for Ø60 mm pole top on request.
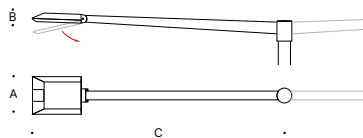
Asymmetrical flat beam

Pole-top luminaires **with outrigger arm** · **Asymmetrical flat beam** light distribution

	LED		Controllable		A	B	C
77 718	34.5 W	4750 lm	DALI	**One-sided**	255	60	1700
77 728	53.0 W	7550 lm	DALI	**One-sided**	340	75	1900
77 732	67.0 W	9610 lm	DALI	**One-sided**	340	75	1900
77 736	69.0 W	9500 lm	DALI	**Double-sided**	255	60	3400
77 758	106.0 W	15000 lm	DALI	**Double-sided**	340	75	3800
77 759	134.0 W	19220 lm	DALI	**Double-sided**	340	75	3800

Luminaire poles

For pole heights	Top	Group
5000–8000	Ø76	72
7000–10000	Ø76	72
7000–10000	Ø76	72
5000–8000	Ø76	72
7000–10000	Ø76	72
7000–10000	Ø76	72

15°
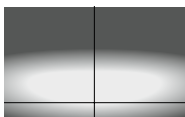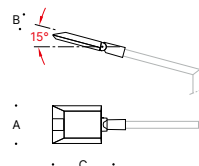
Asymmetrical flat beam

Side-mounted pole-top luminaires **for bracket poles** · **Asymmetrical flat beam** light distribution

	LED		Controllable	A	B	C
99 467	13.6 W	1800 lm	DALI	255	60	490
99 426	18.4 W	2400 lm	DALI	255	60	490
99 427	26.0 W	3585 lm	DALI	255	60	490
99 433	34.5 W	4750 lm	DALI	255	60	490
99 454	53.0 W	7550 lm	DALI	340	75	690

For pole heights	Connection*
3500–5000	Ø42
4000–6000	Ø42
5000–7000	Ø42
5000–8000	Ø42
7000–9000	Ø60

*Ø42 mm connection also available in Ø60 mm, and Ø60 mm available in Ø42 mm on request.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Pendant luminaires for tension cable systems
Symmetrical flat beam light distribution

Protection class IP 66
Cast aluminium · Anti-glare safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
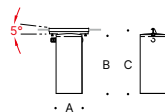BEGA Ultimate Driver® · DALI controllable · BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires.

Power reduction accessories for LED luminaires with a DALI interface can be found on Page 433.
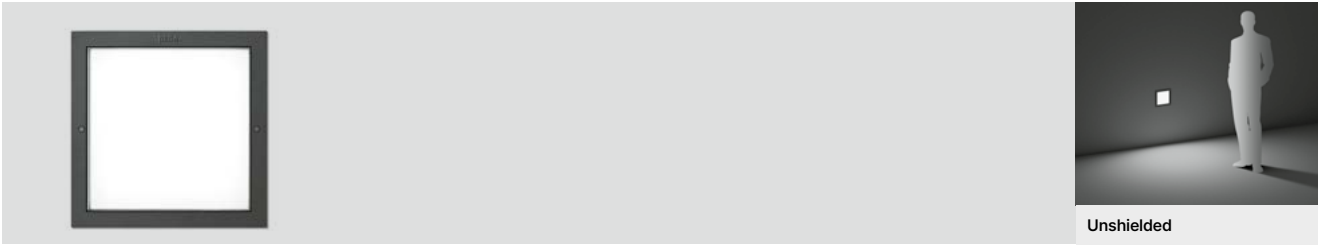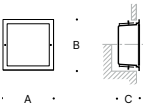
Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Symmetrical flat beam

Symmetrical flat beam light distribution

	LED		Controllable	A	B	C	D
99 458	34.6 W	5040 lm	DALI	310	460	75	230
99 459	51.0 W	7650 lm	DALI	310	460	75	230
99 460	69.0 W	9960 lm	DALI	310	460	75	230

DarkSky

The luminaires in our **Dark Sky** range direct their light onto the surface to be illuminated with high efficiency, while emitting no light into the upper half-space of the luminaire.

bega.com/darksky

Symmetrical
very wide beam

Pendant luminaire for tension cable systems
Shielded light, symmetrical very wide beam light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®
These luminaires emit no light into the upper half-space of the luminaires.

Power reduction accessories for LED luminaires with a DALI interface can be found on Page 433.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**
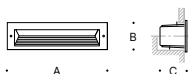
Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

DarkSky

Symmetrical very wide beam light distribution

	LED		Controllable	A	B	C
84 405	39.0 W	4295 lm	DALI	190	485	525
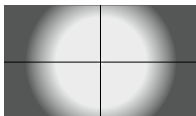
Symmetrical
very wide beam

Pendant luminaire for tension cable systems
Shielded light, symmetrical very wide beam light distribution

Protection class IP 65
Cast aluminium · Closed clear synthetic cylinder
Reflector made of pure anodised aluminium
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

Power reduction accessories for LED luminaires with a DALI interface can be found on Page 433.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
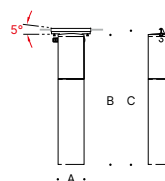
Symmetrical very wide beam light distribution

	LED		Controllable	A	B	C
84 406	39.0 W	4725 lm	DALI	190	1035	1075

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Emergency lighting luminaires

BEGA emergency lighting luminaires

LED emergency lighting luminaires with integrated single battery, for 1 or 3 hours emergency operation in case of power failure in compliance with EN 60598-2-22.
BEGA emergency lighting luminaires with general illumination and emergency lighting are designed for three operating modes:
Standby mode, continuous mode or continuous mode with external switch.
Built-in batteries with heating and thermostat for 1 or 3 hours of emergency operation. Emergency lighting device with self-test function in the luminaire: battery monitoring, function test and operating time test are carried out automatically.

Emergency lighting luminaires with single emergency lighting battery can be found at:
bega.com/emergency-lighting

Unshielded

Emergency lighting luminaire · Recessed wall luminaire for flush or surface-mounted installation
Unshielded light

Protection class IP 65 · Cast aluminium · Safety glass · Power supply unit DALI controllable

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Tricoat ® · Graphite

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation options on Page 45.

	Mains operation		Emergency operation					Installation housing		Plaster frame	
	LED		Controllable		A	B	C	Type A	Type B	Type C	Type D
24 091	14.5 W	840 lm	DALI	275 lm · 3h	250	250	105	**10 490**	**13 542**	**10 090**	**13 529**

Asymmetrical flat beam
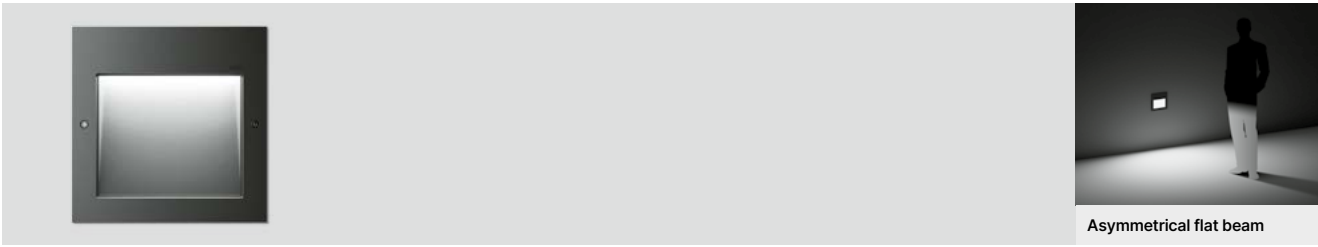
Emergency lighting luminaires · Recessed wall luminaires for flush or surface-mounted installation
Asymmetrical flat beam light distribution

Protection class IP 65 · Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics® · Power supply units DALI controllable

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Tricoat ® · Graphite

20-year availability guarantee for replacement parts and LED modules
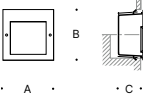
You can find an overview of the various installation options on Page 45.

	Mains operation		Emergency operation					Installation housing		Plaster frame	
	LED		Controllable		A	B	C	Type A	Type B	Type C	Type D
24 092	15.7 W	1855 lm	DALI	565 lm · 3h	250	250	105	**10 490**	**13 542**	**10 090**	**13 529**
24 646	25.0 W	2910 lm	DALI	490 lm · 3h	300	300	110	**10 492**	**13 606**	**10 092**	**13 605**

We have a range of perfectly matched accessories available for the various installation situations.
During the planning phase, please have a look at the instructions for use for the installation housings available on our website.

Unshielded

Emergency lighting luminaire · Recessed luminaire for walls and staircases for flush or surface-mounted installation
Unshielded light

Protection class IP 65 · Cast aluminium · Safety glass · Power supply unit DALI controllable

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Tricoat ® · Graphite

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various
installation options on Page 45.

	Mains operation		Emergency operation					Installation housing		Plaster frame	
	LED		Controllable		A	B	C	Type A	Type B	Type C	Type D
24 093	11.8 W	830 lm	DALI	345 lm · 1 h	420	125	90	**10 437**	**13 523**	**10 037**	**13 507**

Asymmetrical

Emergency lighting luminaire · Recessed luminaire for walls and staircases for flush or surface-mounted installation
Asymmetrical light distribution

Protection class IP 65 · Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics® · Power supply unit DALI controllable

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Tricoat ® · Graphite

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various
installation options on Page 45.

	Mains operation		Emergency operation					Installation housing		Plaster frame	
	LED		Controllable		A	B	C	Type A	Type B	Type C	Type D
24 095	25.0 W	2205 lm	DALI	390 lm · 1 h	520	125	90	**10 438**	**13 524**	**10 038**	**13 508**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Emergency lighting luminaires

BEGA emergency lighting luminaires

LED emergency lighting luminaires with integrated single battery, for 3 hours
emergency operation in case of power failure in compliance with EN 60598-2-22.
BEGA emergency lighting luminaires with general illumination and emergency lighting
are designed for three operating modes:
Standby mode, continuous mode or continuous mode with external switch.
Built-in batteries with heating and thermostat for 3 hours of emergency operation.
Emergency lighting device with self-test function in the luminaire:
battery monitoring, function test and operating time test are carried out automatically.

Emergency lighting luminaires with single emergency lighting battery can be found at:
bega.com/emergency-lighting

Emergency lighting luminaire · Ceiling and wall luminaire

Protection class IP 65
Cast aluminium · Crystal glass, inside white
Power supply unit DALI controllable

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·

	Mains operation		Emergency operation				Mounting frames
	LED		Controllable		A	B	
24 390	28.5 W	2130 lm	DALI	320 lm · 3h	350	110	**13 637**

Emergency lighting luminaire · Ceiling and wall luminaire

Protection class IP 65
Cast aluminium · Crystal glass, inside white
Power supply unit DALI controllable
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·

	Mains operation		Emergency operation				Mounting frames
	LED		Controllable		A	B	
24 389	28.5 W	2650 lm	DALI	405 lm · 3h	350	105	**13 637**

Emergency lighting luminaire · Ceiling and wall luminaire

Protection class IP 65
Cast aluminium · Crystal glass, inside white
Power supply unit DALI controllable

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·

	Mains operation		Emergency operation			
	LED		Controllable		A	B
24 433	28.5 W	2610 lm	DALI	390 lm · 3h	350	95

Emergency lighting luminaire · Ceiling and wall luminaire

Protection class IP 65
Cast aluminium · Crystal glass, inside white
Power supply unit DALI controllable

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · C ·   B
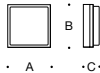
	Mains operation		Emergency operation				
	LED		Controllable		A	B	C
24 124	19.0 W	1110 lm	DALI	200 lm · 3h	260	260	90

Emergency lighting luminaire · Ceiling and wall luminaire

Protection class IP 65
Cast aluminium · Synthetic cover, inside white
on/off power supply unit
Colour temperature: 3000K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – Article number
Silver   – Article number +**A**

20-year availability guarantee for replacement parts and LED modules

· A ·   · B ·

	Mains operation		Emergency operation			Mounting frames
	LED		Controllable	A	B	
24 778	15.4 W	910 lm	on/off	260 lm · 3h	260	80	**13 636**

Emergency lighting luminaires · Ceiling and wall luminaires

Protection class IP 65
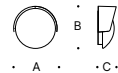Cast aluminium · Synthetic cover, inside white
on/off power supply units
Colour temperature: 3000K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – Article number
Silver   – Article number +**A**

20-year availability guarantee for replacement parts and LED modules

· A ·   · C ·
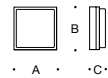
	Mains operation		Emergency operation			
	LED		Controllable	A	B	C
24 797	9.6 W	540 lm	on/off	250 lm · 3h	220	220	80
24 773	15.0 W	1165 lm	on/off	320 lm · 3h	270	270	80

Emergency lighting luminaire · Ceiling and wall luminaire

Protection class IP 65
Cast aluminium · Crystal glass, inside white
Power supply unit DALI controllable

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · C ·

	Mains operation		Emergency operation			
	LED		Controllable	A	B	C
24 118	20.3 W	1070 lm	DALI	235 lm · 3h	350	200	160

Emergency lighting luminaire · Wall luminaire
Directed light · Asymmetrical light distribution

Protection class IP 65
Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Power supply unit DALI controllable

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · C ·
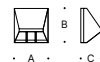
	Mains operation		Emergency operation			
	LED		Controllable	A	B	C
24 098	19.0 W	1430 lm	DALI	360 lm · 3h	280	280	150

Emergency lighting luminaire · Wall luminaire
Directed light · Asymmetrical light distribution

Protection class IP 65 · Cast aluminium · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics® · Power supply unit DALI controllable

This luminaire emits less than 1% of the light into the upper half-space of the luminaire.

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

· A ·   · C ·
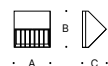
	Mains operation		Emergency operation			
	LED		Controllable	A	B	C
24 099	19.0 W	1465 lm	DALI	370 lm · 3h	280	280	175

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

The Collection BOOM

The Collection BOOM presents an exclusive selection of luminaires handcrafted from copper, cast bronze, brass, cast aluminium and hand-blown glass.
Stylish luminaires which impress not only by their high-quality materials and workmanship but also by their modern lighting technology. Carefully coordinated with a building's overall architecture, they help to complement sophisticated buildings and historical architecture.

The design and construction of many of our luminaires are reminiscent of the materials and processing techniques of past times and result in a distinctive product. Copper and cast bronze are among the oldest materials known to man. These materials are especially important to us because they are highly resistant to corrosion and sea-water, and very resistant to wear and tear.

Over time, the elements cause copper, cast bronze and brass to change their appearance. A distinctive patina forms on the surface. The result is a material with a uniquely aesthetic aura. Copper and bronze stand for durability and lasting value. They are timeless. Aluminium and cast aluminium parts are pre-treated and powder-coated with our BEGA Unidure® technology to fulfil the highest standards in weathering and light stability.

Recessed wall luminaires made of cast bronze
Shielded light

Protection class IP 65
Cast bronze and stainless steel · Safety glass
Luminaires without power supply unit, with on/off power supply unit or
DALI controllable power supply unit
BEGA Thermal Management®
A separate 24 V DC power supply unit is required to operate the luminaire 24082.
You will find suitable power supply units on Page 436.

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Shielded light
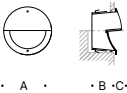
Shielded light							Install. housing	Plaster frame
	LED		PSU	A	B	C		
24 082	2.7 W	95 lm	without*	85	90	20	**10 415**	**10 015**
24 083	4.9 W	350 lm	on/off	150	100	30	**10 428**	**10 028**
24 084	9.0 W	535 lm	DALI	200	125	37	**10 429**	**10 029**

*Safety class III · Suitable 24 V DC power supply units can be found on Page 436

Wall luminaires
Shielded light

Protection class IP 64
Aluminium and stainless steel · Hand-blown crystal bubble glass with thread

We can supply the luminaires with socket E 14 or E 27
including matching LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434.

These luminaires emit less than 1% of the light into
the upper half-space of the luminaires.

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze   – article number + **B**

20-year availability guarantee for replacements

	LED lamp included		Socket	A	B	C
31 196	1 × 4.0 W	60 lm	E 14	135	185	120
31 197	1 × 7.0 W	105 lm	E 27	155	220	145

Wall luminaires
Shielded light

Protection class IP 65
Cast aluminium, cast stainless steel and brass
Crystal glass, inside white
Phase-dimmable BEGA AC module
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze   – article number + **B**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
31 051	14.0 W	435 lm	phase-dimmable	310	110	85

Wall luminaires
Unshielded light

Protection class IP 44
Cast aluminium · Hand-blown opal glass with thread

We can supply the luminaires with socket E 27
Including matching LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze   – article number + **B**

20-year availability guarantee for replacements

	LED lamp included		Socket	A	B	C	D
31 035	1 × 7.0 W	255 lm	E 27	200	185	220	80
31 039	1 × 12.0 W	420 lm	E 27	260	245	270	110

Wall luminaires
Shielded light

Protection class IP 65
Cast aluminium · Hand-blown opal glass
BEGA Ultimate Driver® · on/off or DALI controllable
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze   – article number + **B**

20-year availability guarantee for replacements and LED modules

	LED		Controllable	A	B	C
31 053	9.0 W	815 lm	on/off	270	260	110
31 054	16.3 W	1310 lm	DALI	320	310	135

Wall luminaires
Shielded on one side

Protection class IP 65
Cast aluminium · Crystal glass, inside white

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze   – article number + **B**

20-year availability guarantee for replacements
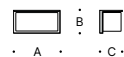
	LED lamp included		Socket	A	B	C
33 483	1 × 7.0 W	370 lm	E 27	260	125	120
33 485	1 × 12.0 W	630 lm	E 27	300	140	130

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Ceiling, wall and pillar luminaires

Protection class IP 65
Cast aluminium · Hand-blown opal glass with thread

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze   – article number + **B**

20-year availability guarantee for replacements

	LED lamp included		Socket	A	B	C
44 568	1 × 7.0 W	690 lm	E 27	200	250	110
44 668	1 × 8.0 W	905 lm	E 27	250	305	110
44 769	1 × 12.0 W	1205 lm	E 27	300	350	120

Wall luminaires

Protection class IP 44
Cast aluminium · Hand-blown opal glass

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze   – article number + **B**

20-year availability guarantee for replacements
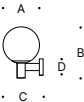
	LED lamp included		Socket	A	B	C	D
55 453	1 × 7.0 W	665 lm	E 27	210	300	240	110
55 454	1 × 8.0 W	905 lm	E 27	250	350	285	110
66 165	1 × 12.0 W	1160 lm	E 27	350	480	410	130
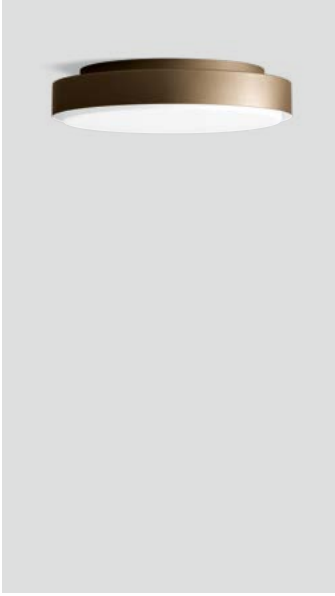
Ceiling and wall luminaires with additional light emission upwards

Protection class IP 65
Cast aluminium · Satin-matt opal glass
on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour temperature adjustable to 3000 K or 4000 K

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze   – article number + **B**

20-year availability guarantee for replacement parts and LED modules
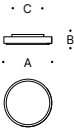
	LED		Controllable	A	B	C
24 042	9.0 W	800 lm	on/off	270	70	205
24 043	15.4 W	1760 lm	DALI	325	90	250
24 044	30.8 W	3185 lm	DALI	390	100	300

Wall luminaires

Protection class IP 65
Cast aluminium · Borosilicate glass and white synthetic cover
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze – article number + **B**

20-year availability guarantee for replacement parts and LED modules
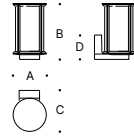
Round · **Synthetic cover top and bottom** · Fig. right						
	LED		Controllable	A	B	C	D
31 076	9.0 W	820 lm	on/off	165	275	200	120 × 100

Round · **Cylindrical synthetic cover throughout** · Fig. left						
	LED		Controllable	A	B	C	D
31 071	10.8 W	895 lm	on/off	165	275	200	120 × 100

Wall luminaires

Protection class IP 65
Cast aluminium · Safety glass and white synthetic cover
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze – article number + **B**

20-year availability guarantee for replacement parts and LED modules
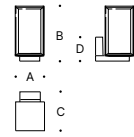
Rectangular · **Synthetic cover top and bottom** · Fig. right						
	LED		Controllable	A	B	C	D
31 079	9.0 W	810 lm	on/off	145 × 145	275	195	120 × 100

Rectangular · **Cylindrical synthetic cover throughout** · Fig. left						
	LED		Controllable	A	B	C	D
31 072	10.8 W	915 lm	on/off	145 × 145	275	195	120 × 100

Wall luminaires with decorative rear panel

Protection class IP 65
Cast aluminium · Safety glass and white synthetic cover
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze – article number + **B**

20-year availability guarantee for replacement parts and LED modules
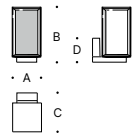
Rectangular · **Synthetic cover top and bottom** · Fig. right						
	LED		Controllable	A	B	C	D
31 081	9.0 W	690 lm	on/off	145 × 145	275	195	120 × 100

Rectangular · **Cylindrical synthetic cover throughout** · Fig. left						
	LED		Controllable	A	B	C	D
31 080	10.8 W	775 lm	on/off	145 × 145	275	195	120 × 100

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Lantern
Hand-blown crystal glass and copper
In a gift box, including candle

		Ø	Height
• **31 500**	Lantern	80	150

Wall luminaire made of copper
Shielded light

Protection class IP 44
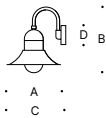Copper · Hand-blown opal glass
The luminaires have stainless steel support points on the installation surface.

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacements
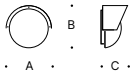
	LED lamp included		Socket	A	B	C
31 470	1 × 7.0 W	370 lm	E 27	240	235	140

Wall luminaires made of copper
Two-sided light emission

Protection class IP 64
Copper and brass · Hand-blown crystal bubble glass with thread
The luminaires have stainless steel support points on the installation surface.

We supply the E 14 or E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacements
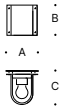
	LED lamp included		Socket	A	B	C
31 206	1 × 4.0 W	160 lm	E 14	120	120	170
31 207	1 × 7.0 W	300 lm	E 27	160	160	200
31 208	1 × 8.0 W	320 lm	E 27	190	190	220

Wall luminaires made of copper
Two-sided light emission

Protection class IP 54
Copper and brass · Hand-blown opal glass
The luminaires have stainless steel support points on the installation surface.

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacements

	LED lamp included		Socket	A	B	C
• **31 453**	1 × 7.0 W	315 lm	E 27	300	100	130
• **31 455**	2 × 7.0 W	550 lm	E 27	400	100	110

• No longer included in the current catalogue

Wall luminaires made of copper

Protection class IP 44
Copper and cast brass · Hand-blown opal glass with thread
The luminaires are fixed to the mounting surface by a stainless steel mounting plate.

Luminaires with LED module: BEGA Ultimate Driver® · on/off
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C	D
31 058	4.1 W	305 lm	on/off	180	165	200	90
31 060	5.0 W	410 lm	on/off	260	205	280	110
	LED lamp included		Socket				
31 263	1 × 7.0 W	280 lm	E 27	260	205	280	110

Wall luminaires made of copper

Protection class IP 44
Copper and cast brass · Hand-blown opal glass with thread
The luminaires are fixed to the mounting surface by a stainless steel mounting plate.

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacements

	LED lamp included		Socket	A	B	C	D
31 472	1 × 7.0 W	140 lm	E 27	210	185	245	110
31 473	1 × 8.0 W	190 lm	E 27	250	225	285	110

Pendant luminaires made of copper

Protection class IP 44 · Canopy IP 20
Copper · Hand-blown opal glass with thread

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacements
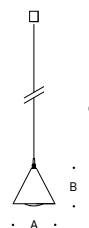
	LED lamp included		Socket	A	B	C
31 073	1 × 8.0 W	220 lm	E 27	250	225	1500

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Wall luminaires

Protection class IP 44
Cast aluminium · Hand-blown opal glass with thread

Luminaires with LED module: BEGA Ultimate Driver® · on/off
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C	D
66 411	10.0 W	910 lm	on/off	320	380	345	110
	LED lamp included		Socket				
66 491	1 × 12.0 W	810 lm	E 27	320	380	345	110

Wall luminaires

Protection class IP 44
Cast aluminium · Hand-blown opal glass with thread

Luminaires with LED module: BEGA Ultimate Driver® · on/off
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
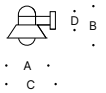
	LED		Controllable	A	B	C	D
66 410	10.0 W	830 lm	on/off	260	255	310	110
	LED lamp included		Socket				
66 290	1 × 12.0 W	685 lm	E 27	260	255	310	110

"Schaffhausen"
Wall luminaire

Protection class IP 65
Cast aluminium · Clear synthetic cover with optical texture
Reflector made of pure anodised aluminium
BEGA Ultimate Driver® · DALI controllable
BEGA Thermal Management®

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
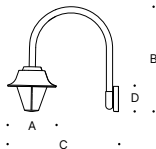
	LED		Controllable	A	B	C	D
31 033	38.5 W	4740 lm	DALI	330	710	760	170

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

285

"Strasbourg"
Wall luminaire for near-wall installation

Protection class IP 44
Cast aluminium · Safety glass with diffuser structure
The luminaires are fixed to the mounting surface by a stainless steel mounting plate.

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements
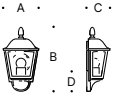
	LED lamp included		Socket	A	B	C	D
31 430	1 × 7.0 W	335 lm	E 27	215	375	145	110

"Strasbourg"
Wall luminaires with wall arm

Protection class IP 44 · Cast aluminium · Crystal bubble glass

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements
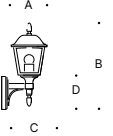
	LED lamp included		Socket	A	B	C	D
31 426	1 × 7.0 W	360 lm	E 27	170	355	230	Ø 110
31 428	1 × 7.0 W	460 lm	E 27	215	520	275	110×200

"Bruges"
Wall luminaire for near-wall installation

Protection class IP 44
Cast aluminium · Safety glass with diffuser structure
The luminaires are fixed to the mounting surface by a stainless steel mounting plate.

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements
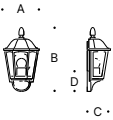
	LED lamp included		Socket	A	B	C	D
31 435	1 × 7.0 W	370 lm	E 27	215	380	130	110

"Bruges"
Wall luminaire with wall arm

Protection class IP 44 · Cast aluminium · Hand-blown crystal bubble glass

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements
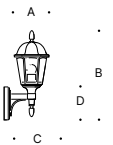
	LED lamp included		Socket	A	B	C	D
31 415	1 × 7.0 W	475 lm	E 27	210	540	270	110×200

31 431

"Rome"
Wall luminaires

31 025 Protection class IP 23
Cast aluminium · Safety glass with diffuser structure

31 431 Protection class IP 44
Cast aluminium · Hand-blown crystal bubble glass

Opal glass inner globe

Luminaires with LED module: on/off power supply units
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules
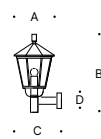
	LED		Controllable	A	B	C	D
31 025	14.3 W	610 lm	on/off	340	665	400	130
	LED lamp included		Socket				
31 431	1 × 7.0 W	440 lm	E 27	210	385	260	110

31 027 · 31 410

"Berlin"
Wall luminaires

Protection class IP 23
Cast aluminium · Safety glass with diffuser structure · Inner globe made of opal glass

Luminaires with LED module: on/off power supply units
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

The LED luminaires on this page come with an inner sphere made of opal glass. The light from the LED is pleasantly and uniformly distributed by the opal glass.
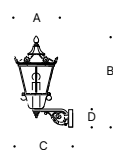
	LED		Controllable	A	B	C	D
31 027	5.0 W	355 lm	on/off	260	565	320	110
31 028	14.3 W	695 lm	on/off	365	800	475	150
	LED lamp included		Socket				
31 410	1 × 12.0 W	650 lm	E 27	260	565	320	110

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
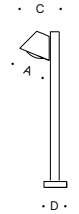
"Strasbourg"
Pillar luminaire

Protection class IP 44
Cast aluminium · Crystal bubble glass

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
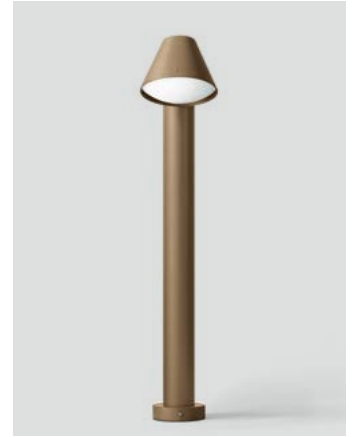Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements

· A ·
B
· C ·

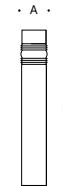|	LED lamp included		Socket	A	B	C
31 552	1 × 7.0 W	460 lm	E 27	215	730	150

"Bruges"
Pillar luminaire

Protection class IP 44
Cast aluminium · Crystal bubble glass

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements

· A ·
B
· C ·
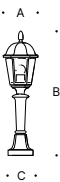
	LED lamp included		Socket	A	B	C
31 559	1 × 7.0 W	475 lm	E 27	210	750	150

31553

"Rome"
Pillar luminaires

31026 Protection class IP 23
Cast aluminium · Safety glass with diffuser structure

31553 Protection class IP 44
Cast aluminium · Crystal bubble glass

Opal glass inner globe

Luminaires with LED module: on/off power supply units
BEGA Thermal Management®
Colour temperature: 3000K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
31 026	14.3 W	610 lm	on/off	340	830	180
	LED lamp included		Socket	A	B	C
31 553	1 × 7.0 W	440 lm	E 27	210	510	130

"Berlin"
Pillar luminaires

Protection class IP 23
Cast aluminium · Safety glass with diffuser structure

Opal glass inner globe

Luminaires with LED module: On/off power supply units · BEGA Thermal Management®
Colour temperature: 3000K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

31030 · 31688

	LED		Controllable	A	B	C
31 030	5.0 W	355 lm	on/off	260	640	130
31 031	14.3 W	695 lm	on/off	365	950	150
	LED lamp included		Socket	A	B	C
31 688	1 × 12.0 W	650 lm	E 27	260	640	130

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Garden luminaire made of copper

Protection class IP 44
Copper · Base plate made of cast bronze · Opal glass with thread

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

This BEGA garden luminaire is equipped with an adjustable mounting system. It can be
bolted onto a foundation to be created on site as well as onto a BEGA anchorage unit.
Anchorage units are accessories and need to be ordered separately.
For more information about BEGA anchorage units, see Page 447.

20-year availability guarantee for replacements
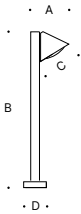
	LED lamp included		Socket	Connection	A	B	C	D		Anch. unit
84 072	1 × 7.0 W	250 lm	E 27	Terminals 3 × 4□	270	1000	205	150		**70 895**

Garden luminaires made of copper

84 071 Protection class IP 44
Copper · Base plate made of cast bronze · Opal glass with thread

84 074 Protection class IP 64
Copper · Base plate made of cast bronze · Crystal bubble glass with thread

These luminaires emit less than 1 % of the light into the upper half-space of the luminaires.

We supply the E 14 and E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434.

These BEGA garden luminaires are equipped with an adjustable mounting system. It can be bolted
onto a foundation to be created on site as well as onto a BEGA anchorage unit. Anchorage units
are accessories and need to be ordered separately.
For more information about BEGA anchorage units, see Page 447.

20-year availability guarantee for replacements
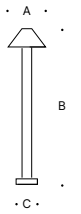
	LED lamp included		Socket	Connection	A	B	C	Anch. unit
84 071	1 × 4.0 W	205 lm	E 14	Terminals 3 × 4□	220	950	130	**70 894**
84 074	1 × 7.0 W	350 lm	E 27	Terminals 3 × 4□	300	970	150	**70 895**

DarkSky

The luminaires in our **Dark Sky**
range direct their light onto the
surface to be illuminated with high
efficiency, while emitting less than
1 % of their luminaire luminous flux
into the upper half-space of the
luminaire.

bega.com/darksky

Garden luminaire

Protection class IP 64
Cast aluminium · Opal glass with thread

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

This BEGA garden luminaire is equipped with an adjustable mounting system. It can be bolted onto a foundation to be created on site as well as onto a BEGA anchorage unit. Anchorage units are accessories and need to be ordered separately.
For more information about BEGA anchorage units, see Page 447.

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze – article number + **B**

20-year availability guarantee for replacements

	LED lamp included		Socket	Connection	A	B	C	D		Anch. unit
84 073	1 × 7.0 W	255 lm	E 27	Terminals 3 × 4▢	200	990	270	140		**70 895**

Bollards

Protection class IP 55
Cast aluminium · Cylindrical lens made of crystal glass

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

These BEGA bollards are equipped with an adjustable mounting system. It can be bolted onto a foundation to be created on site as well as onto a BEGA anchorage unit. Anchorage units are accessories and need to be ordered separately.
For more information about BEGA anchorage units, see Page 447.

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze – article number + **B**

20-year availability guarantee for replacements

	LED lamp included		Socket	Connection	A	B		Anch. unit
84 080	1 × 8.0 W	750 lm	E 27	Terminals 3 × 4▢	140	810		**70 894**
88 632	1 × 12.0 W	900 lm	E 27	70 632	165	990		**70 895**

Bollard
Shielded light

Protection class IP 65
Cast aluminium · Borosilicate glass
Reflector made of pure anodised aluminium
on/off power supply units · BEGA Thermal Management®

This BEGA bollard is equipped with an alignable mounting system. It can either be bolted onto an existing foundation or a BEGA anchorage unit. Anchorage units are accessories and need to be ordered separately.
For more information about BEGA anchorage units, see Page 447.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze – article number + **B**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	Connection box	A	B	C		Anch. unit
77 762	13.6 W	425 lm	on/off	70 632	165	860	220		**70 896**

Garden luminaire
Shielded light

Protection class IP 64
Cast aluminium · Crystal bubble glass

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

This BEGA garden luminaire is equipped with an adjustable mounting system. It can be bolted onto a foundation to be created on site as well as onto a BEGA anchorage unit. Anchorage units are accessories and need to be ordered separately.
For more information about BEGA anchorage units, see Page 447.

Luminaire colour · BEGA Unidure®
Graphite – article number
Bronze – article number + **B**

20-year availability guarantee for replacements

	LED lamp included		Socket	Connection	A	B	C	D		Anch. unit
84 075	1 × 7.0 W	80 lm	E 27	Terminals 5 × 2.5▢	160	1000	210	160		**70 895**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

DarkSky
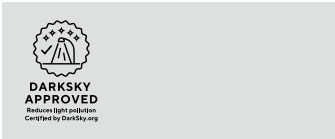
"Montpellier"
Pole-top luminaires optionally with Zhaga interface
Symmetrical or asymmetrical flat beam light distribution

Protection class IP 65 · Safety class II
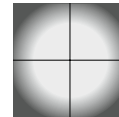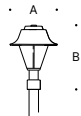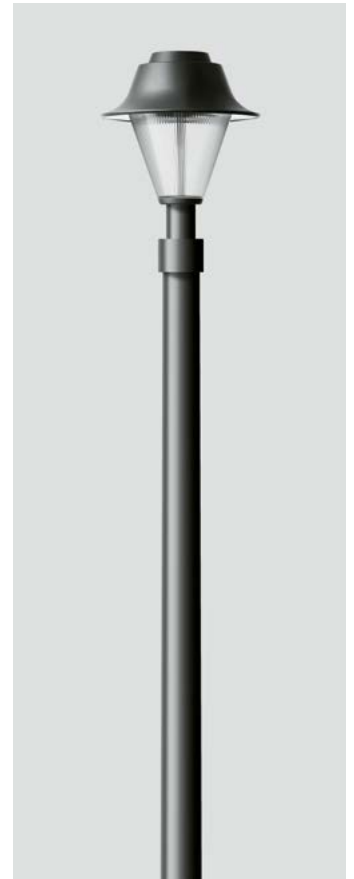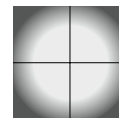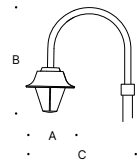Cast aluminium · Clear synthetic cover with optical texture
Reflector made of pure anodised aluminium
BEGA Ultimate Driver® · BEGA Thermal Management®
These luminaires emit less than 1 % of the light into the upper half-space of the luminaires.

The luminaires 85 195 and 85 197 are DALI controllable. Power reduction accessories for luminaires with a DALI interface can be found on Page 433.

The luminaires 85 196 and 85 198 come equipped with one Zhaga interface as per Zhaga Book 18 Ed. 3.0.
The Zhaga module shown is not included in the scope of delivery.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. The complete overview and technical data of all BEGA luminaire poles can be found on Pages 296 to 307.
For more information about BEGA connection boxes and anchorage units, see Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Symmetrical

Asymmetrical flat beam

Luminaires with Zhaga interface
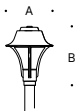
Symmetrical light distribution						Luminaire poles		
	LED		Controllable	A	B	Pole heights	Top	Groups
85 195	38.5 W	3590 lm	DALI	325	380	3500–5000	Ø 76	13 · 14 · 33 · 34
85 196	40.0 W	3590 lm	Zhaga	325	380	3500–5000	Ø 76	13 · 14 · 33 · 34

Asymmetrical flat beam light distribution						Luminaire poles		
	LED		Controllable	A	B	Pole heights	Top	Groups
85 197	38.5 W	3545 lm	DALI	325	380	3500–5000	Ø 76	13 · 14 · 33 · 34
85 198	40.0 W	3545 lm	Zhaga	325	380	3500–5000	Ø 76	13 · 14 · 33 · 34

DARKSKY APPROVED
Reduces light pollution
Certified by DarkSky.org

DarkSky

The luminaires in our **Dark Sky** range direct their light onto the surface to be illuminated with high efficiency, while emitting less than 1 % of their luminaire luminous flux into the upper half-space of the luminaire.

bega.com/darksky

Luminaires with **interface Zhaga Book 18 Ed. 3.0** enable the integration of motion and light sensors as well as communication modules.

You will find suitable components on Page 427.

"Schaffhausen"
Pole-top luminaires

Protection class IP 65
Cast aluminium · Clear synthetic cover with optical texture
Reflector made of pure anodised aluminium
BEGA Ultimate Driver ® · DALI controllable
BEGA Thermal Management ®

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. The complete overview and technical data of all BEGA luminaire poles can be found on Pages 296 to 307.
For more information about BEGA connection boxes and anchorage units, see Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Symmetrical

Asymmetrical flat beam

Symmetrical light distribution						**Luminaire poles**		
	LED		Controllable	A	B	Pole heights	Top	Groups
84 057	38.5 W	4350 lm	DALI	330	450	3500–5000	Ø76	13 · 14 · 33 · 34

Asymmetrical flat beam light distribution						**Luminaire poles**		
	LED		Controllable	A	B	Pole heights	Top	Groups
84 058	38.5 W	4470 lm	DALI	330	450	3500–5000	Ø76	13 · 14 · 33 · 34

"Schaffhausen"
Pole-top luminaires with tube bow

Protection class IP 65
Cast aluminium · Clear synthetic cover with optical texture
Reflector made of pure anodised aluminium
BEGA Ultimate Driver ® · DALI controllable
BEGA Thermal Management ®

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. The complete overview and technical data of all BEGA luminaire poles can be found on Pages 296 to 307.
For more information about BEGA connection boxes and anchorage units, see Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Symmetrical

Asymmetrical flat beam

Symmetrical light distribution							**Luminaire poles**		
	LED		Controllable	A	B	C	Pole heights	Top	Groups
84 059	38.5 W	4580 lm	DALI	330	710	740	3500–5000	Ø76	13 · 14 · 33 · 34

Asymmetrical flat beam light distribution							**Luminaire poles**		
	LED		Controllable	A	B	C	Pole heights	Top	Groups
84 060	38.5 W	4740 lm	DALI	330	710	740	3500–5000	Ø76	13 · 14 · 33 · 34

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management ® are readily available in the instructions for use and data sheets on our website.

"Strasbourg"
Pole-top luminaires

Protection class IP 44 · 84046 Protection class IP 65
Cast aluminium · Crystal bubble glass · Inner globe made of opal glass
Luminaires with LED module: on/off power supply units
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
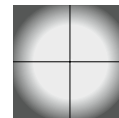Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and
statics match the pole-top luminaires in this series. The complete overview and technical data of
all BEGA luminaire poles can be found on Pages 296 to 307.
For more information about BEGA connection boxes and anchorage units, see Pages 447 to 449.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

The LED luminaires on this
page come with an inner
sphere made of opal glass.
The light from the LED is
pleasantly and uniformly
distributed by the opal glass.

· A ·

B

Symmetrical light distribution						Luminaire poles		
	LED		Controllable	A	B	Pole heights	Top	Groups
84 045	14.3 W	585 lm	on/off	260	555	2000	Ø 60	47·48·49
84 046	13.6 W	1005 lm	on/off	400	840	2500–3000	Ø 76	44·47
	LED lamp included		Socket					
84 047	1 × 7.0 W	460 lm	E 27	215	430	2000	Ø 60	47·48·49

"Bruges"
Pole-top luminaires

Protection class IP 44
Cast aluminium
84050 Crystal bubble glass · 84048 · 84049 Safety glass with diffuser structure
Opal glass inner globe

Luminaires with LED module: on/off power supply units
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and
statics match the pole-top luminaires in this series. The complete overview and technical data of
all BEGA luminaire poles can be found on Pages 296 to 307.
For more information about BEGA connection boxes and anchorage units, see Pages 447 to 449.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Symmetrical

· A ·

B

Symmetrical light distribution						Luminaire poles		
	LED		Controllable	A	B	Pole heights	Top	Groups
84 048	14.3 W	565 lm	on/off	280	580	2000	Ø 60	47·48·49
84 049	13.6 W	805 lm	on/off	430	895	3000–3500	Ø 76	44·47·48
	LED lamp included		Socket					
84 050	1 × 7.0 W	475 lm	E 27	210	445	2000	Ø 60	47·48·49

"Rome"
Pole-top luminaires

84 051 Protection class IP 23 · 84 052 Protection class IP 44
Cast aluminium · Safety glass with diffuser structure
Opal glass inner globe
On/off power supply units · BEGA Thermal Management®

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and
statics match the pole-top luminaires in this series. The complete overview and technical data of
all BEGA luminaire poles can be found on Pages 296 to 307.
For more information about BEGA connection boxes and anchorage units, see Pages 447 to 449.

Colour temperature: 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Symmetrical

· A ·

B
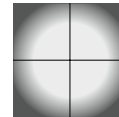
Symmetrical light distribution						Luminaire poles		
	LED		Controllable	A	B	Pole heights	Top	Groups
84 051	14.3 W	610 lm	on/off	340	590	2000	Ø 60	47·48·49
84 052	13.6 W	930 lm	on/off	470	900	3500	Ø 76	47· 48
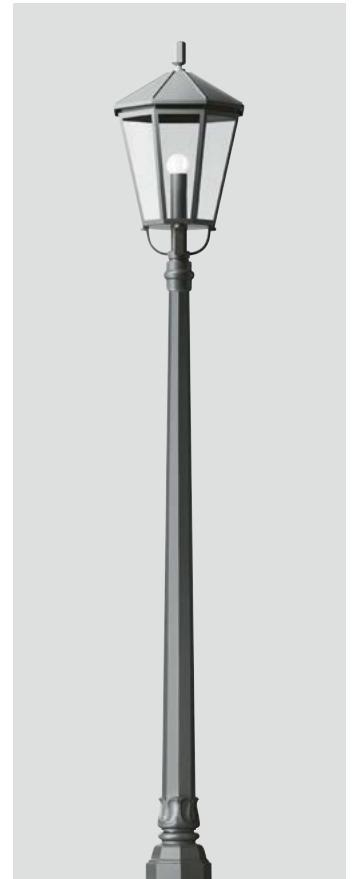
"Berlin"
Pole-top luminaires

Protection class IP 23 · 84 055 Protection class IP 44
Cast aluminium · Safety glass with diffuser structure
Opal glass inner globe

Luminaires with LED module: on/off power supply units
BEGA Thermal Management®
Colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and
statics match the pole-top luminaires in this series. The complete overview and technical data of
all BEGA luminaire poles can be found on Pages 296 to 307.
For more information about BEGA connection boxes and anchorage units, see Pages 447 to 449.

Luminaire colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacement parts and LED modules

Symmetrical

· A ·

B

Symmetrical light distribution						Luminaire poles		
	LED		Controllable	A	B	Pole heights	Top	Groups
84 053	5.0 W	355 lm	on/off	260	510	2000	Ø 60	47·48·49
84 054	14.3 W	695 lm	on/off	365	710	2000	Ø 60	47·48·49
84 055	13.6 W	980 lm	on/off	525	1070	3000–3500	Ø 76	44·47·48
	LED lamp included		Socket					
84 056	1 × 12.0 W	650 lm	E 27	260	510	2000	Ø 60	47·48·49
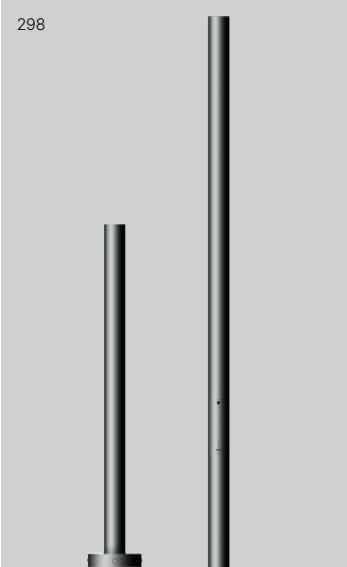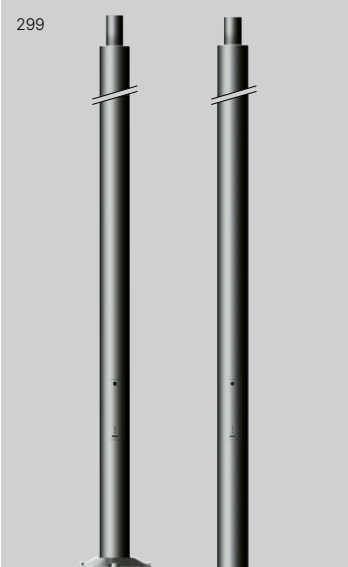
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

BEGA luminaire poles · Overview

Luminaire poles for our pole-top luminaires are available in a wide variety of materials and styles and meet the highest standards for weather-resistance and light stability worldwide.
The right composition between luminaire pole and pole-top luminaire depends on the desired mounting height, the matching top diameter and your personal taste.

We recommend a harmonious design combination on the pages featuring pole-top luminaires. We supply poles in the same colour as the ordered luminaires. On request, you can also obtain luminaire poles with RAL texture and DB colours.
Additional technical information, particularly structural specifications, can be found in the product data sheets on our website.

Aluminium luminaire poles with painted finish

Page	298	299	300

	Cylindrical aluminium luminaire poles		Cylindrical aluminium luminaire poles with stepped pole top		Cylindrical aluminium luminaire poles with stepped pole base	
Installation option	Base plate	Anchorage section	Base plate	Anchorage section	Base plate	Anchorage section
Pole top diameter	Ø 48 · 60 mm	Ø 48 · 60 · 82 · 100 · 120 mm	Ø 60 · 76 mm	Ø 60 · 76 · 82 mm	Ø 76 mm	Ø 76 mm
Pole height	1000–2000 mm	600–4500 mm	2000–5000 mm	2000–5000 mm	4000–6000 mm	4000–6000 mm
Group	11	31	12	32	13	33

Aluminium luminaire poles with painted finish · Wood-aluminium luminaire poles

Page	301	302	303

	Conical aluminium luminaire poles		Cylindrical aluminium luminaire poles with charging unit for electric vehicles and stepped pole top		Cylindrical Wood-aluminium luminaire poles with stepped pole top and conical wood-aluminium luminaire poles	
Installation option	Base plate	Anchorage section	Base plate	Anchorage section	Base plate	
Pole top diameter	Ø 60 · 76 mm	Ø 60 · 76 mm	Ø 76 mm	Ø 76 mm	Ø 76 mm	
Pole height	2500–5000 mm	2500–8000 mm	5000 mm	5000 mm	4000–6000 mm	
Group	14	34	18	35	16 · 17	

BEGA luminaire poles are available with two different mounting systems. In the system with a base plate, the pole is mounted on an on-site foundation or on a separate anchorage section that was previously anchored in the ground.

In the system with the anchorage section on the other hand, the bottom section of the pole is anchored directly into the ground. For both systems, the structural conditions must be considered.

Steel luminaire poles, hot-dip galvanised

Page	304		305	
	Conical and cylindrical steel luminaire poles with stepped pole base, hot-dip galvanised and seamless welded		**Conical and cylindrical steel luminaire poles with stepped pole base, hot-dip galvanised with painted finish**	
Installation option	Anchorage section	Anchorage section	Anchorage section	Anchorage section
Pole top diameter	Ø 60 · 76 mm	Ø 76 mm	Ø 60 · 76 mm	Ø 76 mm
Pole height	2500–9000 mm	4000–6000 mm	2500–9000 mm	4000–6000 mm
Group	62	63	72	73

Decorative aluminium luminaire poles with painted finish · Copper luminaire poles

Page	306	306	307	307	307	306
	Aluminium luminaire poles	**Aluminium luminaire poles**	**Aluminium luminaire poles**	**Aluminium luminaire poles**	**Aluminium luminaire poles**	**Copper luminaire poles with base plate made of cast bronze**
Installation option	Base plate	Base plate	Base plate	Base plate	Base plate	Base plate
Pole top diameter	Ø 60 mm	Ø 60 mm	Ø 76 mm	Ø 60 · 76 mm	Ø 60 · 76 mm	Ø 60 mm
Pole height	1400 mm	2000 mm	2500 · 3000 mm	2000–3500 mm	2000 · 3500 mm	1700 · 2000 mm
Group	41	49	44	47	48	40

Cylindrical aluminium luminaire poles with base plate
in accordance with DIN EN 40
with painted finish

Luminaire poles with base plate are mounted on a foundation or anchorage unit.

We supply all luminaire poles in the colour of the luminaires ordered. If no colour is specified, we deliver the poles in the colour graphite. All standard colours feature our BEGA Unidure® coating technology and meet the highest global standards of weathering and light stability.
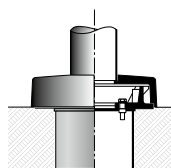
On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

20-year availability guarantee for replacements

Group 11

Cylindrical aluminium luminaire poles · Mounting system 1							Anch. unit
Pole	H	d	Ø	D	kg	Connection box	
70 790	1000	**48**	48	165	3.0	without door	**70 895**
70 992	1700	**48**	48	165	3.0	without door	**70 895**
70 997	1000	**60**	60	165	4.0	without door	**70 895**
70 793	1500	**60**	60	165	4.0	without door	**70 895**
70 994	2000	**60**	60	165	7.0	without door	**70 895**
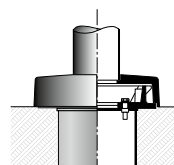
Mounting system 1
The mounting plate is bolted onto an anchorage unit or foundation. The luminaire pole with base plate is placed on the mounting plate and bolted in **horizontal** position with lateral stainless steel bolts.

Cylindrical aluminium luminaire poles with anchorage section
in accordance with DIN EN 40
with painted finish

These luminaire poles with door are equipped with a C-clamp to accommodate a connection box and a PE conductor connection. Matching connection boxes for each application are listed in the table. For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in the colour of the luminaires ordered. If no colour is specified, we deliver the poles in the colour graphite. All standard colours feature our BEGA Unidure® coating technology and meet the highest global standards of weathering and light stability.
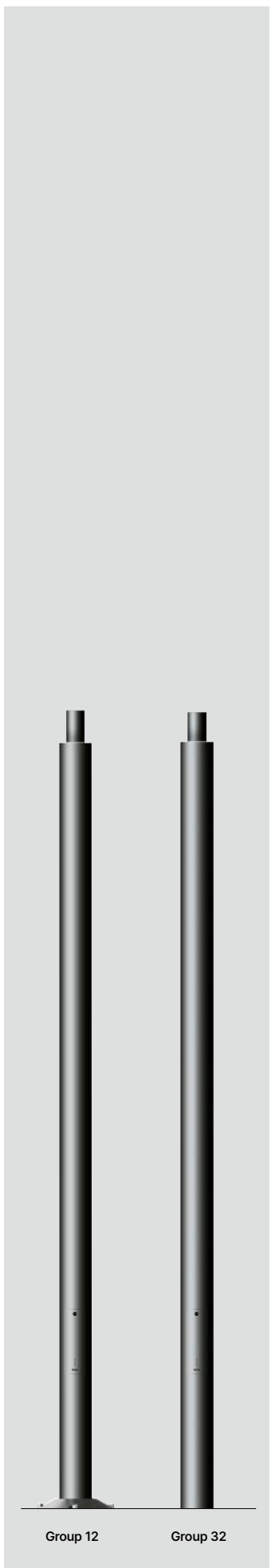
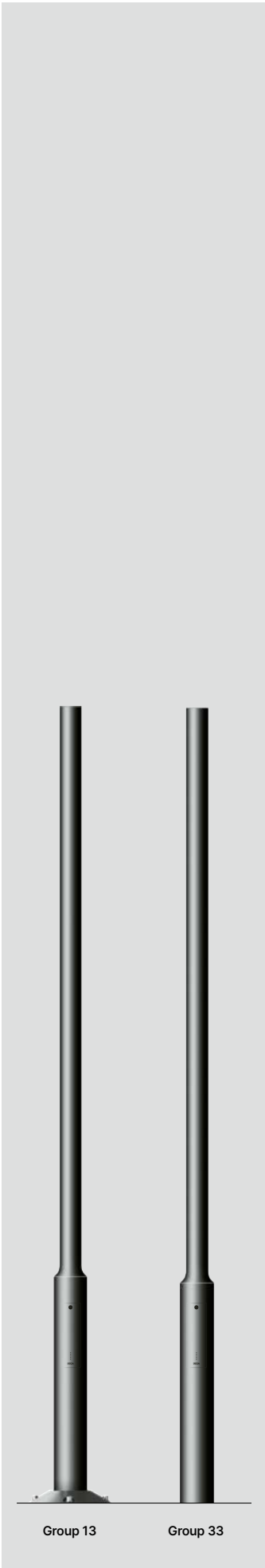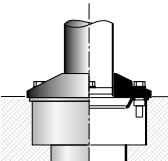On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

20-year availability guarantee for replacements

Group 31

Cylindrical aluminium luminaire poles						
Pole	H	d	Ø	E	kg	Connection box
70 934	600	**48**	48	400	2.0	without door
70 938	1700	**48**	48	400	4.0	without door
70 941	1000	**60**	60	400	3.0	without door
70 943	2000	**60**	60	500	6.0	without door
70 945	2000	**82**	82	500	7.0	A
70 954	2500	**82**	82	500	8.0	A
70 958	3000	**100**	100	500	12.0	A
70 959	3500	**100**	100	600	14.5	A
70 960	4000	**100**	100	600	14.5	A
70 957	3000	**120**	120	500	15.0	B · C
70 965	3500	**120**	120	600	17.5	B · C
70 974	4000	**120**	120	600	19.5	B · C
70 989	4500	**120**	120	800	21.5	B · C

Group 11   Group 31

**Cylindrical aluminium luminaire poles with base plate and stepped pole top
in accordance with DIN EN 40
with painted finish**

We offer two mounting systems for mounting the luminaire poles with base plate to a foundation
or anchorage unit. Each pole group is assigned the corresponding mounting system.

These luminaire poles with door are equipped with a C-clamp to accommodate a connection box and
a PE conductor connection. Matching connection boxes for each application are listed in the table.
For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in the colour of the luminaires ordered. If no colour is specified, we deliver
the poles in the colour graphite. All standard colours feature our BEGA Unidure® coating technology and
meet the highest global standards of weathering and light stability.

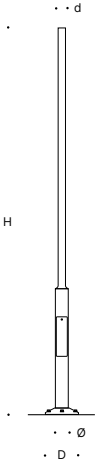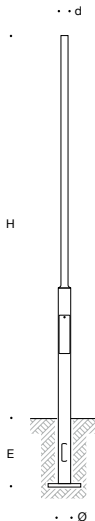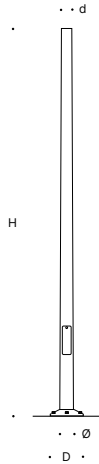On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

20-year availability guarantee for replacements

Group 12

Cylindrical aluminium luminaire poles · Mounting system 1								
Pole	H	d	h	Ø	D	kg	Connection box	Anch. unit
70 907	2000	60	90	82	220	10.0	A	70 896
70 908	2000	60	100	100	220	11.0	A	70 896
70 722	2500	60	90	82	220	12.0	A	70 896
70 723	3000	60	90	82	220	14.0	A	70 896
70 930	3000	60	45	120	300	17.5	B · C	70 897

Cylindrical aluminium luminaire poles · Mounting system 2								
Pole	H	d	h	Ø	D	kg	Connection box	Anch. unit
70 732	3500	76	130	135	340	21.5	B · C	70 899
70 729	3500	76	80	135	340	21.5	B · C	70 899
70 733	4000	76	130	135	340	31.5	B · C	70 899
70 728	4000	76	80	135	340	24.5	B · C	70 899
70 731	4000	76	100	170	360	48.5	B · C	70 899
70 734	5000	76	100	170	360	55.0	B · C	70 899

Mounting system 1
The mounting plate is
bolted onto an anchorage
unit or foundation.
The luminaire pole with
base plate is placed on the
mounting plate and bolted
in **horizontal** position with
lateral stainless steel bolts.

Mounting system 2
The luminaire pole is
bolted **directly** onto a
foundation or anchorage
unit via its base plate.
For an installation on a
foundation, the fastening
bolts must be provided
by the customer.

**Cylindrical aluminium luminaire poles with anchorage section and stepped pole top
in accordance with DIN EN 40
with painted finish**

These luminaire poles with door are equipped with a C-clamp to accommodate a connection box and
a PE conductor connection. Matching connection boxes for each application are listed in the table.
For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in the colour of the luminaires ordered. If no colour is specified, we deliver
the poles in the colour graphite. All standard colours feature our BEGA Unidure® coating technology and
meet the highest global standards of weathering and light stability.

On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

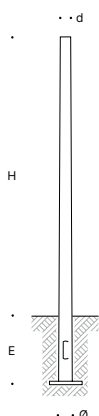20-year availability guarantee for replacements

Group 32

Cylindrical aluminium luminaire poles							
Pole	H	d	h	Ø	E	kg	Connection box
70 740	2000	60	90	82	500	7.0	A
70 741	2500	60	90	82	500	9.0	A
70 752	3000	60	90	82	500	9.0	A
70 906	3500	76	130	135	800	19.5	B · C
70 739	3500	76	80	135	800	21.5	B · C
70 742	4000	76	130	135	800	22.5	B · C
70 738	4000	76	80	135	800	22.5	B · C
70 737	4000	76	100	170	800	32.5	B · C
70 743	4500	76	130	135	800	26.5	B · C
70 736	4500	76	80	135	800	26.5	B · C
70 744	5000	76	130	135	800	30.0	B · C
70 727	5000	76	80	135	800	30.5	B · C
70 748	5000	76	100	170	1000	40.0	B · C
70 909	3000	82	120	100	500	13.0	A

Group 12   **Group 32**

H = Pole height, without anchorage section   **d= Pole top diameter**   h = Stepped pole top height
Ø = Pole base diameter   D = Diameter of base plate   E = Anchorage section   kg = Total weight

**Cylindrical aluminium luminaire poles with base plate and stepped pole base
in accordance with DIN EN 40
with painted finish**

Luminaire poles with base plate are mounted on a foundation or anchorage unit.

These luminaire poles with door are equipped with a C-clamp to accommodate a connection box and a PE conductor connection. Matching connection boxes for each application are listed in the table. For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in the colour of the luminaires ordered. If no colour is specified, we deliver the poles in the colour graphite. All standard colours feature our BEGA Unidure® coating technology and meet the highest global standards of weathering and light stability.
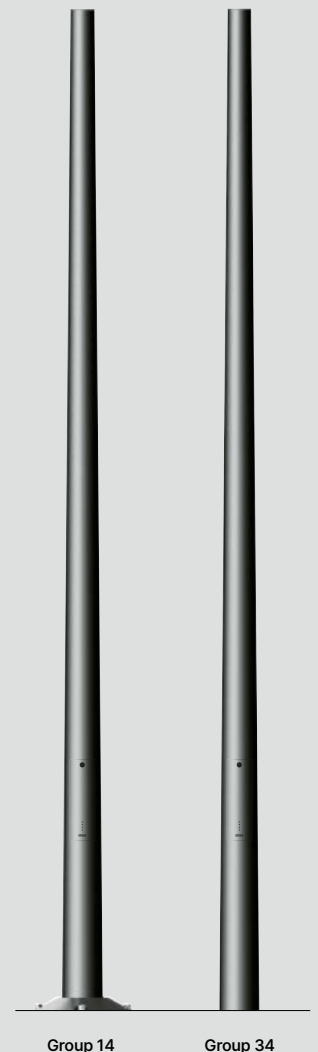
On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

20-year availability guarantee for replacements

Group 13

Cylindrical aluminium luminaire poles · Mounting system 2						Anch. unit
Pole	H	**d**	Ø	D	kg	Connection box
70 900	4000	**76**	135	340	19.0	B · C · D	**70 899**
70 902	5000	**76**	135	340	24.0	B · C · D	**70 899**
70 904	6000	**76**	135	340	28.0	B · C · D	**70 899**

Mounting system 2
The luminaire pole is bolted **directly** onto a foundation or anchorage unit via its base plate. For an installation on a foundation, the fastening bolts must be provided by the customer.

**Cylindrical aluminium luminaire poles with anchorage section and stepped pole base
in accordance with DIN EN 40
with painted finish**

These luminaire poles with door are equipped with a C-clamp to accommodate a connection box and a PE conductor connection. Matching connection boxes for each application are listed in the table. For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in the colour of the luminaires ordered. If no colour is specified, we deliver the poles in the colour graphite. All standard colours feature our BEGA Unidure® coating technology and meet the highest global standards of weathering and light stability.

On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

20-year availability guarantee for replacements

Group 33

Cylindrical aluminium luminaire poles						
Pole	H	**d**	Ø	E	kg	Connection box
70 901	4000	**76**	135	800	19.5	B · C · D
70 903	5000	**76**	135	800	23.0	B · C · D
70 905	6000	**76**	135	1000	26.0	B · C · D

Group 13   Group 33

Conical aluminium luminaire poles with base plate
in accordance with DIN EN 40
with painted finish

We offer two mounting systems for mounting the luminaire poles with base plate to a foundation or anchorage unit. Each pole group is assigned the corresponding mounting system.

These luminaire poles with door are equipped with a C-clamp to accommodate a connection box and a PE conductor connection. Matching connection boxes for each application are listed in the table. For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in the colour of the luminaires ordered. If no colour is specified, we deliver the poles in the colour graphite. All standard colours feature our BEGA Unidure® coating technology and meet the highest global standards of weathering and light stability.

On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

20-year availability guarantee for replacements

Group 14

Conical aluminium luminaire poles · Mounting system 1								Anch. unit
Pole	H	**d**	Ø	D	kg	Connection box		
70 985	2500	**60**	115	300	12.0	A · B		70 897
70 986	3000	**60**	115	300	13.5	A · B		70 897

Conical aluminium luminaire poles · Mounting system 2								Anch. unit
Pole	H	**d**	Ø	D	kg	Connection box		
70 786	3500	**60**	135	340	15.5	B · C		70 899
70 787	4000	**60**	135	340	16.5	B · C		70 899
70 788	3000	**76**	135	340	14.5	B · C		70 899
70 789	3500	**76**	135	340	15.5	B · C		70 899
70 791	4000	**76**	135	340	16.5	B · C		70 899
70 792	4500	**76**	135	340	18.5	B · C		70 899
70 794	5000	**76**	135	340	23.0	B · C		70 899
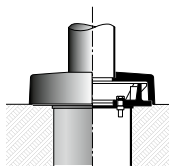
Mounting system 1
The mounting plate is bolted onto an anchorage unit or foundation. The luminaire pole with base plate is placed on the mounting plate and bolted in **horizontal** position with lateral stainless steel bolts.
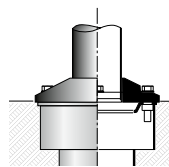
Mounting system 2
The luminaire pole is bolted **directly** onto a foundation or anchorage unit via its base plate. For an installation on a foundation, the fastening bolts must be provided by the customer.

Conical aluminium luminaire poles with anchorage section
in accordance with DIN EN 40
with painted finish

These luminaire poles with door are equipped with a C-clamp to accommodate a connection box and a PE conductor connection. Matching connection boxes for each application are listed in the table. For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in the colour of the luminaires ordered. If no colour is specified, we deliver the poles in the colour graphite. All standard colours feature our BEGA Unidure® coating technology and meet the highest global standards of weathering and light stability.

On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

20-year availability guarantee for replacements

Group 34

Conical aluminium luminaire poles						
Pole	H	**d**	Ø	E	kg	Connection box
70 910	2500	**60**	115	500	9.0	A · B
70 911	3000	**60**	115	500	10.0	A · B
70 912	3500	**60**	115	600	11.5	A · B
70 724	4000	**60**	135	600	14.0	B · C
70 918	3000	**76**	135	600	11.0	B · C
70 913	3500	**76**	135	600	12.5	B · C
70 914	4000	**76**	135	600	14.5	B · C
70 725	4500	**76**	135	800	17.5	B · C
70 915	5000	**76**	135	800	22.0	B · C
70 916	6000	**76**	145	1000	26.0	B · C
70 917	7000	**76**	145	1200	32.5	B · C
70 726	8000	**76**	145	1200	54.0	B · C

Group 14   Group 34

H = Pole height, without anchorage section   **d= Pole top diameter**   Ø = Pole base diameter
D = Diameter of base plate   E = Anchorage section   kg = Total weight

bega.com/e-mobility

Charging unit for electric vehicles integrated in cylindrical aluminium luminaire pole
with base plate and stepped pole top
in accordance with DIN EN 40
with painted finish

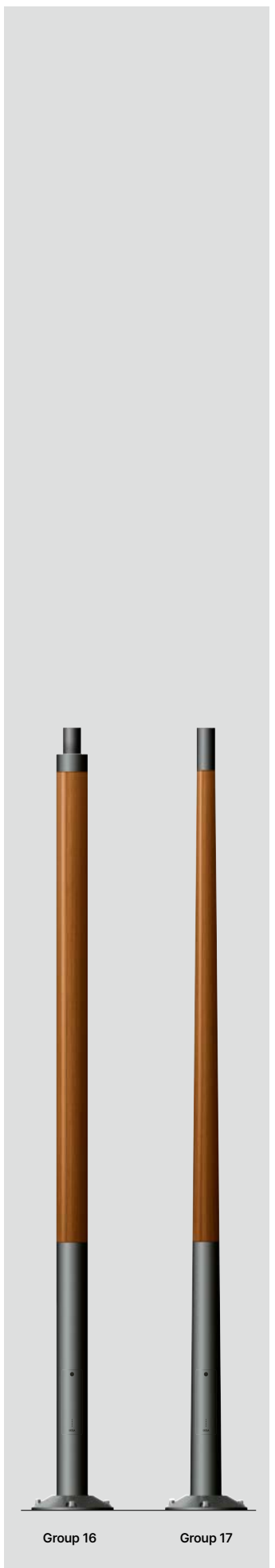Luminaire poles for our pole-top luminaires with charging unit for electric vehicles,
max. charging output 22 kW.

Luminaire poles with base plate are mounted on a foundation or anchorage unit.

These luminaire poles with door are equipped with a C-clamp to accommodate a connection box
and a PE conductor connection. Matching connection boxes for each application are listed in the
table. For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in the colour of the luminaires ordered. If no colour is specified,
we deliver the poles in the colour graphite. All standard colours feature our BEGA Unidure®
coating technology and meet the highest global standards of weathering and light stability.

On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

20-year availability guarantee for replacements

Charging unit

Protection class IP 54
Cast aluminium
max. charging output 22 kW

For a safe electrical connection, we recommend the separately available connection box 71 306
with residual current automatic cutout.
For more information about BEGA connection boxes, see Page 449.
All technical data can be found in the product data sheet on our website.

Group 18

Cylindrical aluminium luminaire pole · Mounting system 2							Anch. unit
Pole	H	**d**	h	Ø	D	kg	Connection box	
85 046	5000	**76**	100	170	340	54.0	B · C · D	**70 899**
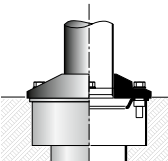
Mounting system 2
The luminaire pole is bolted **directly** onto a foundation or
anchorage unit via its base plate. For an installation on
a foundation, the fastening bolts must be provided by
the customer.
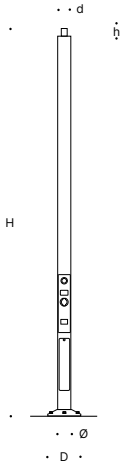
Charging unit for electric cars integrated in cylindrical aluminium luminaire pole
with anchorage section and stepped pole top
in accordance with DIN EN 40
with painted finish

Luminaire poles for our pole-top luminaires with charging unit for electric vehicles,
max. charging output 22 kW.

These luminaire poles with door are equipped with a C-clamp to accommodate a connection box
and a PE conductor connection. Matching connection boxes for each application are listed in the
table. For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in the colour of the luminaires ordered. If no colour is specified, we
deliver the poles in the colour graphite. All standard colours feature our BEGA Unidure® coating
technology and meet the highest global standards of weathering and light stability.

On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

20-year availability guarantee for replacements

Charging unit

Protection class IP 54
Cast aluminium
max. charging output 22 kW

For a safe electrical connection, we recommend the separately available connection box 71 306
with residual current automatic cutout.
For more information about BEGA connection boxes, see Page 449.
All technical data can be found in the product data sheet on our website.

Group 35

Cylindrical aluminium luminaire pole with charging unit for electric vehicles							
Pole	H	**d**	h	Ø	E	kg	Connection box
85 047	5000	**76**	100	170	1000	57.5	B · C · D

Group 18   Group 35
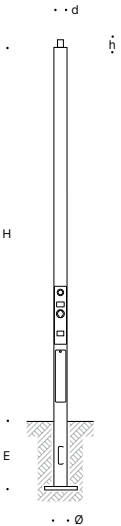
Cylindrical or conical wood-luminaire pole with base plate wood percentages
in accordance with DIN EN 40
Pole top, pole base and base plate made of aluminium with painted finish

Wooden luminaire poles with base plate are mounted on a foundation or anchorage unit.

These luminaire poles with door are equipped with a C-clamp to accommodate a connection box
and a PE conductor connection. Matching connection boxes for each application are listed in the
table. For more information about BEGA connection boxes, see Page 449.

We supply all aluminium parts of the wooden luminaire poles in the colours graphite or silver at
catalogue prices. All standard colours feature our BEGA Unidure® coating technology and meet
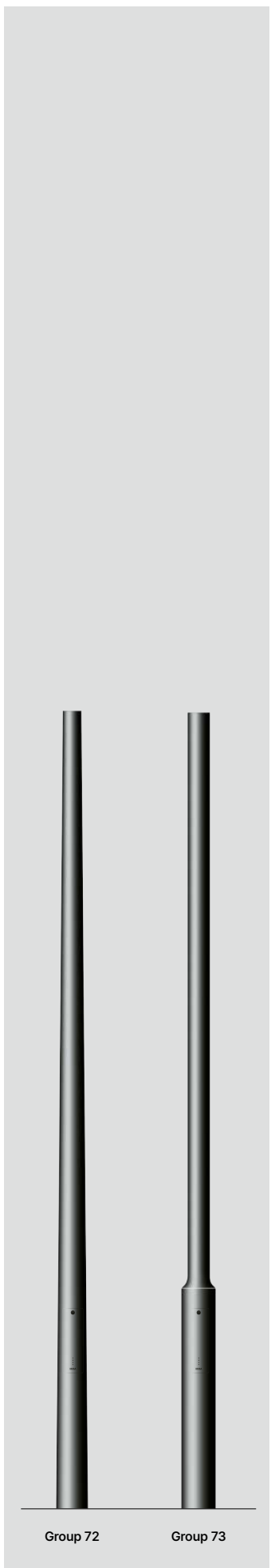the highest global standards of weathering and light stability.
On request, poles with RAL texture and DB colours can be supplied at an extra charge.

20-year availability guarantee for replacements
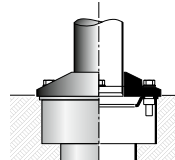
Mounting system 2
The luminaire pole is bolted **directly** onto a foundation
or anchorage unit via its base plate. For an installation on
a foundation, the fastening bolts must be provided by
the customer.
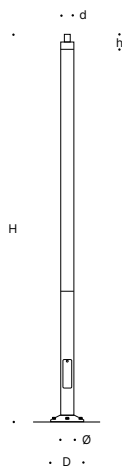
Group 16

Cylindrical wooden luminaire poles · Mounting system 2								
Pole	H	d	h	Ø	D	kg	Connection box	Anch. unit
71 196	4000	**76**	70	135	340	32.0	B · C	**70 899**
71 197	5000	**76**	70	135	340	38.0	B · C	**70 899**
71 198	6000	**76**	70	135	340	50.0	B · C	**70 899**
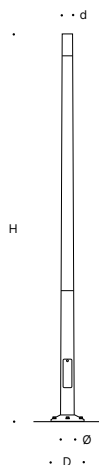
Group 17

Conical wooden luminaire poles · Mounting system 2							
Pole	H	d	Ø	D	kg	Connection box	Anch. unit
71 193	4000	**76**	135	340	26.0	B · C	**70 899**
71 194	5000	**76**	135	340	31.0	B · C	**70 899**
71 195	6000	**76**	135	340	37.0	B · C	**70 899**

Group 16

Group 17

H = Pole height, without anchorage section   **d= Pole top diameter**   h = Stepped pole top height
Ø = Pole base diameter   D = Diameter of base plate   E = Anchorage section   kg = Total weight

Conical steel luminaire poles with anchorage section
in accordance with DIN EN 40
with hot-dip galvanizing and seamless welding

BEGA steel luminaire poles have no visible welding seam and are hot-dip galvanised.
These luminaire poles with door are equipped with a C-clamp to accommodate
a connection box and a PE conductor connection. Matching connection boxes for each
application are listed in the table. For more information about BEGA connection boxes,
see Page 449.

20-year availability guarantee for replacements

Group 62

Conical steel luminaire poles · Hot-dip galvanised						
Pole	H	d	Ø	E	kg	Connection box
70 800	2500	**60**	115	800	25.0	A · B
70 801	3000	**60**	115	800	28.0	A · B
70 802	3500	**60**	115	800	35.0	A · B
70 803	4000	**60**	115	800	38.0	A · B
70 811	3000	**76**	115	800	31.0	A · B
70 815	3500	**76**	115	800	36.0	A · B
70 804	4000	**76**	135	800	42.0	B · C
70 817	4500	**76**	135	800	46.0	B · C
70 805	5000	**76**	135	800	52.0	B · C
70 814*	5000	**76**	135	800	56.0	B · C
70 806	6000	**76**	140	1000	68.0	B · C
70 816*	6000	**76**	140	1000	70.0	B · C
70 807	7000	**76**	160	1200	96.0	B · C
70 808	8000	**76**	170	1200	119.0	B · C
70 809	9000	**76**	195	1500	151.0	B · C
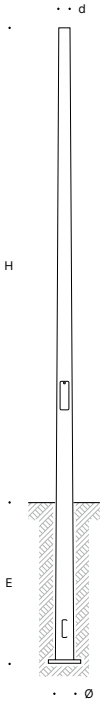
* Reinforced version

Cylindrical steel luminaire poles with anchorage section and stepped pole base
in accordance with DIN EN 40
with hot-dip galvanizing and seamless welding

BEGA steel luminaire poles have no visible welding seam and are hot-dip galvanised.
These luminaire poles with door are equipped with a C-clamp to accommodate
a connection box and a PE conductor connection. Matching connection boxes for each
application are listed in the table. For more information about BEGA connection boxes,
see Page 449.

20-year availability guarantee for replacements

Group 63

Cylindrical steel luminaire poles, stepped pole base · Hot-dip galvanised						
Pole	H	d	Ø	E	kg	Connection box
71 201	4000	**76**	135	800	38.0	B · C
71 203	5000	**76**	135	800	46.0	B · C
71 205	6000	**76**	135	1000	60.0	B · C
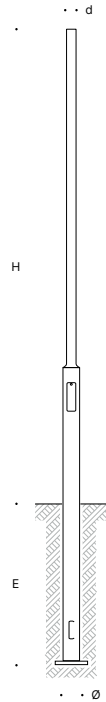
Group 62   Group 63

**Conical steel luminaire poles with anchorage section
in accordance with DIN EN 40
with hot-dip galvanizing and and painted**

BEGA steel luminaire poles are hot-dip galvanised and painted.
These luminaire poles with door are equipped with a C-clamp to accommodate a connection box
and a PE conductor connection. Matching connection boxes for each application are listed in the
table. For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in Groups 72 in the same colour as the ordered luminaires.
If no colour is specified, we deliver the poles in the colour graphite. All standard colours feature
our BEGA Unidure® coating technology and meet the highest global standards of weathering
and light stability.

We also supply luminaire poles in this series in heights of up to 18 m.

20-year availability guarantee for replacements
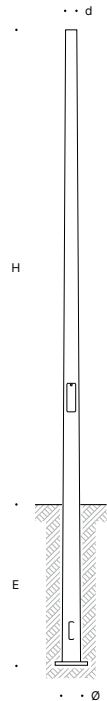
Group 72

Pole	H	d	Ø	E	kg	Connection box
Conical steel luminaire poles · Hot-dip galvanised and painted						
70 880	2500	**60**	115	800	25.0	A · B
70 881	3000	**60**	115	800	28.0	A · B
70 882	3500	**60**	115	800	35.0	A · B
70 883	4000	**60**	115	800	38.0	A · B
70 888	3000	**76**	115	800	31.0	A · B
70 885	3500	**76**	115	800	36.0	A · B
70 884	4000	**76**	135	800	42.0	B · C
70 887	4500	**76**	135	800	46.0	B · C
70 886	5000	**76**	135	800	52.0	B · C
70 878*	5000	**76**	135	800	56.0	B · C
70 834	6000	**76**	140	1000	68.0	B · C
70 879*	6000	**76**	140	1000	70.0	B · C
70 835	7000	**76**	160	1200	96.0	B · C
70 836	8000	**76**	170	1200	119.0	B · C
70 837	9000	**76**	195	1500	151.0	B · C
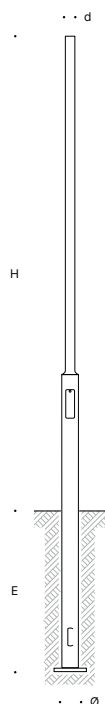
* Reinforced version

**Cylindrical steel luminaire poles with anchorage section and stepped pole base
in accordance with DIN EN 40
with hot-dip galvanizing and painted**

BEGA steel luminaire poles are hot-dip galvanised and painted.
These luminaire poles with door are equipped with a C-clamp to accommodate a connection box
and a PE conductor connection. Matching connection boxes for each application are listed in the
table. For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in Groups 73 in the same colour as the ordered luminaires.
If no colour is specified, we deliver the poles in the colour graphite. All standard colours feature
our BEGA Unidure® coating technology and meet the highest global standards of weathering
and light stability.

We also supply luminaire poles in this series in heights of up to 18 m.

20-year availability guarantee for replacements

Group 73

Pole	H	d	Ø	E	kg	Connection box
Cylindrical steel luminaire poles, stepped pole base · Hot-dip galvanised and painted						
71 202	4000	**76**	135	800	38.0	B · C
71 204	5000	**76**	135	800	46.0	B · C
71 206	6000	**76**	135	1000	60.0	B · C

Group 72   Group 73

H = Pole height, without anchorage section   **d = Pole top diameter**   Ø = Pole base diameter
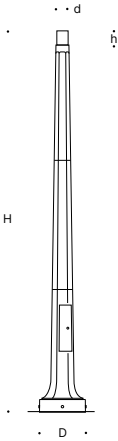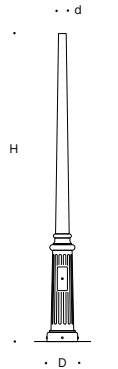kg = Total weight   E = Anchorage section

**Decorative aluminium luminaire poles with base plate
in accordance with DIN EN 40
with painted finish
Copper luminaire poles with base plate made of cast bronze**

We offer two mounting systems for mounting the luminaire poles with base plate to a foundation or anchorage unit. Please refer to the table for the corresponding mounting system.

Luminaire poles with door are equipped with a C-clamp to accommodate a connection box and a PE conductor connection. Matching connection boxes for each application are listed in the table. For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in the colour of the luminaires ordered. If no colour is specified, we deliver the poles in the colour graphite. All standard colours feature our BEGA Unidure® coating technology and meet the highest global standards of weathering and light stability.

We supply copper poles in their natural material colour.

20-year availability guarantee for replacements

Group 40

Copper luminaire poles · Mounting system 2						
Pole	H	**d**	D	kg	Connection box	Anch. unit
70 552	1700	**60**	220	9.5	without door	**70 896**
70 550	2000	**60**	220	10.0	without door	**70 896**
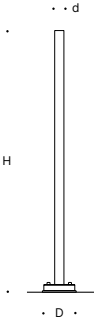
Group 41

Aluminium luminaire poles · Mounting system 1							
Pole	H	**d**	h	D	kg	Connection box	Anch. unit
70 545	1400	**60**	45	205	6.0	without door	**70 895**
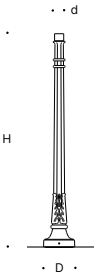
Group 49

Aluminium luminaire poles · Mounting system 1						
Pole	H	**d**	D	kg	Connection box	Anch. unit
70 546	2000	**60**	200	10.5	A	**70 895**
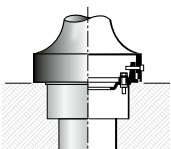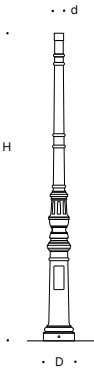
Group 40   Group 41   Group 49

Mounting system 1
The mounting plate is screwed onto a foundation or anchorage unit. The luminaire pole with base plate is placed on the mounting plate and bolted in **horizontal** position with lateral stainless steel bolts.
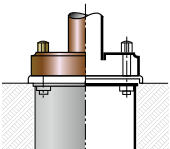
Mounting system 2
The mounting plate is screwed onto a foundation or anchorage unit. The luminaire pole with base plate is placed on the mounting plate and bolted **vertically** with nuts.

**Decorative aluminium luminaire poles with base plate
in accordance with DIN EN 40
with painted finish**

These luminaire poles with base plate are mounted on a foundation or anchorage unit.

Luminaire poles with door are equipped with a C-clamp to accommodate a connection box and a PE conductor connection. Matching connection boxes for each application are listed in the table. For more information about BEGA connection boxes, see Page 449.

We supply all luminaire poles in the colour of the luminaires ordered. If no colour is specified, we deliver the poles in the colour graphite. All standard colours feature our BEGA Unidure® coating technology and meet the highest global standards of weathering and light stability.

20-year availability guarantee for replacements

Group 44

Pole	H	d	h	D	kg	Connection box	Anch. unit
Aluminium luminaire poles · Mounting system 1							
70 540	2500	**76**	100	300	26.5	A · B	**70 897**
70 541	3000	**76**	100	300	31.5	A · B	**70 897**

Group 47

Pole	H	d	D	kg	Connection box	Anch. unit
Aluminium luminaire poles · Mounting system 1						
70 547	2000	**60**	200	10.0	A	**70 895**
70 524	3000	**76**	300	25.5	A · B	**70 897**
70 526	3500	**76**	300	27.5	A · B	**70 897**
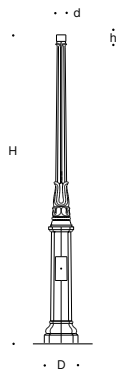
Group 48

Pole	H	d	h	D	kg	Connection box	Anch. unit
Aluminium luminaire poles · Mounting system 1							
70 549	2000	**60**	45	200	10.5	A	**70 895**
70 522	3500	**76**	100	300	39.0	B · C	**70 897**
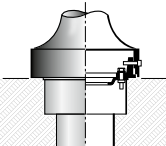
Mounting system 1
The mounting plate is screwed onto a foundation or anchorage unit. The luminaire pole with base plate is placed on the mounting plate and bolted in **horizontal** position with lateral stainless steel bolts.

Group 44   Group 47   Group 48

H = Pole height, without anchorage section   **d= Pole top diameter**   h = Stepped pole top height
D = Base plate diameter   kg = Total weight

307
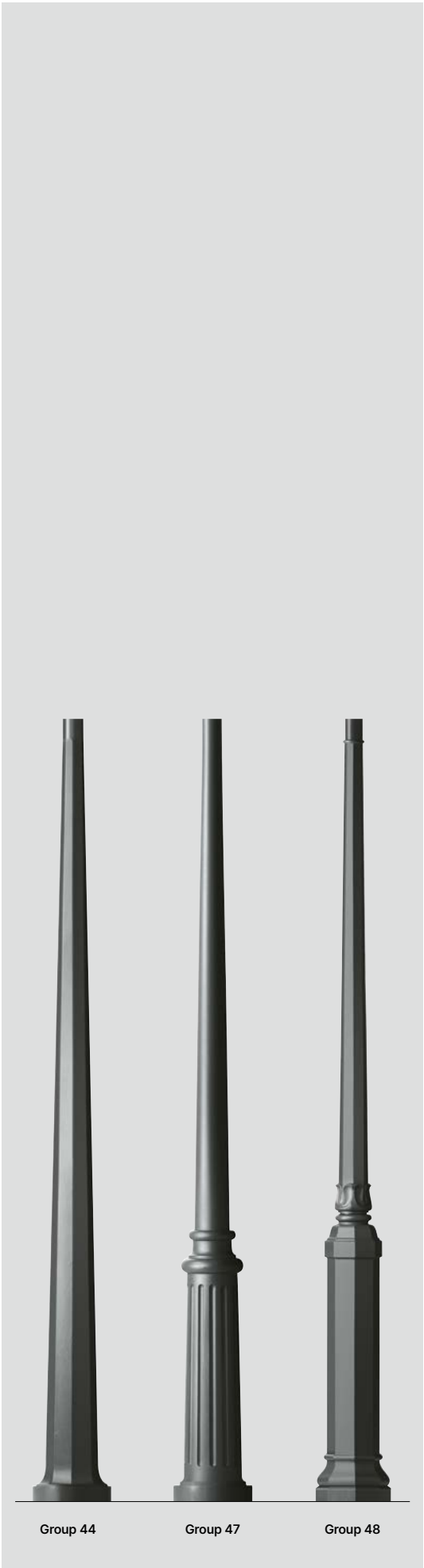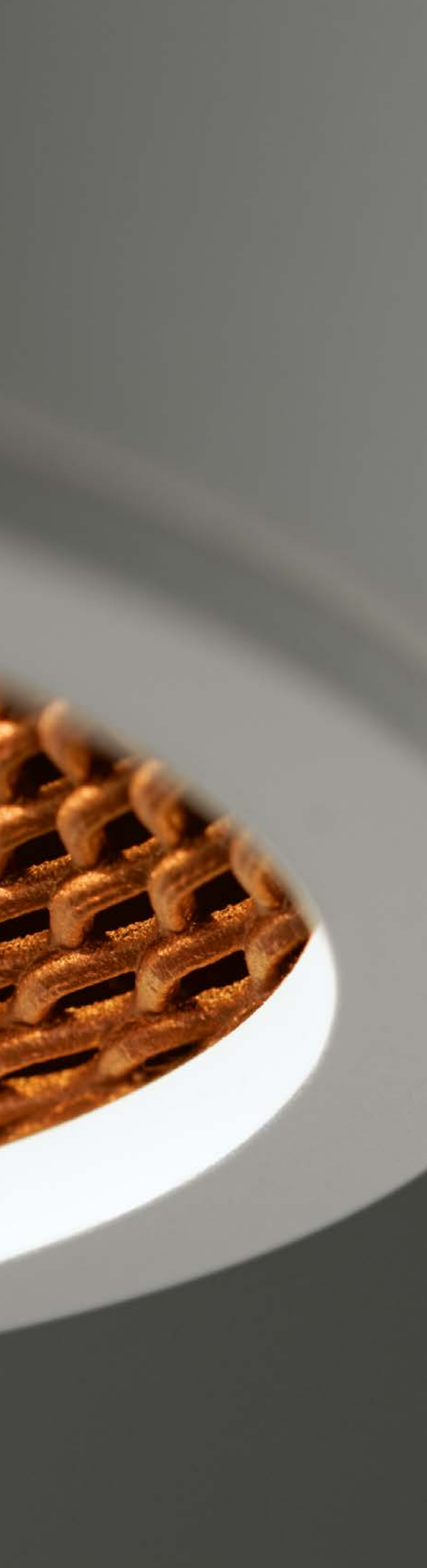
Indoor luminaires

BEGA has been developing and producing high-quality luminaires for virtually all areas of interior and exterior architecture for more than 80 years. During that time, products were created that have become generic terms for countless luminaire types in the entire industry for their design and branding.
For a long time, our fascination with glass and its countless facets was the driving force behind the development and design work on our indoor luminaires. Being able to rely on our own glass production facilities remains an invaluable advantage for us. Today, LED technology offers us endless possibilities for creative development. Here as well, our own premium standard module production has created the independence required for our work.
In our development process, our main focus has always been on our products retaining their value for a long time to come.
That is how we have been able to save valuable resources with our responsible and intelligent use of raw materials. Durability and sustainability have been and will always be part of our company ethos.

The following section of the full product range provides you with an overview of all BEGA indoor luminaires and all the most important data at a glance.
You will find detailed technical data for all products on our website.

Recessed luminaires · Downlights

Page	312	312	313
	ACCENTA **Recessed wall luminaires shielded**	ACCENTA **Recessed wall luminaires unshielded**	ACCENTA **Recessed wall luminaires unshielded**
PSU	on/off	on/off	on/off
Colour temperature	2700 K · 3000 K	2700 K · 3000 K	2700 K · 3000 K
Luminaire luminous flux	110 · 185 lm	40 · 75 lm	50 · 100 lm
Size	Ø 75 mm	Ø · □ 75 mm	Ø · □ 75 mm
Light distribution			

Page	314	314	315	315
	ACCENTA VARIO **Recessed ceiling luminaires**	ACCENTA PURE **Recessed ceiling luminaires**	**Recessed ceiling luminaires with convex synthetic cover**	**Recessed ceiling luminaires with concave synthetic cover**
PSU	external included · DALI	external included · DALI	Phase-dimmable · DALI	Phase-dimmable · DALI
Colour temperature	2700 K · 3000 K	2700 K · 3000 K	3000 K	3000 K
Luminaire luminous flux	580 – 605 lm	550 – 570 lm	605 – 1550 lm	520 – 1355 lm
Size	Ø 105 mm	Ø 80 mm	Ø 110 · 130 · 150 mm	Ø 110 · 130 · 150 mm
Light distribution				

Page	316	316	317	317
	Recessed ceiling luminaires Downlights · Protection class IP 65	**Recessed ceiling luminaires Downlights**	PRIMA **Recessed ceiling luminaires** Recessed opening Ø 68 mm	PRIMA **Recessed ceiling luminaires**
PSU	on/off · DALI	on/off · DALI	phase-dimmable	Phase-dimmable · DALI
Colour temperature	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K
Luminaire luminous flux	310 – 1465 lm	795 · 1750 lm	700 – 860 lm	670 – 1975 lm
Size	Ø 80 · 115 · 155 · 185 mm	Ø 145 · 205 mm	Ø 78 mm	Ø 110 · 130 · 150 mm
Light distribution				

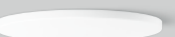|			
Page	318	319	320	321
	Recessed ceiling luminaires Downlights Flush-mounted installation	**Recessed ceiling luminaires Downlights Surface-mounted installation**	**Adjustable recessed ceiling luminaires Downlights**	**Recessed ceiling luminaires Downlights with glare suppression Mesh structure reflector**
PSU	on/off · DALI	on/off · DALI	external included · DALI	on/off · DALI
Colour temperature	3000 K · 4000 K	3000 K · 4000 K	3000 K	3000 K
Luminaire luminous flux	1525 – 4005 lm	895 – 4005 lm	365 – 3780 lm	1245 – 3370 lm
Size	Ø 115 · 130 · 175 mm	Ø 140 · 155 · 200 mm	Ø 110 · 145 · 220 · 260 mm	Ø 140 · 155 · 200 mm
Light distribution				

Light distribution · Unshielded · Shielded · Narrow beam · Wide beam · Very wide beam
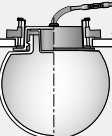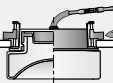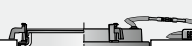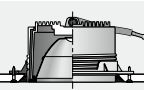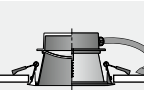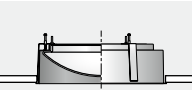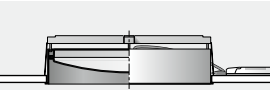
This summary of our recessed wall luminaires, recessed ceiling luminaires and downlights for indoors provides a compact overview of all the important product data. It enables you to find the right series quickly and compare products easily.

The ACCENTA series is ideal as recessed wall luminaires for standard cavity boxes or for recessed installation in ceilings with 68 mm cut-outs. With its efficient technology, the series is a reliable solution for a variety of uses.

For applications where the focus is on cost efficiency and reliable technology, the PRIMA series was developed. The STUDIO LINE is characterised by unmistakeable designs that create a sophisticated and pleasant lighting atmosphere.

Current values and other technical data can be found in the product data sheet of each individual luminaire on our website. The required installation depths can be found in the instructions for use for these luminaires. Please take this into account as early as the planning stage.

Page	322	322	323	323
	Recessed ceiling and wall luminaires	Recessed ceiling luminaires	Recessed ceiling and wall luminaires	Recessed ceiling and wall luminaires
PSU	on/off · DALI	on/off · DALI	on/off · DALI	on/off · DALI
Colour temperature	3000 K	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K
Luminaire luminous flux	975 – 710 lm	710 – 3565 lm	570 – 3640 lm	740 – 3800 lm
Size	Ø 200 · 250 · 300 mm	Ø 135 · 160 · 180 · 225 · 265 mm	Ø 180 · 255 · 340 · 430 mm	Ø 185 · 260 · 345 · 435 mm
Light distribution				

Page	324	324	325	325
STUDIO LINE	Recessed ceiling luminaires Surface-mounted installation	Recessed ceiling luminaires Surface-mounted installation	Recessed ceiling luminaires Surface-mounted installation	Recessed ceiling luminaires Surface-mounted installation
PSU	external included · on/off	external included · DALI	external included · DALI	external included · DALI
Colour temperature	3000 K	3000 K	3000 K	3000 K
Luminaire luminous flux	355 – 365 lm	710 – 730 lm	1065 – 1095 lm	1420 · 1460 lm
Size	Ø 95 mm	95 × 190 mm	95 × 285 mm	190 × 190 mm
Light distribution				

Page	326	326	329	328
STUDIO LINE	Recessed ceiling luminaires Flush-mounted installation	Recessed ceiling luminaires Surface-mounted installation	Recessed ceiling luminaires	Recessed ceiling luminaires Large-area luminaires
PSU	on/off · DALI	external included · on/off · DALI	on/off · DALI	external included · DALI
Colour temperature	3000 K	3000 K	3000 K	3000 K
Luminaire luminous flux	805 – 1860 lm	400 – 1455 lm	1350 – 4250 lm	7045 – 10520 lm
Size	Ø 115 · 130 · 175 mm	Ø 110 · 130 · 150 mm	Ø 295 · 395 · 465 mm	Ø 645 · 900 mm
Light distribution				

Asymmetrical   Adjustable   Adjustable Zoom optics   Installation housing

ACCENTA recessed wall luminaires

ACCENTA
Recessed wall luminaires
Recessed opening 68 mm

Wall trim ring and frame available with a choice of 2 finishes
Safety glass, inside white
50 155 · 50 156 Reflector surface made of pure aluminium
on/off power supply unit

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

ACCENTA recessed wall luminaires for installation in device boxes with 68 mm diameter and 65 mm installation depth.
Each luminaire comes with a matching cavity wall box.
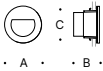
Colour white · Shielded

Round	LED		Controllable	A	B	C
50 156.1	2.1 W	110 lm	on/off	75	65	68
50 155.1	3.0 W	185 lm	on/off	75	65	68

Stainless steel finish · Shielded

Round	LED		Controllable	A	B	C
50 156.2	2.1 W	110 lm	on/off	75	65	68
50 155.2	3.0 W	185 lm	on/off	75	65	68

Shielded light
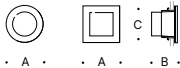
Colour white · Unshielded

Round	Square	LED		Controllable	A	B	C
50 117.1	**50 119.1**	2.1 W	40 lm	on/off	75	65	68
50 116.1	**50 118.1**	3.0 W	75 lm	on/off	75	65	68

Stainless steel finish · Unshielded

Round	Square	LED		Controllable	A	B	C
50 117.2	**50 119.2**	2.1 W	40 lm	on/off	75	65	68
50 116.2	**50 118.2**	3.0 W	75 lm	on/off	75	65	68

Unshielded light

ACCENTA
Recessed wall luminaires
Recessed opening 68 mm

Wall trim ring and frame available with a choice of 3 material finishes
Safety glass, inside white
on/off power supply unit

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
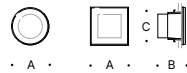
Colour white

Round	Square	LED		Controllable	A	B	C
50 158.1	**50 141.1**	2.1 W	50 lm	on/off	75	65	68
50 284.1	**50 285.1**	3.0 W	100 lm	on/off	75	65	68

Colour matt brass

Round	Square	LED		Controllable	A	B	C
50 158.4	**50 141.4**	2.1 W	50 lm	on/off	75	65	68
50 284.4	**50 285.4**	3.0 W	100 lm	on/off	75	65	68

Colour matt copper

Round	Square	LED		Controllable	A	B	C
50 158.6	**50 141.6**	2.1 W	50 lm	on/off	75	65	68
50 284.6	**50 285.6**	3.0 W	100 lm	on/off	75	65	68

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

313

0°–35°   **Recessed opening 95 mm**
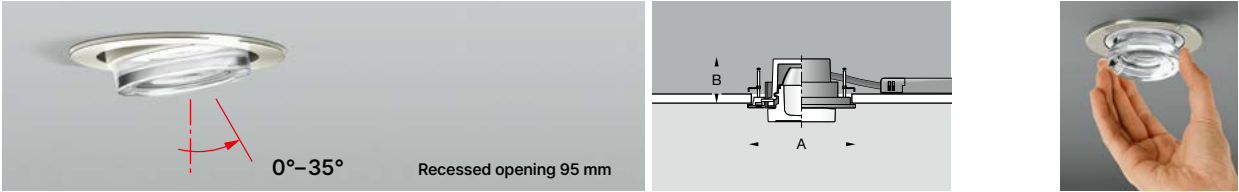
ACCENTA VARIO
Recessed ceiling luminaires
Adjustable light distribution · Recessed opening 95 mm

Luminaire housing made of cast aluminium · Ceiling trim ring available with a choice of 2 finishes
Partially frosted crystal glass · Reflector made of pure anodised aluminium · BEGA Constant Optics®
External DALI controllable power supply unit included

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Colour white						
	LED		Controllable		A	B
50 714.1	10.4 W	605 lm	DALI		105	48

Stainless steel						
	LED		Controllable		A	B
50 714.2	10.4 W	605 lm	DALI		105	48

Recessed opening 68 mm

ACCENTA PURE
Recessed ceiling luminaires
Recessed opening 68 mm

Luminaire housing made of cast aluminium
Partially frosted crystal glass · Reflector made of pure anodised aluminium · BEGA Constant Optics®
External DALI controllable power supply unit included

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable		A	B
50 593	10.4 W	570 lm	DALI		80	48

● New in the range
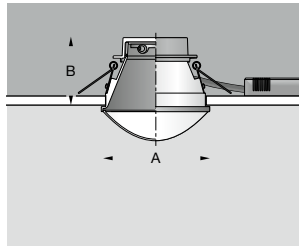
Recessed ceiling luminaires
with convex synthetic cover
with wide beam light distribution

Luminaire housing made of cast aluminium · Reflector made of synthetic material · Diffusor BEGA NeoGlass®
Ceiling trim ring synthetic material colour Velvet White
Convex synthetic cover BEGA NeoGlass®
External power supply units included phase-dimmable or DALI controllable

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Convex synthetic cover					
	LED		Controllable	A	B
• **51 471.1**	7.5 W	605 lm	phase-dimmable	110	80
• **51 472.1**	9.3 W	900 lm	phase-dimmable	130	80
• **51 473.1**	15.0 W	1550 lm	phase-dimmable	150	85
• **51 474.1**	6.8 W	605 lm	DALI	110	80
• **51 475.1**	9.5 W	900 lm	DALI	130	80
• **51 476.1**	15.0 W	1550 lm	DALI	150	85

Recessed ceiling luminaires
with concave synthetic cover
with wide beam light distribution

Luminaire housing made of cast aluminium · Reflector made of synthetic material · Diffusor BEGA NeoGlass®
Ceiling trim ring synthetic material colour Velvet White
Concave synthetic cover BEGA NeoGlass®
External power supply units included phase-dimmable or DALI controllable

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

| **Concave** synthetic cover					
	LED		Controllable	A	B
• **51 477.1**	7.5 W	520 lm	phase-dimmable	110	80
• **51 478.1**	9.3 W	780 lm	phase-dimmable	130	80
• **51 479.1**	15.0 W	1355 lm	phase-dimmable	150	85
• **51 480.1**	6.8 W	520 lm	DALI	110	80
• **51 481.1**	9.5 W	780 lm	DALI	130	80
• **51 482.1**	15.0 W	1355 lm	DALI	150	85

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

ACCENTA recessed ceiling luminaires
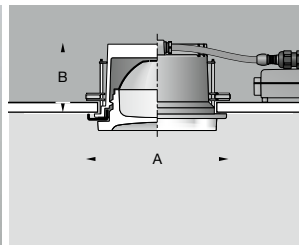
Recessed ceiling luminaires · Downlights
with wide beam light distribution
Protection class IP 65

Luminaire housing made of cast aluminium · Ceiling trim ring, colour white · Partially frosted crystal glass
Reflector made of pure anodised aluminium

External on/off or DALI controllable power supply units
Cable between luminaire and power supply unit with convenient plug connector
Power supply units for the operation of these luminaires are accessories and must be ordered separately.

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing.
Installation housings are accessories and must be ordered separately.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Recessed ceiling luminaires · Downlights · BEGA Constant Optics®						External power supply unit		Installation housing
	LED		β	A	B	PSU		
50 001.1	5.2 W	310 lm	40°	80	60	Included · Non-dimmable		**10 407**
						on/off	DALI	
50 002.1	13.3 W	850 lm	51°	115	70	**13 191**	**10 520**	**13 609**
50 003.1	21.0 W	1000 lm	49°	155	80	**13 192**	**10 528**	**13 610**
50 004.1	28.5 W	1445 lm	46°	185	90	**13 193**	**10 530**	**13 611**

Recessed ceiling luminaires · Downlights
with wide beam light distribution

Synthetic recessed housing for ceiling installation · Cast aluminium luminaire housing · Partially frosted crystal glass
Reflector made of pure anodised aluminium · Silicone diffusing lens

External on/off or DALI controllable power supply units
Cable between luminaire and power supply unit with convenient plug connector
Power supply units for the operation of these luminaires are accessories and must be ordered separately.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

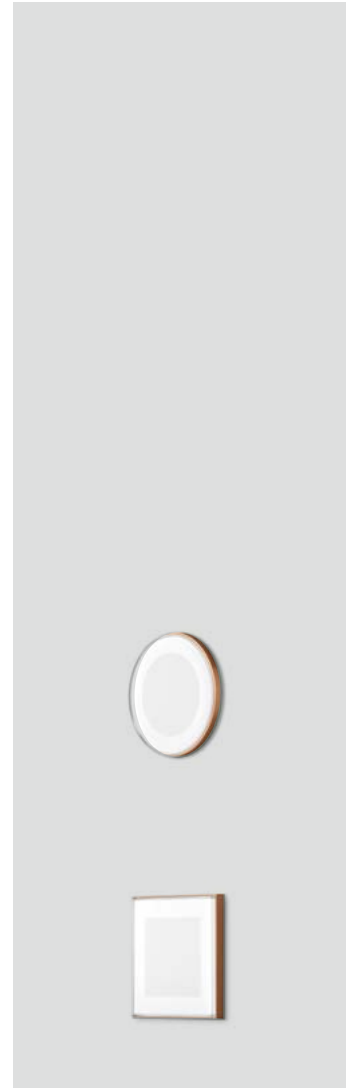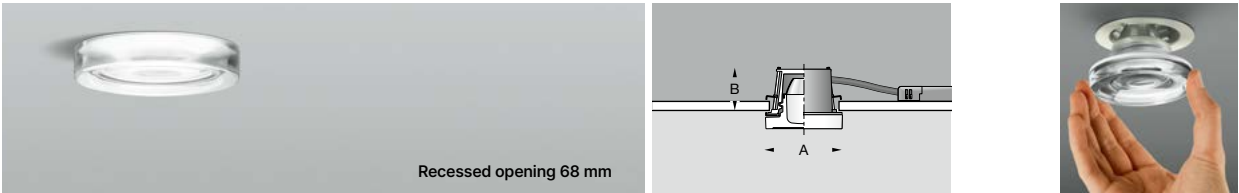20-year availability guarantee for replacement parts and LED modules

Recessed ceiling luminaires · Downlights · BEGA Constant Optics®						External power supply unit	
	LED		β		A	B	on/off	DALI
50 687	9.8 W	795 lm	59°		145	90	**13 143**	**13 168**
50 689	19.8 W	1725 lm	48°		205	125	**13 144**	**13 170**

● New in the range   β = Half beam angle

Recessed opening 68 mm

PRIMA
Recessed ceiling luminaires
Recessed opening 68 mm

Luminaires for installation in suspended ceilings
with wide beam and very wide beam light distribution

Luminaire housing made of cast aluminium and synthetic material · Ceiling trim ring cast aluminium
Ceiling trim ring available with a choice of 2 finishes · BEGA NeoGlass® polymer lens
External power supply units included phase-dimmable

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing.
Installation housings are accessories and must be ordered separately.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Wide beam light distribution								Installation housing
Velvet White	Velvet Black	LED		Controllable	β	A	B	
51 467.1	51 467.5	7.6 W	860 lm	phase-dimmable	36°	80	45	13 618
51 469.1	51 469.5	7.6 W	750 lm	phase-dimmable	36°	80	70	13 618

Very wide beam light distribution								Installation housing
Velvet White	Velvet Black	LED		Controllable	β	A	B	
51 468.1	51 468.5	7.6 W	810 lm	phase-dimmable	56°	80	45	13 618
51 470.1	51 470.5	7.6 W	700 lm	phase-dimmable	56°	80	70	13 618

PRIMA
Recessed ceiling luminaires

Luminaires for installation in suspended ceilings
with wide beam light distribution

Luminaire housing and ceiling trim ring cast aluminium
Ceiling trim ring available with a choice of 2 finishes
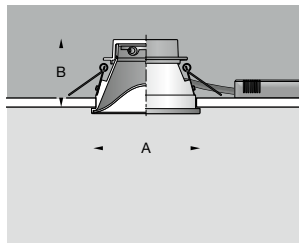Translucent synthetic cover · High-gloss reflector or inside white reflector
External power supply units included phase-dimmable or DALI controllable

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

High-gloss reflector						
Velvet White	Velvet Black	LED		Controllable	A	B
51 414.1	51 414.5	7.5 W	730 lm	phase-dimmable	110	70
51 415.1	51 415.5	9.3 W	1030 lm	phase-dimmable	130	80
51 416.1	51 416.5	15.0 W	1920 lm	phase-dimmable	150	90
51 417.1	51 417.5	6.8 W	730 lm	DALI	110	70
51 418.1	51 418.5	9.5 W	1030 lm	DALI	130	80
51 419.1	51 419.5	15.0 W	1920 lm	DALI	150	90

Reflector, inside white						
Velvet White	Velvet Black	LED		Controllable	A	B
51 461.1	51 461.5	7.5 W	670 lm	phase-dimmable	110	70
51 462.1	51 462.5	9.3 W	910 lm	phase-dimmable	130	80
51 463.1	51 463.5	15.0 W	1710 lm	phase-dimmable	150	90
51 464.1	51 464.5	6.8 W	670 lm	DALI	110	70
51 465.1	51 465.5	9.5 W	910 lm	DALI	130	80
51 466.1	51 466.5	15.0 W	1710 lm	DALI	150	90

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux
and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

BEGA Hybrid Optics®

Recessed ceiling luminaires · Downlights
for flush installation in suspended plasterboard ceilings
with symmetrical or asymmetrical light distribution

Synthetic recessed housing for ceiling installation · Cast aluminium luminaire housing
Ceiling trim ring cast zinc colour white
Safety glass · Reflector surface made of pure aluminium · Optical silicone lens

External on/off or DALI controllable power supply units
Cable between luminaire and power supply unit with convenient plug connector
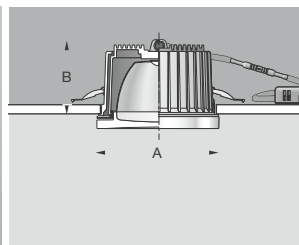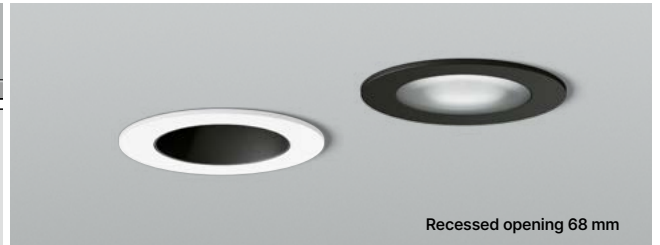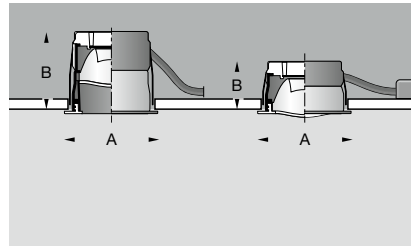Power supply units for the operation of these luminaires are accessories and must be ordered separately.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Symmetrical narrow beam light distribution · BEGA Hybrid Optics®						External power supply unit		
	LED		β	A	B	on/off	DALI	
50 442.1	13.5 W	1645 lm	20°	115	95	**13 144**	**13 169**	
50 443.1	19.5 W	2340 lm	14°	130	100	**13 145**	**13 171**	
50 444.1	29.0 W	3750 lm	18°	175	125	**13 145**	**13 171**	

Symmetrical wide beam light distribution · BEGA Hybrid Optics®						External power supply unit		
	LED		β	A	B	on/off	DALI	
50 445.1	13.5 W	1720 lm	36°	115	95	**13 144**	**13 169**	
50 446.1	19.5 W	2380 lm	32°	130	100	**13 145**	**13 171**	
50 447.1	29.0 W	3775 lm	30°	175	125	**13 145**	**13 171**	

Symmetrical very wide beam light distribution · BEGA Hybrid Optics®						External power supply unit		
	LED		β	A	B	on/off	DALI	
50 448.1	13.5 W	1610 lm	74°	115	95	**13 144**	**13 169**	
50 449.1	19.5 W	2300 lm	61°	130	100	**13 145**	**13 171**	
50 450.1	29.0 W	3655 lm	59°	175	125	**13 145**	**13 171**	

Asymmetrical light distribution · BEGA Constant Optics®						External power supply unit		
	LED		β	A	B	on/off	DALI	
50 451.1	13.5 W	1525 lm	64/68°	115	95	**13 144**	**13 169**	
50 452.1	19.5 W	2130 lm	65/69°	130	100	**13 145**	**13 171**	
50 453.1	29.0 W	3340 lm	65/68°	175	125	**13 145**	**13 171**	
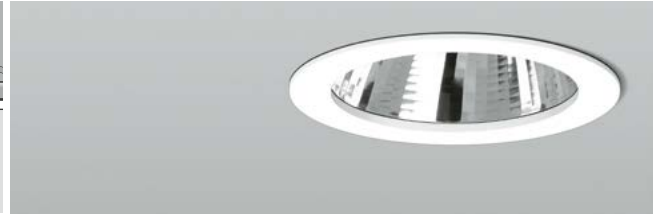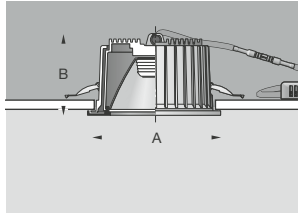
Recessed ceiling luminaires · Downlights
for installation in suspended ceilings
with symmetrical or asymmetrical light distribution

Synthetic recessed housing for ceiling installation · Cast aluminium luminaire housing
Ceiling trim ring cast zinc colour white
Safety glass · Reflector surface made of pure aluminium · Optical silicone lens

External on/off or DALI controllable power supply units
Cable between luminaire and power supply unit with convenient plug connector
Power supply units for the operation of these luminaires are accessories and must be ordered separately.

The half beam angle of the luminaires with zoom optics can be adjusted without tools between 14° and 58°
by turning the lens unit.
Optical diffuser filters are available as accessories to change the factory-set light distribution of these luminaires.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

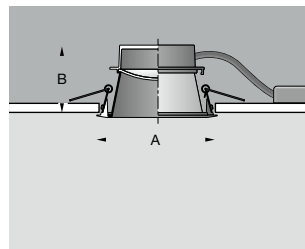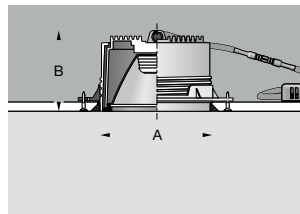20-year availability guarantee for replacement parts and LED modules

Symmetrical narrow beam light distribution · BEGA Hybrid Optics®						External power supply unit	
	LED		β	A	B	on/off	DALI
50 430.1	13.5 W	1645 lm	20°	140	90	**13 144**	**13 169**
50 431.1	19.5 W	2340 lm	14°	155	100	**13 145**	**13 171**
50 432.1	29.0 W	3750 lm	18°	200	125	**13 145**	**13 171**

Symmetrical wide beam light distribution · BEGA Hybrid Optics®						External power supply unit	
	LED		β	A	B	on/off	DALI
50 433.1	13.5 W	1720 lm	36°	140	90	**13 144**	**13 169**
50 434.1	19.5 W	2380 lm	32°	155	100	**13 145**	**13 171**
50 435.1	29.0 W	3775 lm	30°	200	125	**13 145**	**13 171**

Symmetrical very wide beam light distribution · BEGA Hybrid Optics®						External power supply unit	
	LED		β	A	B	on/off	DALI
50 436.1	13.5 W	1610 lm	74°	140	90	**13 144**	**13 169**
50 437.1	19.5 W	2300 lm	61°	155	100	**13 145**	**13 171**
50 438.1	29.0 W	3655 lm	59°	200	125	**13 145**	**13 171**

Asymmetrical light distribution · BEGA Constant Optics®						External power supply unit	
	LED		β	A	B	on/off	DALI
50 439.1	13.5 W	1525 lm	64/68°	140	90	**13 144**	**13 169**
50 440.1	19.5 W	2130 lm	65/69°	155	100	**13 145**	**13 171**
50 441.1	29.0 W	3340 lm	65/68°	200	125	**13 145**	**13 171**
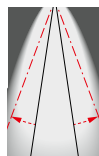
Zoom optics with adjustable light distribution						External power supply unit	
	LED		β	A	B	on/off	DALI
51 196.1	21.0 W	1005–1455 lm	16–48°	140	90	**13 145**	**13 203**
51 214.1	27.5 W	895–1780 lm	14–58°	155	100	**13 202**	**13 174**

Optical diffuser filters for downlights with adjustable zoom optics			
	Flat beam	Very wide beam	Asymmetrical
for 51 196.1	**13 294**	**13 296**	**13 295**
for 51 214.1	**13 324**	**13 326**	**13 325**
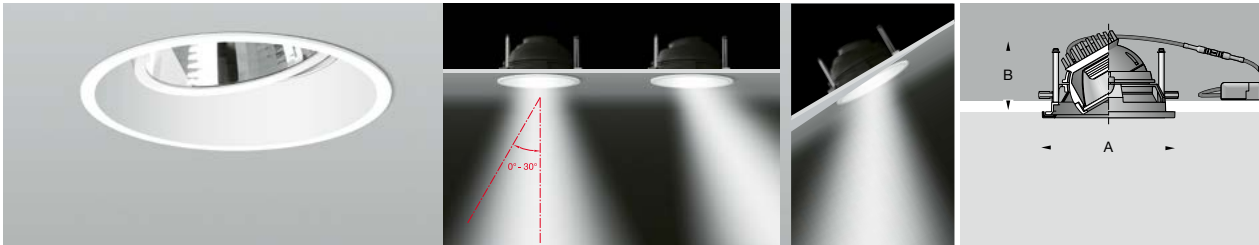
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux
and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Recessed ceiling luminaires · Downlights
with adjustable light distribution · Symmetrical wide beam or symmetrical very wide beam

Cast aluminium luminaire housing · Ceiling trim ring in Velvet White colour · Safety glass
Reflector surface made of pure aluminium · Optical silicone lens · BEGA Hybrid Optics®
Luminaires with Ø 110 mm · BEGA Constant Optics®
Inclination angle of the reflector adjustable from 0° to 30°

The external DALI power supply units are included in the scope of delivery and
are connected to the luminaire using a convenient plug connector.

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing.
Installation housings are accessories and must be ordered separately.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Symmetrical wide beam light distribution							Accessories	
	LED		β	Controllable	A	B		
51 250.1	5.8 W	380 lm	16°	DALI	110	75	**13 609**	**10 013**
51 251.1	14.0 W	1295 lm	21°	DALI	145	90	**13 610**	**10 014**
51 252.1	28.5 W	2615 lm	18°	DALI	220	120	**13 612**	**10 016**
51 253.1	42.0 W	3755 lm	23°	DALI	260	145	**13 613**	**10 019**

Symmetrical very wide beam light distribution							Accessories	
	LED		β	Controllable	A	B		
51 254.1	5.8 W	365 lm	58°	DALI	110	75	**13 609**	**10 013**
51 255.1	14.0 W	1270 lm	46°	DALI	145	90	**13 610**	**10 014**
51 256.1	28.5 W	2575 lm	48°	DALI	220	120	**13 612**	**10 016**
51 257.1	42.0 W	3780 lm	64°	DALI	260	145	**13 613**	**10 019**

Recessed ceiling luminaires · Downlights
for installation in suspended ceilings
with wide beam light distribution

Synthetic recessed housing for ceiling installation · Cast aluminium luminaire housing
Cast zinc ceiling trim ring available with a choice of 2 finishes
BEGA NeoGlass® polymer lens
Synthetic mesh structure reflector available with a choice of 3 colours

External on/off or DALI controllable power supply units
Cable between luminaire and power supply unit with convenient plug connector
Power supply units for the operation of these luminaires are accessories and must be ordered separately.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Interior colour **Velvet Black**							External power supply unit	
White	Black	LED		β	A	B	on/off	DALI
• **51 445.5**	• **51 456.5**	14.0 W	1245 lm	40°	140	90	**13 144**	**13 169**
• **51 446.5**	• **51 457.5**	20.0 W	2150 lm	60°	155	100	**13 145**	**13 171**
• **51 447.5**	• **51 458.5**	28.4 W	3340 lm	56°	200	125	**13 145**	**13 171**

Interior colour **Velvet Brass**							External power supply unit	
White	Black	LED		β	A	B	on/off	DALI
• **51 445.4**	• **51 456.4**	14.0 W	1275 lm	40°	140	90	**13 144**	**13 169**
• **51 446.4**	• **51 457.4**	20.0 W	2160 lm	60°	155	100	**13 145**	**13 171**
• **51 447.4**	• **51 458.4**	28.4 W	3370 lm	56°	200	125	**13 145**	**13 171**

Interior colour **Velvet Copper**							External power supply unit	
White	Black	LED		β	A	B	on/off	DALI
• **51 445.6**	• **51 456.6**	14.0 W	1255 lm	40°	140	90	**13 144**	**13 169**
• **51 446.6**	• **51 457.6**	20.0 W	2155 lm	60°	155	100	**13 145**	**13 171**
• **51 447.6**	• **51 458.6**	28.4 W	3360 lm	56°	200	125	**13 145**	**13 171**
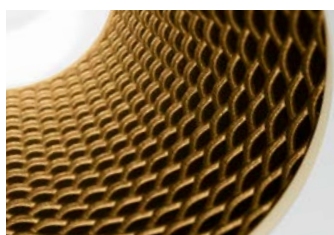
The next-generation glare suppression technology used in the recessed ceiling luminaire shown here offers exceptional visual comfort and sets new illumination standards. The sophisticated conical mesh texture ensures lateral glare suppression even at near level view angles.
For matching surface-mounted ceiling luminaires, see Page 335

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Recessed ceiling and wall luminaires

Recessed ceiling and wall luminaires
Unshielded light

Luminaire housing made of aluminium · Satin matt three-ply opal glass
BEGA Thermal Management ®

External on/off or DALI controllable power supply units
Cable between luminaire and power supply unit with convenient plug connector
Power supply units for the operation of these luminaires are accessories and must be ordered separately.

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing.
Installation housings are accessories and must be ordered separately.

Colour rendering index (CRI) > 90
Colour temperature: 3000 K – article number + **K3**
20-year availability guarantee for replacement parts and LED modules

	LED		A	B	C	External power supply unit			Installation housing
						on/off	Euro	DALI	
50 634	10.0 W	975 lm	200	45	175	**13 206**		**13 207**	**13 024**
50 635	12.0 W	1265 lm	250	50	225	**13 176**		**13 203**	**13 025**
50 636	16.3 W	1710 lm	300	60	275	**13 206**		**13 204**	**13 026**

Recessed ceiling luminaires
Unshielded light

Luminaire housing made of aluminium · Satin matt three-ply opal glass
BEGA Thermal Management ®

External on/off or DALI controllable power supply units
Cable between luminaire and power supply unit with convenient plug connector
Power supply units for the operation of these luminaires are accessories and must be ordered separately.

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing.
Installation housings are accessories and must be ordered separately.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

	LED		A	B	C	External power supply unit			Installation housing
						on/off	Euro	DALI	
34 560	7.2 W	710 lm	135	45	45	**13 176**		**13 172**	**13 024**
34 562	12.0 W	1130 lm	160	45	50	**13 176**		**13 203**	**13 025**
34 859	16.5 W	1515 lm	180	45	60	**13 206**		**13 204**	**13 026**
34 864	21.0 W	1970 lm	225	45	70	**13 202**		**13 174**	**13 018**
50 177	41.0 W	3515 lm	265	60	75	**13 194**		**13 195**	**13 028**

Recessed ceiling and wall luminaires
Unshielded light

Aluminium luminaire housing · Ceiling trim ring available with a choice of 2 finishes · Three-ply opal glass, satin matt
BEGA Thermal Management®

External on/off or DALI controllable power supply units
Cable between luminaire and with convenient plug connector
Power supply units for the operation of these luminaires are accessories and must be ordered separately.

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing.
Installation housings are accessories and must be ordered separately.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Colour white					External power supply unit		Installation housing
	LED		A	B	on/off	DALI	
50 523.1	11.0 W	570 lm	180	60	**13 176**	**13 172**	**13 027**
50 524.1	20.5 W	1650 lm	255	60	**13 177**	**13 173**	**13 028**
50 525.1	31.5 W	2510 lm	340	60	**13 178**	**13 174**	**13 029**
50 526.1	47.6 W	3500 lm	430	60	**13 179**	**13 175**	**13 030**

Stainless steel					External power supply unit		Installation housing
	LED		A	B	on/off	DALI	
50 523.2	11.0 W	570 lm	180	60	**13 176**	**13 172**	**13 027**
50 524.2	20.5 W	1650 lm	255	60	**13 177**	**13 173**	**13 028**
50 525.2	31.5 W	2510 lm	340	60	**13 178**	**13 174**	**13 029**
50 526.2	47.6 W	3500 lm	430	60	**13 179**	**13 175**	**13 030**

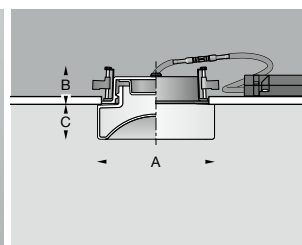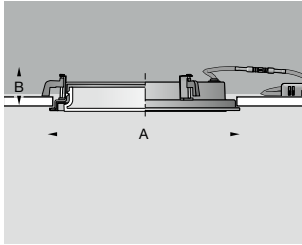**Recessed ceiling and wall luminaires**
unshielded light

Luminaire housing made of aluminium · Satin matt three-ply opal glass
BEGA Thermal Management®

External on/off or DALI controllable power supply units
Cable between luminaire and with convenient plug connector
Power supply units for the operation of these luminaires are accessories and must be ordered separately.

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing.
Installation housings are accessories and must be ordered separately.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Opal glass						External power supply unit		Installation housing
	LED		A	B	C	on/off	DALI	
50 527	11.0 W	740 lm	185	60	20	**13 176**	**13 172**	**13 027**
50 528	20.5 W	1760 lm	260	60	20	**13 177**	**13 173**	**13 028**
50 529	31.5 W	2440 lm	345	60	25	**13 178**	**13 174**	**13 029**
50 530	47.6 W	3650 lm	435	60	30	**13 179**	**13 175**	**13 030**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

STUDIO LINE
Recessed ceiling luminaires · Adjustable
with wide beam and very wide beam light distribution

Luminaire housing made of high-strength synthetic material · Outside colour Velvet White or Velvet Black
Inside colour available with a choice of 3 finishes
Polymer lens made of BEGA NeoGlass®
External on/off power supply units included
Reflector inclination angle adjustable from 0° to 25°, rotatable through 355°

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Interior colour **white**								
Velvet White	Velvet Black	LED		Controllable	β	A	B	
51 355.1	**51 356.1**	5.3 W	365 lm	on/off	23°	95	55	
51 357.1	**51 358.1**	5.3 W	365 lm	on/off	56°	95	55	

Interior colour **Velvet Brass**								
Velvet White	Velvet Black	LED		Controllable	β	A	B	
51 355.4	**51 356.4**	5.3 W	360 lm	on/off	23°	95	55	
51 357.4	**51 358.4**	5.3 W	360 lm	on/off	56°	95	55	

Interior colour **Velvet Copper**								
Velvet White	Velvet Black	LED		Controllable	β	A	B	
51 355.6	**51 356.6**	5.3 W	355 lm	on/off	23°	95	55	
51 357.6	**51 358.6**	5.3 W	355 lm	on/off	56°	95	55	

STUDIO LINE
Recessed ceiling luminaires · Double spot · Adjustable
with wide beam and very wide beam light distribution

Luminaire housing made of high-strength synthetic material · Outside colour Velvet White or Velvet Black
Inside colour available with a choice of 3 finishes
Polymer lens made of BEGA NeoGlass®
External DALI controllable power supply unit included
Reflector inclination angle adjustable from 0° to 25°, rotatable through 355°
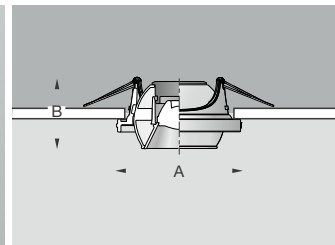
Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Interior colour **white**								
Velvet White	Velvet Black	LED		Controllable	β	A	B	
51 359.1	**51 360.1**	10.5 W	730 lm	DALI	23°	190	55	
51 361.1	**51 362.1**	10.5 W	730 lm	DALI	56°	190	55	

Interior colour **Velvet Brass**								
Velvet White	Velvet Black	LED		Controllable	β	A	B	
51 359.4	**51 360.4**	10.5 W	720 lm	DALI	23°	190	55	
51 361.4	**51 362.4**	10.5 W	720 lm	DALI	56°	190	55	

Interior colour **Velvet Copper**								
Velvet White	Velvet Black	LED		Controllable	β	A	B	
51 359.6	**51 360.6**	10.5 W	710 lm	DALI	23°	190	55	
51 361.6	**51 362.6**	10.5 W	710 lm	DALI	56°	190	55	
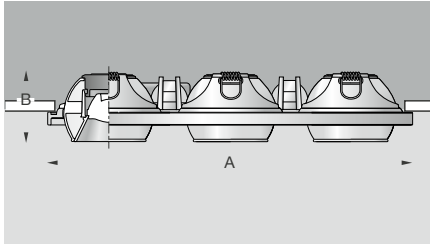
STUDIO LINE
Recessed ceiling luminaires · Triple spot · Adjustable
with wide beam and very wide beam light distribution

Luminaire housing made of high-strength synthetic material · Outside colour Velvet White or Velvet Black
Inside colour available with a choice of 3 finishes
Polymer lens made of BEGA NeoGlass®
External DALI controllable power supply unit included
Reflector inclination angle adjustable from 0° to 25°, rotatable through 355°

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

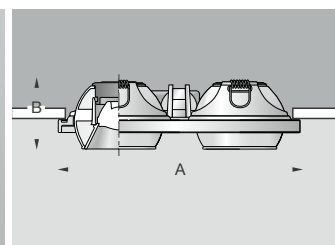20-year availability guarantee for replacement parts and LED modules

Interior colour **white**							
Velvet White	Velvet Black	LED		Controllable	β	A	B
51 363.1	**51 364.1**	15.0 W	1095 lm	DALI	23°	285	55
51 365.1	**51 366.1**	15.0 W	1095 lm	DALI	56°	285	55

Interior colour **Velvet Brass**							
Velvet White	Velvet Black	LED		Controllable	β	A	B
51 363.4	**51 364.4**	15.0 W	1080 lm	DALI	23°	285	55
51 365.4	**51 366.4**	15.0 W	1080 lm	DALI	56°	285	55

Interior colour **Velvet Copper**							
Velvet White	Velvet Black	LED		Controllable	β	A	B
51 363.6	**51 364.6**	15.0 W	1065 lm	DALI	23°	285	55
51 365.6	**51 366.6**	15.0 W	1065 lm	DALI	56°	285	55
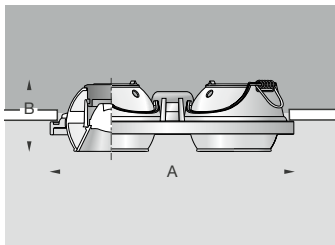
STUDIO LINE
Recessed ceiling luminaires · 4-fold spot · Adjustable
with wide beam and very wide beam light distribution

Luminaire housing made of high-strength synthetic material · Outside colour Velvet White or Velvet Black
Inside colour available with a choice of 3 finishes
Polymer lens made of BEGA NeoGlass®
External DALI controllable power supply unit included
Reflector inclination angle adjustable from 0° to 25°, rotatable through 355°

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Interior colour **white**							
Velvet White	Velvet Black	LED		Controllable	β	A	B
51 377.1	**51 378.1**	20.0 W	1460 lm	DALI	23°	190 × 190	55
51 379.1	**51 380.1**	20.0 W	1460 lm	DALI	56°	190 × 190	55

Interior colour **Velvet Brass**							
Velvet White	Velvet Black	LED		Controllable	β	A	B
51 377.4	**51 378.4**	20.0 W	1440 lm	DALI	23°	190 × 190	55
51 379.4	**51 380.4**	20.0 W	1440 lm	DALI	56°	190 × 190	55

Interior colour **Velvet Copper**							
Velvet White	Velvet Black	LED		Controllable	β	A	B
51 377.6	**51 378.6**	20.0 W	1420 lm	DALI	23°	190 × 190	55
51 379.6	**51 380.6**	20.0 W	1420 lm	DALI	56°	190 × 190	55

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

STUDIO LINE
Recessed ceiling luminaires · Downlights
for flush installation in suspended plasterboard ceilings
with wide beam light distribution

Synthetic recessed housing for ceiling installation · Cast aluminium luminaire housing
Cast zinc ceiling trim ring colour Velvet White or Velvet Black
Silicone diffusing lens
Reflector made of pure anodised aluminium · BEGA Constant Optics®

External on/off or DALI controllable power supply units
Cable between luminaire and power supply unit with convenient plug connector
Power supply units for the operation of these luminaires are accessories and must be ordered separately.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Interior colour **matt aluminium**							External power supply unit	
Velvet White	Velvet Black	LED		β	A	B	on/off	DALI
50 681.2	**50 684.2**	9.8 W	915 lm	24°	115	95	**13 143**	**13 168**
50 682.2	**50 685.2**	13.5 W	1215 lm	32°	130	100	**13 144**	**13 169**
50 683.2	**50 686.2**	19.8 W	1860 lm	35°	175	125	**13 144**	**13 170**

Interior colour **matt brass**							External power supply unit	
Velvet White	Velvet Black	LED		β	A	B	on/off	DALI
50 681.4	**50 684.4**	9.8 W	860 lm	34°	115	95	**13 143**	**13 168**
50 682.4	**50 685.4**	13.5 W	1125 lm	33°	130	100	**13 144**	**13 169**
50 683.4	**50 686.4**	19.8 W	1730 lm	40°	175	125	**13 144**	**13 170**

Interior colour **matt copper**							External power supply unit	
Velvet White	Velvet Black	LED		β	A	B	on/off	DALI
50 681.6	**50 684.6**	9.8 W	805 lm	33°	115	95	**13 143**	**13 168**
50 682.6	**50 685.6**	13.5 W	1095 lm	43°	130	100	**13 144**	**13 169**
50 683.6	**50 686.6**	19.8 W	1625 lm	43°	175	125	**13 144**	**13 170**
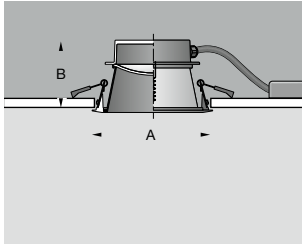
STUDIO LINE
Recessed ceiling luminaires
for installation in suspended ceilings
with wide beam light distribution

Aluminium luminaire housing · Ceiling trim ring colour Velvet White or Velvet Black
Inside colour available with a choice of 3 finishes
Translucent synthetic cover
External power supply units included on/off or DALI controllable

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Interior colour **matt aluminium**
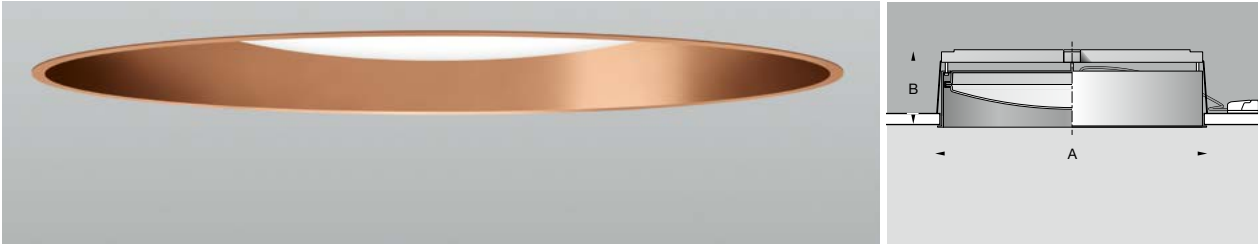
Velvet White	Velvet Black	LED		Controllable	A	B
50 815.2	**50 813.2**	9.8 W	560 lm	on/off	110	70
50 578.2	**50 576.2**	11.8 W	745 lm	on/off	130	80
50 579.2	**50 577.2**	20.0 W	1455 lm	on/off	150	90
51 071.2	**51 074.2**	9.2 W	560 lm	DALI	110	70
51 072.2	**51 075.2**	11.8 W	745 lm	DALI	130	80
51 073.2	**51 076.2**	20.0 W	1455 lm	DALI	150	90

Interior colour **matt brass**

Velvet White	Velvet Black	LED		Controllable	A	B
50 815.4	**50 813.4**	9.8 W	440 lm	on/off	110	70
50 578.4	**50 576.4**	11.8 W	605 lm	on/off	130	80
50 579.4	**50 577.4**	20.0 W	1135 lm	on/off	150	90
51 071.4	**51 074.4**	9.2 W	440 lm	DALI	110	70
51 072.4	**51 075.4**	11.8 W	605 lm	DALI	130	80
51 073.4	**51 076.4**	20.0 W	1135 lm	DALI	150	90

Interior colour **matt copper**

Velvet White	Velvet Black	LED		Controllable	A	B
50 815.6	**50 813.6**	9.8 W	400 lm	on/off	110	70
50 578.6	**50 576.6**	11.8 W	535 lm	on/off	130	80
50 579.6	**50 577.6**	20.0 W	1050 lm	on/off	150	90
51 071.6	**51 074.6**	9.2 W	400 lm	DALI	110	70
51 072.6	**51 075.6**	11.8 W	535 lm	DALI	130	80
51 073.6	**51 076.6**	20.0 W	1050 lm	DALI	150	90

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

STUDIO LINE
Large-area luminaires-recessed ceiling luminaires
with wide beam light distribution

Aluminium luminaire housing available with a choice of 3 finishes · Translucent white synthetic cover
External DALI controllable power supply unit included

BEGA Thermal Management ®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Interior colour white						
	LED		Controllable	A	B	
50 844.1	74.0 W	8040 lm	DALI	645	205	
50 845.1	86.0 W	10 520 lm	DALI	900	205	

Interior colour Velvet Brass						
	LED		Controllable	A	B	
50 844.4	74.0 W	7340 lm	DALI	645	205	
50 845.4	86.0 W	9770 lm	DALI	900	205	

Interior colour Velvet Copper						
	LED		Controllable	A	B	
50 844.6	74.0 W	7045 lm	DALI	645	205	
50 845.6	86.0 W	9475 lm	DALI	900	205	

STUDIO LINE
Recessed ceiling luminaires
with wide beam light distribution

Aluminium luminaire housing available with a choice of 3 finishes · Translucent white synthetic cover
BEGA Thermal Management®

External on/off or DALI controllable power supply units
Cable between luminaire and power supply unit with convenient plug connector
Power supply units for the operation of these luminaires are accessories and must be ordered separately.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**
20-year availability guarantee for replacement parts and LED modules

Interior colour white					External power supply unit	
	LED		A	B	on/off	DALI
50 892.1	20.5 W	2025 lm	295	145	**13 177**	**13 173**
50 893.1	31.5 W	2960 lm	395	150	**13 178**	**13 174**
50 894.1	47.6 W	4250 lm	465	165	**13 179**	**13 175**

Interior colour matt brass					External power supply unit	
	LED		A	B	on/off	DALI
50 892.4	20.5 W	1,525 lm	295	145	**13 177**	**13 173**
50 893.4	31.5 W	2505 lm	395	150	**13 178**	**13 174**
50 894.4	47.6 W	3545 lm	465	165	**13 179**	**13 175**

Interior colour matt copper					External power supply unit	
	LED		A	B	on/off	DALI
50 892.6	20.5 W	1350 lm	295	145	**13 177**	**13 173**
50 893.6	31.5 W	2360 lm	395	150	**13 178**	**13 174**
50 894.6	47.6 W	3350 lm	465	165	**13 179**	**13 175**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Ceiling luminaires · Compact downlights
Symmetrical-narrow beam or symmetrical-wide beam light distribution

Protection class IP 65 · Cast aluminium · Colour white
Safety glass · Reflector surface made of pure aluminium
BEGA Vortex Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Symmetrical narrow beam

	LED		Controllable	β	A	B	
50 162.1	4.1 W	285 lm	on/off	21°	95 × 95	90	
50 163.1	9.5 W	660 lm	on/off	25°	95 × 95	90	
50 164.1	19.7 W	1455 lm	DALI	25°	130 × 130	100	

Symmetrical wide beam

	LED		Controllable	β	A	B	
50 166.1	4.1 W	345 lm	on/off	38°	95 × 95	90	
50 167.1	9.5 W	850 lm	on/off	38°	95 × 95	90	
50 168.1	19.7 W	1725 lm	DALI	38°	130 × 130	100	

Swivelling and tilting ceiling luminaires
Symmetrical wide beam light distribution using BEGA Vortex Optics® or
Zoom optics with adjustable light distribution

Luminaire housing made of cast aluminium available with a choice of 2 finishes
Symmetrical wide beam: Reflector surface made of pure aluminium
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Reflector inclination angle swivelling from 0° to 93°, rotatable through 355°

For luminaires with zoom optics, half beam angles between 14° and 56° can be set by simply
moving the lens unit.

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
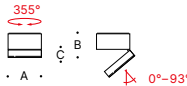
Symmetrical wide beam

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
51 311.1	**51 311.5**	8.2 W	730 lm	on/off	48°	90	65	20
51 312.1	**51 312.5**	15.2 W	1315 lm	DALI	48°	120	75	20
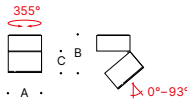
Zoom optics adjustable from 14° – 56°

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
51 340.1	**51 340.5**	10.0 W	360 – 520 lm	on/off	14° – 52°	90	100	55
51 341.1	**51 341.5**	20.4 W	955 – 1490 lm	DALI	15° – 56°	120	125	70
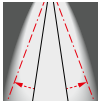
BEGA Hybrid Optics®

Ceiling luminaires · Downlights
Symmetrical narrow beam, symmetrical wide beam, symmetrical very wide beam,
asymmetrical wide beam light distribution or Zoom optics with adjustable light distribution

Luminaire housing made of cast aluminium available with a choice of 2 finishes
Reflector surface made of pure aluminium · Safety glass · Chrome trim ring
We can also deliver the chrome trim rings in the exterior colour on request.

Luminaires with adjustable zoom optics:
Half beam angle adjustable between 14° and 60° by turning the lens unit
Optical diffuser filters for modifying the light distribution · Velvet White or Velvet Black trim ring
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Symmetrical narrow beam light distribution · BEGA Hybrid Optics®

Velvet White	Velvet Black	LED		Controllable	β	A	B
50 924.1	**50 924.5**	9.5 W	1160 lm	on/off	16°	90	90
50 486.1	**50 486.5**	13.5 W	1645 lm	DALI	20°	120	115
50 487.1	**50 487.5**	19.2 W	2340 lm	DALI	14°	135	125
50 488.1	**50 488.5**	27.0 W	3750 lm	DALI	18°	180	150

Symmetrical wide beam light distribution · BEGA Hybrid Optics®

Velvet White	Velvet Black	LED		Controllable	β	A	B
50 926.1	**50 926.5**	9.5 W	1170 lm	on/off	27°	90	90
50 474.1	**50 474.5**	13.5 W	1720 lm	DALI	39°	120	115
50 475.1	**50 475.5**	19.2 W	2380 lm	DALI	31°	135	125
50 476.1	**50 476.5**	27.0 W	3775 lm	DALI	29°	180	150

Symmetrical very wide beam light distribution · BEGA Hybrid Optics®

Velvet White	Velvet Black	LED		Controllable	β	A	B
50 928.1	**50 928.5**	9.5 W	1165 lm	on/off	51°	90	90
50 489.1	**50 489.5**	13.5 W	1610 lm	DALI	78°	120	115
50 490.1	**50 490.5**	19.2 W	2300 lm	DALI	62°	135	125
50 491.1	**50 491.5**	27.0 W	3655 lm	DALI	58°	180	150

Asymmetrical very wide beam light distribution · BEGA Constant Optics®

Velvet White	Velvet Black	LED		Controllable	β	A	B
50 492.1	**50 492.5**	13.2 W	1605 lm	DALI	64/68°	120	115
50 493.1	**50 493.5**	19.2 W	2245 lm	DALI	65/69°	135	125
50 494.1	**50 494.5**	27.0 W	3565 lm	DALI	65/68°	180	150

Zoom optics
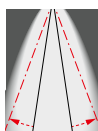
Zoom optics adjustable from 14° – 60°

Velvet White	Velvet Black	LED		Controllable	β	A	B
51 188.1	**51 188.5**	10.0 W	400 – 580 lm	on/off	14° – 51°	90	90
51 189.1	**51 189.5**	25.0 W	1110 – 1765 lm	DALI	15° – 50°	120	115
51 215.1	**51 215.5**	36.5 W	1130 – 2240 lm	DALI	14° – 60°	135	125

Optical diffuser filters for downlights with adjustable zoom optics

	Flat beam	Asymmetrical	Symmetrical diffused
For 51 188.1 + .5	**13 291**	**13 292**	**13 293**
For 51 189.1 + .5	**13 294**	**13 295**	**13 296**
For 51 215.1 + .5	**13 324**	**13 325**	**13 326**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Ceiling luminaires
Symmetrical very wide beam light distribution

Metal housing available with a choice of 2 finishes · Closed satin matt three-ply opal glass
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Colour white

	LED		Controllable	A	B
23 846.1	4.1 W	310 lm	on/off	100	95
23 966.1	7.6 W	565 lm	on/off	125	95
23 967.1	11.2 W	965 lm	DALI	145	110
34 021.1	15.6 W	1265 lm	DALI	190	130

Stainless steel finish

	LED		Controllable	A	B
23 846.2	4.1 W	310 lm	on/off	100	95
23 966.2	7.6 W	565 lm	on/off	125	95
23 967.2	11.2 W	965 lm	DALI	145	110
34 021.2	15.6 W	1265 lm	DALI	190	130

● New in the range   β = Half beam angle

Ceiling luminaires · Downlights
Symmetrical very wide beam light distribution

Luminaire housing made of cast aluminium · Colour Velvet White
Partially frosted crystal glass · Reflector made of pure anodised aluminium · Silicone diffusing lens · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Colour Velvet White

	LED		Controllable	β	A	B
51 211.1	19.0 W	1495 lm	DALI	55°	120	135
51 212.1	24.0 W	1880 lm	DALI	51°	135	145
51 213.1	35.3 W	3045 lm	DALI	49°	180	175

Ceiling luminaires
Symmetrical very wide beam light distribution

Luminaire housing made of cast aluminium · Colour Velvet White
Partially frosted crystal glass · Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27,** 3000 K – article number + **K3**
or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Colour Velvet White

	LED		Controllable	β	A	B
50 565.1	9.7 W	985 lm	on/off	95°	120	75
50 567.1	13.5 W	1390 lm	on/off	94°	135	80
50 568.1	13.5 W	1390 lm	DALI	94°	135	80
50 570.1	19.0 W	2080 lm	DALI	86°	180	95

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Ceiling luminaires
Unshielded light with optionally added downlight

White, translucent synthetic cover
Ceiling fitting and interior surface available with a choice of 2 finishes
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
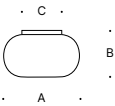
Colour matt brass

	LED			Controllable	β	A	B	C
51 350.4	8.6 W	1060 lm		on/off	–	200	120	110
51 351.4	22.0 W	2275 lm	with integral downlight	DALI	63°	250	145	140
51 352.4	34.5 W	3880 lm	with integral downlight	DALI	72°	350	210	195

Colour matt copper

	LED			Controllable	β	A	B	C
51 350.6	8.6 W	1060 lm		on/off	–	200	120	110
51 351.6	22.0 W	2275 lm	with integral downlight	DALI	63°	250	145	140
51 352.6	34.5 W	3880 lm	with integral downlight	DALI	72°	350	210	195

● New in the range   β = Half beam angle

Ceiling luminaires · Downlights with glare suppression

Luminaire housing made of cast aluminium · Cast zinc ceiling trim ring
Outside colour Velvet White or Velvet Black
BEGA NeoGlass® polymer lens
Synthetic mesh structure reflector available with a choice of 3 colours
on/off or DALI controllable power supply units

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Interior colour **Velvet Black**							
Velvet White	Velvet Black	LED		Controllable	β	A	B
51 448.5	51 452.5	9.5 W	960 lm	on/off	40°	90	90
51 449.5	51 453.5	14.2 W	1270 lm	DALI	40°	120	115
51 450.5	51 454.5	19.2 W	2105 lm	DALI	60°	135	125
51 451.5	51 455.5	27.0 W	3130 lm	DALI	55°	180	150

Interior colour **Velvet Brass**							
Velvet White	Velvet Black	LED		Controllable	β	A	B
51 448.4	51 452.4	9.5 W	980 lm	on/off	40°	90	90
51 449.4	51 453.4	14.2 W	1295 lm	DALI	40°	120	115
51 450.4	51 454.4	19.2 W	2115 lm	DALI	60°	135	125
51 451.4	51 455.4	27.0 W	3175 lm	DALI	55°	180	150

Interior colour **Velvet Copper**							
Velvet White	Velvet Black	LED		Controllable	β	A	B
51 448.6	51 452.6	9.5 W	970 lm	on/off	40°	90	90
51 449.6	51 453.6	14.2 W	1285 lm	DALI	40°	120	115
51 450.6	51 454.6	19.2 W	2110 lm	DALI	60°	135	125
51 451.6	51 455.6	27.0 W	3170 lm	DALI	55°	180	150

The next-generation glare suppression technology used in the recessed ceiling luminaire shown here offers exceptional visual comfort and sets new illumination standards. The sophisticated conical mesh texture ensures lateral glare suppression even at near level view angles.

Matching recessed luminaires Page 321

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

STUDIO LINE ceiling luminaires
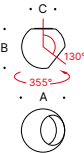

STUDIO LINE
Ceiling luminaires
Symmetrical wide beam light distribution

Metal housing with outside colour Velvet White or Velvet Black · Chrome trim ring
Inside colour available with a choice of 3 finishes
Reflector made of pure anodised aluminium · Silicone diffusing lens · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Interior colour **matt aluminium**

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
50 856.2	**50 858.2**	10.0 W	885 lm	DALI	24°	140	114	80
50 857.2	**50 859.2**	13.5 W	1220 lm	DALI	32°	190	145	110

Interior colour **matt brass**

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
50 856.4	**50 858.4**	10.0 W	805 lm	DALI	24°	140	114	80
50 857.4	**50 859.4**	13.5 W	1150 lm	DALI	35°	190	145	110

Interior colour **matt copper**

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
50 856.6	**50 858.6**	10.0 W	775 lm	DALI	24°	140	114	80
50 857.6	**50 859.6**	13.5 W	1115 lm	DALI	39°	190	145	110

STUDIO LINE
Ceiling luminaires
Asymmetrical light distribution

Metal housing with outside colour Velvet White or Velvet Black · Chrome trim ring
Inside colour available with a choice of 3 finishes
Reflector made of pure anodised aluminium · Silicone diffusing lens · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Interior colour **matt aluminium**

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
50 849.2	**50 847.2**	10.0 W	880 lm	DALI	24°	140	130	80
50 850.2	**50 848.2**	13.5 W	1220 lm	DALI	32°	190	170	110

Interior colour **matt brass**

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
50 849.4	**50 847.4**	10.0 W	805 lm	DALI	24°	140	130	80
50 850.4	**50 848.4**	13.5 W	1150 lm	DALI	35°	190	170	110

Interior colour **matt copper**

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
50 849.6	**50 847.6**	10.0 W	775 lm	DALI	24°	140	130	80
50 850.6	**50 848.6**	13.5 W	1115 lm	DALI	39°	190	170	110
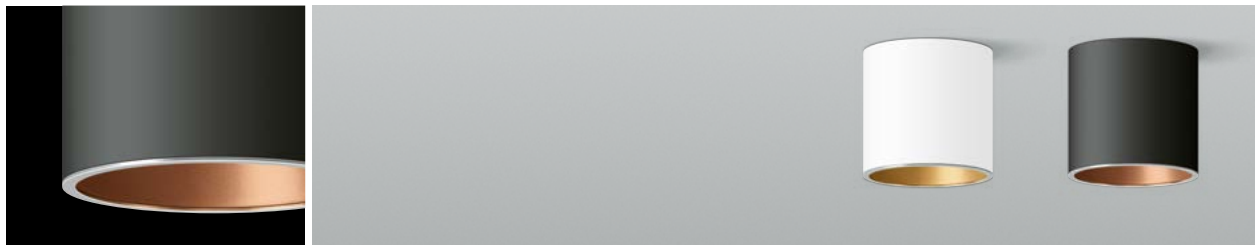
STUDIO LINE
Ceiling luminaires · Downlights
Symmetrical wide beam light distribution

Metal housing with outside colour Velvet White or Velvet Black · Chrome trim ring
We can also deliver the chrome trim rings in the exterior colour on request.
Inside colour available with a choice of 3 finishes
Reflector made of pure anodised aluminium · Silicone diffusing lens · BEGA Constant Optics®
on/off or DALI controllable or BEGA Smart controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Interior colour **matt aluminium**

Velvet White	Velvet Black	LED		Controllable	β	A	B
50 932.2	**50 931.2**	5.0 W	380 lm	on/off	22°	90	90
51 410.2	**51 411.2**	5.4 W	380 lm	BEGA Smart	22°	90	90
50 677.2	**50 674.2**	9.8 W	915 lm	DALI	24°	120	115
50 678.2	**50 675.2**	13.7 W	1215 lm	DALI	32°	135	125
50 679.2	**50 676.2**	19.0 W	1860 lm	DALI	35°	180	150

Interior colour **matt brass**

Velvet White	Velvet Black	LED		Controllable	β	A	B
50 932.4	**50 931.4**	5.0 W	345 lm	on/off	23°	90	90
51 410.4	**51 411.4**	5.4 W	345 lm	BEGA Smart	23°	90	90
50 677.4	**50 674.4**	9.8 W	860 lm	DALI	34°	120	115
50 678.4	**50 675.4**	13.7 W	1125 lm	DALI	33°	135	125
50 679.4	**50 676.4**	19.0 W	1730 lm	DALI	40°	180	150

Interior colour **matt copper**

Velvet White	Velvet Black	LED		Controllable	β	A	B
50 932.6	**50 931.6**	5.0 W	325 lm	on/off	23°	90	90
51 410.6	**51 411.6**	5.4 W	325 lm	BEGA Smart	23°	90	90
50 677.6	**50 674.6**	9.8 W	805 lm	DALI	33°	120	115
50 678.6	**50 675.6**	13.7 W	1095 lm	DALI	43°	135	125
50 679.6	**50 676.6**	19.0 W	1625 lm	DALI	43°	180	150

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

STUDIO LINE ceiling luminaires
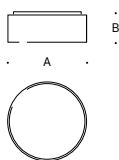

STUDIO LINE
Ceiling luminaires

Metal housing with outside colour Velvet White or Velvet Black
Impact-resistant, white, translucent synthetic cover BEGA NeoGlass®
Inside colour available with a choice of 4 finishes

Luminaires with LED module:
on/off or DALI controllable power supply units · BEGA Thermal Management®
Colour rendering index (CRI) > 90
Colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour rendering index (CRI) > 80
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacement parts and LED modules
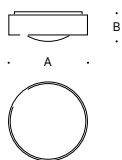
Interior colour **white**

Velvet White	Velvet Black	LED module		Controllable	A	B
51 077.1	**51 049.1**	15.5 W	1225 lm	on/off	260	90
51 078.1	**51 050.1**	29.4 W	2800 lm	DALI	360	100
51 079.1	**51 051.1**	47.4 W	4465 lm	DALI	430	120

Velvet White	Velvet Black	LED lamps		Socket		
51 080.1	**51 052.1**	1 × 12 W	855 lm	E 27	260	90
51 081.1	**51 053.1**	2 × 12 W	1705 lm	E 27	360	100

Interior colour **matt aluminium**

Velvet White	Velvet Black	LED module		Controllable	A	B
51 077.2	**51 049.2**	15.5 W	1210 lm	on/off	260	90
51 078.2	**51 050.2**	29.4 W	2755 lm	DALI	360	100
51 079.2	**51 051.2**	47.4 W	4370 lm	DALI	430	120

Velvet White	Velvet Black	LED lamps		Socket		
51 080.2	**51 052.2**	1 × 12 W	830 lm	E 27	260	90
51 081.2	**51 053.2**	2 × 12 W	1635 lm	E 27	360	100

Interior colour **matt brass**

Velvet White	Velvet Black	LED module		Controllable	A	B
51 077.4	**51 049.4**	15.5 W	1180 lm	on/off	260	90
51 078.4	**51 050.4**	29.4 W	2705 lm	DALI	360	100
51 079.4	**51 051.4**	47.4 W	4265 lm	DALI	430	120

Velvet White	Velvet Black	LED lamps		Socket		
51 080.4	**51 052.4**	1 × 12 W	800 lm	E 27	260	90
51 081.4	**51 053.4**	2 × 12 W	1595 lm	E 27	360	100

Interior colour **matt copper**

Velvet White	Velvet Black	LED module		Controllable	A	B
51 077.6	**51 049.6**	15.5 W	1165 lm	on/off	260	90
51 078.6	**51 050.6**	29.4 W	2680 lm	DALI	360	100
51 079.6	**51 051.6**	47.4 W	4200 lm	DALI	430	120

Velvet White	Velvet Black	LED lamps		Socket		
51 080.6	**51 052.6**	1 × 12 W	785 lm	E 27	260	90
51 081.6	**51 053.6**	2 × 12 W	1565 lm	E 27	360	100

STUDIO LINE
Ceiling luminaires
Shielded light

Metal housing with outside colour Velvet White or Velvet Black
Impact-resistant, white, translucent synthetic cover BEGA NeoGlass®
Inside colour available with a choice of 4 finishes

Luminaires with LED module:
on/off or DALI controllable power supply units · BEGA Thermal Management®
Colour rendering index (CRI) > 90
Colour temperature: 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour rendering index (CRI) > 80
Colour temperature: 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacement parts and LED modules

Interior colour **white**

Velvet White	Velvet Black	LED module		Controllable	A	B
51 017.1	**51 012.1**	15.5 W	1125 lm	on/off	260	105
51 018.1	**51 013.1**	29.4 W	2745 lm	DALI	360	120
51 019.1	**51 014.1**	47.4 W	4270 lm	DALI	430	145
Velvet White	Velvet Black	LED lamps		Socket		
51 020.1	**51 015.1**	1 × 12 W	880 lm	E 27	260	105
51 021.1	**51 016.1**	2 × 12 W	1570 lm	E 27	360	120

Interior colour **matt aluminium**

Velvet White	Velvet Black	LED module		Controllable	A	B
51 017.2	**51 012.2**	15.5 W	1025 lm	on/off	260	105
51 018.2	**51 013.2**	29.4 W	2575 lm	DALI	360	120
51 019.2	**51 014.2**	47.4 W	3915 lm	DALI	430	145
Velvet White	Velvet Black	LED lamps		Socket		
51 020.2	**51 015.2**	1 × 12 W	805 lm	E 27	260	105
51 021.2	**51 016.2**	2 × 12 W	1430 lm	E 27	360	120

Interior colour **matt brass**

Velvet White	Velvet Black	LED module		Controllable	A	B
51 017.4	**51 012.4**	15.5 W	960 lm	on/off	260	105
51 018.4	**51 013.4**	29.4 W	2455 lm	DALI	360	120
51 019.4	**51 014.4**	47.4 W	3495 lm	DALI	430	145
Velvet White	Velvet Black	LED lamps		Socket		
51 020.4	**51 015.4**	1 × 12 W	755 lm	E 27	260	105
51 021.4	**51 016.4**	2 × 12 W	1340 lm	E 27	360	120

Interior colour **matt copper**

Velvet White	Velvet Black	LED module		Controllable	A	B
51 017.6	**51 012.6**	15.5 W	935 lm	on/off	260	105
51 018.6	**51 013.6**	29.4 W	2345 lm	DALI	360	120
51 019.6	**51 014.6**	47.4 W	3300 lm	DALI	430	145
Velvet White	Velvet Black	LED lamps		Socket		
51 020.6	**51 015.6**	1 × 12 W	730 lm	E 27	260	105
51 021.6	**51 016.6**	2 × 12 W	1260 lm	E 27	360	120

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

STUDIO LINE
Ceiling luminaires · Large-area luminaires
Shielded light

Metal housing with outside colour Velvet White or Velvet Black
Translucent white synthetic cover · Inside colour available with a choice of 4 finishes
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
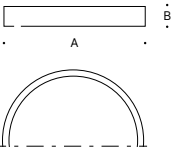
Interior colour **Velvet White**

Velvet White	Velvet Black	LED		Controllable	A	B
50 794.1	**50 790.1**	100.0 W	10 800 lm	DALI	1000	200
50 795.1	**50 791.1**	134.0 W	15 500 lm	DALI	1300	200
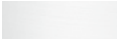
Interior colour **aluminium**

Velvet White	Velvet Black	LED		Controllable	A	B
50 794.2	**50 790.2**	100.0 W	10 990 lm	DALI	1000	200
50 795.2	**50 791.2**	134.0 W	16 200 lm	DALI	1300	200

Interior colour **Velvet Brass**

Velvet White	Velvet Black	LED		Controllable	A	B
50 794.4	**50 790.4**	100.0 W	10 770 lm	DALI	1000	200
50 795.4	**50 791.4**	134.0 W	15 885 lm	DALI	1300	200

Interior colour **Velvet Copper**

Velvet White	Velvet Black	LED		Controllable	A	B
50 794.6	**50 790.6**	100.0 W	10 470 lm	DALI	1000	200
50 795.6	**50 791.6**	134.0 W	15 250 lm	DALI	1300	200

Ceiling luminaires
Unshielded light

Metal trim ring and synthetic housing available with 4 finishes
White silicone diffusor
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) >90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
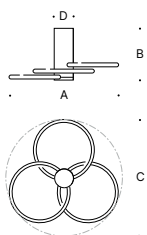
Colour Velvet White

	LED		Controllable	A	B	C	D
51 275.1	38.5 W	3640 lm	DALI	420	200	445	70

Colour Velvet Black

	LED		Controllable	A	B	C	D
51 275.5	38.5 W	3640 lm	DALI	420	200	445	70

Colour Velvet Brass

	LED		Controllable	A	B	C	D
51 275.4	38.5 W	3640 lm	DALI	420	200	445	70

Colour Velvet Copper

	LED		Controllable	A	B	C	D
51 275.6	38.5 W	3640 lm	DALI	420	200	445	70
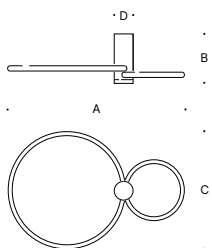
Colour Velvet White

	LED		Controllable	A	B	C	D
51 274.1	38.5 W	3590 lm	DALI	635	175	420	70

Colour Velvet Black

	LED		Controllable	A	B	C	D
51 274.5	38.5 W	3590 lm	DALI	635	175	420	70

Colour Velvet Brass

	LED		Controllable	A	B	C	D
51 274.4	38.5 W	3590 lm	DALI	635	175	420	70

Colour Velvet Copper

	LED		Controllable	A	B	C	D
51 274.6	38.5 W	3590 lm	DALI	635	175	420	70

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Track spotlights
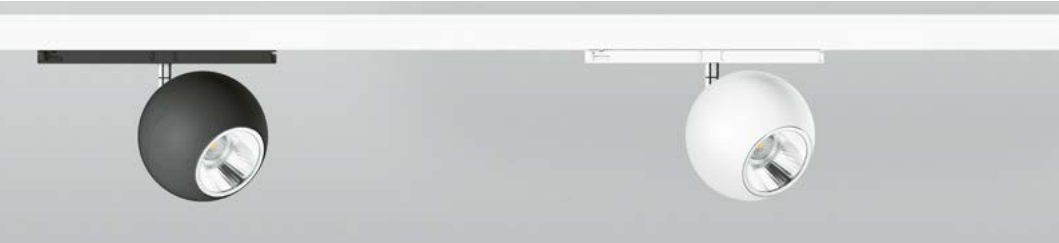
with adapter for 3-phase Eurostandard Plus® track systems
Symmetrical narrow beam, symmetrical wide beam or symmetrical very wide beam light distribution

Luminaire housing made of cast aluminium available with a choice of 2 finishes
Reflector surface made of pure aluminium · Safety glass · Optical silicone lens · BEGA Hybrid Optics®
Trim ring and adjustable joint: Chrome finish
DALI controllable power supply units

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

On request, BEGA track spotlights can also be delivered with adapters for other track spotlight systems.
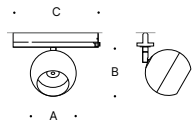
Symmetrical narrow beam

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
50 964.1	50 964.5	14.5 W	1295 lm	DALI	16°	140	145	260

Symmetrical wide beam

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
50 965.1	50 965.5	14.5 W	1315 lm	DALI	32°	140	145	260

Symmetrical very wide beam

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
50 966.1	50 966.5	14.5 W	1310 lm	DALI	58°	140	145	260
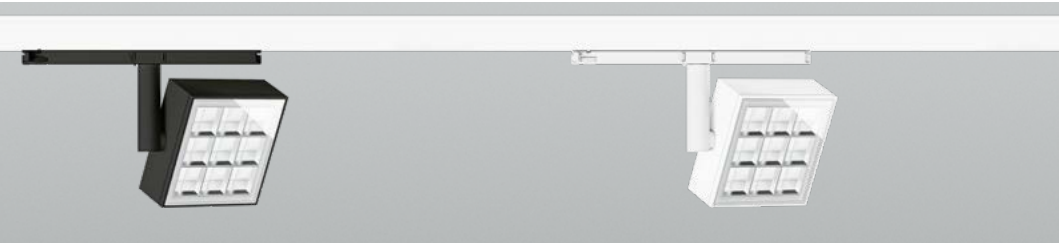
Track spotlights

with adapter for 3-phase Eurostandard Plus® track systems
Symmetrical very wide beam or asymmetrical wide beam light distribution

Luminaire housing made of cast aluminium available with a choice of 2 finishes
Reflector surface made of pure aluminium · Safety glass
DALI controllable power supply units

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

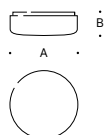On request, BEGA track spotlights can also be delivered with adapters for other track spotlight systems.
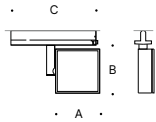
Symmetrical very wide beam · BEGA Constant Optics®

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
51 055.1	51 055.5	25.0 W	1735 lm	DALI	90°	95×95	100	260
51 084.1	51 084.5	36.0 W	2655 lm	DALI	90°	130×130	145	260

Asymmetrical wide beam · BEGA Vortex Optics®

Velvet White	Velvet Black	LED		Controllable	β	A	B	C
51 054.1	51 054.5	25.0 W	1505 lm	DALI	46°/52°	95×95	100	260
51 083.1	51 083.5	36.0 W	2570 lm	DALI	46°/52°	130×130	145	260

β = Half beam angle

| Type A | Type B | Type C |

14° – 52°

Track spotlights
with adapter for 3-phase Eurostandard Plus® track systems
Symmetrical wide beam or symmetrical very wide beam light distribution or zoom optics with adjustable light distribution
Track spotlights for additive colour mixing RGBW

Luminaire housing made of cast aluminium, available with a choice of two finishes · Reflector surface made of pure aluminium
We can also deliver the chrome trim rings in the exterior colour on request.
Safety glass · Optical silicone lens · BEGA Hybrid Optics®
Optical diffuser filters are available as accessories to modify the light distribution: flat beam, symmetrical diffuse or asymmetrical.
RGBW track spotlights: BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

The RGBW-luminaires in this series can be controlled using a DALI colour light control (DT 8, RGBWAF, xy),
and the tunable white luminaires using a DALI colour light control (DT 8, TW).
Matching DALI system components can be found on Pages 428 to 433.

Colour rendering index (CRI) > 90
Also available as custom-made product with colour rendering index (CRI) 97
Tunable white luminaires: (CRI) > 80

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**
Colour temperature of tunable white luminaires adjustable from 2700 to 6500 K

20-year availability guarantee for replacement parts and LED modules

On request, BEGA track spotlights can also be delivered with adapters for other track spotlight systems.
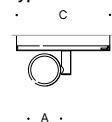
Type A   **Type B**   **Type C**
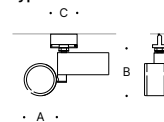
Symmetrical wide beam
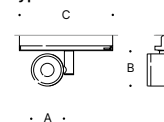
Velvet White	Velvet Black		LED		Controllable	β	A	B	C		Flat beam	Sym. diffused	Asymmetrical
51 037.1	51 037.5	Type A	14.5 W	1200 lm	DALI	28°	90	100	260		13 287	13 310	13 309
51 061.1	51 061.5	Type A	37.5 W	3010 lm	DALI	36°	120	140	260		13 288	13 312	13 311
51 068.1	51 068.5	Type B	28.5 W	2085 lm	DALI	21°	90	150	90		13 287	13 310	13 309
51 069.1	51 069.5	Type B	46.5 W	3470 lm	DALI	20°	135	170	90		13 321	13 323	13 322

Optical diffuser filters

Symmetrical very wide beam

Velvet White	Velvet Black		LED		Controllable	β	A	B	C		Flat beam	Sym. diffused	Asymmetrical
51 038.1	51 038.5	Type A	14.5 W	1220 lm	DALI	55°	90	100	260		13 287	13 310	13 309
51 062.1	51 062.5	Type A	37.5 W	2985 lm	DALI	70°	120	140	260		13 288	13 312	13 311
51 180.1	51 180.5	Type B	28.5 W	2160 lm	DALI	48°	90	150	90		13 287	13 310	13 309
51 181.1	51 181.5	Type B	46.5 W	3370 lm	DALI	43°	135	170	90		13 321	13 323	13 322

Optical diffuser filters

Symmetrical wide beam · RGBW

Velvet White	Velvet Black		LED		Controllable	β	A	B	C		Flat beam	Sym. diffused	Asymmetrical
51 184.1	51 184.5	Type B	15.6 W	875 lm	DALI DT8	15°	90	150	90		13 287	13 310	13 309
51 185.1	51 185.5	Type B	29.5 W	1580 lm	DALI DT8	25°	135	170	90		13 321	13 323	13 322

Optical diffuser filters

Symmetrical very wide beam · RGBW

Velvet White	Velvet Black		LED		Controllable	β	A	B	C		Flat beam	Sym. diffused	Asymmetrical
51 139.1	51 139.5	Type B	15.6 W	855 lm	DALI DT8	65°	90	150	90		13 287	13 310	13 309
51 140.1	51 140.5	Type B	29.5 W	1275 lm	DALI DT8	50°	135	170	90		13 321	13 323	13 322

Optical diffuser filters

Symmetrical wide beam · Tunable white · 2700 – 6500 K

Velvet White	Velvet Black		LED		Controllable	β	A	B	C		Flat beam	Sym. diffused	Asymmetrical
51 141.1	51 141.5	Type B	15.0 W	1300 lm	DALI DT8	21°	90	150	90		13 287	13 310	13 309
51 142.1	51 142.5	Type B	20.0 W	1705 lm	DALI DT8	20°	135	170	90		13 321	13 323	13 322

Optical diffuser filters

Symmetrical very wide beam · Tunable white · 2700 – 6500 K

Velvet White	Velvet Black		LED		Controllable	β	A	B	C		Flat beam	Sym. diffused	Asymmetrical
51 182.1	51 182.5	Type B	15.0 W	1330 lm	DALI DT8	45°	90	150	90		13 287	13 310	13 309
51 183.1	51 183.5	Type B	20.0 W	1645 lm	DALI DT8	44°	135	170	90		13 321	13 323	13 322

Optical diffuser filters

Zoom optics adjustable from 14° – 52°

Velvet White	Velvet Black		LED		Controllable	A	B	C		Flat beam	Sym. diffused	Asymmetrical
51 066.1	51 066.5	Type C	15.0 W	495–665 lm	DALI	14 – 52°	90	100	260		13 291	13 293	13 292
51 067.1	51 067.5	Type C	29.5 W	1110–1660 lm	DALI	16 – 40°	120	140	260		13 294	13 296	13 295

Optical diffuser filters

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

Luminaires in the PRIMA series are designed for all applications requiring reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile – with durable LED technology.
Luminaires with satin matt, hand-blown opal glass or impact-resistant, translucent white synthetic cover.

For on/off operation, DALI controllable, with motion sensor and as emergency lighting luminaires with integrated single battery for 3 hours of emergency operation.

Without trim ring

With trim ring
Colour **white**

With trim ring
Colour **palladium**

With trim ring
Colour **bright silver**

PRIMA
Ceiling and wall luminaires

Metal fitting, colour white
Satin matt opal glass or translucent white synthetic cover
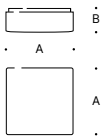BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27**, 3000 K – article number + **K3** or
4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Separate metal trim rings in 3 finishes allow the luminaires to be matched to different interior materials.
Trim rings are accessories and must be ordered separately.

Emergency luminaires with single emergency lighting battery 4 W · 3 h including automatic self-test.

Opal glass		Synthetic material		LED	Integrated components	A	B	Trim rings		
								White	Palladium	Bright silver
50 029	670 lm	50 029 P	985 lm	10.5 W	on/off power supply unit	250	95	13 001	13 002	13 003
50 030	1000 lm	50 030 P	1410 lm	15.5 W	on/off power supply unit	250	95	13 001	13 002	13 003
50 031	1470 lm	50 031 P	2145 lm	19.6 W	on/off power supply unit	350	110	13 004	13 005	13 006
50 032	2590 lm	50 032 P	3385 lm	31.1 W	on/off power supply unit	350	110	13 004	13 005	13 006
50 033	2820 lm	50 033 P	3590 lm	31.0 W	on/off power supply unit	420	125	13 007	13 008	13 009
50 034	3985 lm	50 034 P	5070 lm	48.0 W	on/off power supply unit	420	125	13 007	13 008	13 009
50 035	1470 lm	50 035 P	2145 lm	19.6 W	DALI power supply unit	350	110	13 004	13 005	13 006
50 036	2590 lm	50 036 P	3385 lm	29.4 W	DALI power supply unit	350	110	13 004	13 005	13 006
50 037	2820 lm	50 037 P	3590 lm	31.0 W	DALI power supply unit	420	125	13 007	13 008	13 009
50 038	3985 lm	50 038 P	5070 lm	47.4 W	DALI power supply unit	420	125	13 007	13 008	13 009
50 039	670 lm	50 039 P	985 lm	10.5 W	HF-motion sensor	250	95	13 001	13 002	13 003
50 040	1000 lm	50 040 P	1410 lm	16.8 W	HF-motion sensor	250	95	13 001	13 002	13 003
50 041	1470 lm	50 041 P	2145 lm	21.5 W	HF-motion sensor	350	110	13 004	13 005	13 006
50 042	2590 lm	50 042 P	3385 lm	32.2 W	HF-motion sensor	350	110	13 004	13 005	13 006
50 043	2820 lm	50 043 P	3590 lm	33.0 W	HF-motion sensor	420	125	13 007	13 008	13 009
50 044	3985 lm	50 044 P	5070 lm	48.8 W	HF-motion sensor	420	125	13 007	13 008	13 009
50 735	1470 lm*	50 735 P	2145 lm*	21.0 W	with single emergency lighting battery 4 W · 3 h	350	110	13 004	13 005	13 006
50 736	2820 lm*	50 736 P	3590 lm*	33.5 W	with single emergency lighting battery 4 W · 3 h	420	125	13 007	13 008	13 009

* Luminaire luminous flux in mains operation. You can find technical data on emergency operation in the data sheets for the luminaires on our website.

With trim ring
Colour **white**

With trim ring
Colour **palladium**

With trim ring
Colour **bright silver**

Luminaires in the PRIMA series are designed for all applications requiring reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile – with durable LED technology.
Luminaires with satin matt, hand-blown opal glass or impact-resistant, translucent white synthetic cover.

For on/off operation, DALI controllable, with motion sensor and as emergency lighting luminaires with integrated single battery for 3 hours of emergency operation.

Without trim ring

PRIMA
Ceiling and wall luminaires

Metal fitting, colour white
Satin matt opal glass or translucent white synthetic cover BEGA NeoGlass®
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Separate metal trim rings in 3 finishes allow the luminaires to be matched to different interior materials.
Trim rings are accessories and must be ordered separately.

Emergency luminaires with single emergency lighting battery 4 W · 3 h including automatic self-test.
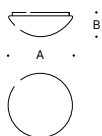
Opal glass		Synthetic material		LED	Integrated components	A	B	Trim rings		
								White	Palladium	Bright silver
12 132	710 lm	12 132 P	880 lm	10.5 W	on/off power supply unit	250	90	13 001	13 002	13 003
12 133	1025 lm	12 133 P	1315 lm	15.5 W	on/off power supply unit	250	90	13 001	13 002	13 003
12 138	1645 lm	12 138 P	1890 lm	19.6 W	on/off power supply unit	350	100	13 004	13 005	13 006
12 139	2595 lm	12 139 P	3085 lm	31.1 W	on/off power supply unit	350	100	13 004	13 005	13 006
50 015	2370 lm	50 015 P	3485 lm	31.0 W	on/off power supply unit	420	115	13 007	13 008	13 009
50 016	3700 lm	50 016 P	4850 lm	48.0 W	on/off power supply unit	420	115	13 007	13 008	13 009
12 140	1645 lm	12 140 P	1890 lm	19.6 W	DALI power supply unit	350	100	13 004	13 005	13 006
12 141	2595 lm	12 141 P	3085 lm	29.4 W	DALI power supply unit	350	100	13 004	13 005	13 006
50 017	2370 lm	50 017 P	3485 lm	31.0 W	DALI power supply unit	420	115	13 007	13 008	13 009
50 018	3700 lm	50 018 P	4850 lm	47.4 W	DALI power supply unit	420	115	13 007	13 008	13 009
12 136	710 lm	12 136 P	880 lm	10.5 W	HF-motion sensor	250	90	13 001	13 002	13 003
12 137	1025 lm	12 137 P	2300 lm	16.8 W	HF-motion sensor	250	90	13 001	13 002	13 003
12 142	1645 lm	12 142 P	1890 lm	21.5 W	HF-motion sensor	350	100	13 004	13 005	13 006
12 143	2595 lm	12 143 P	3085 lm	32.2 W	HF-motion sensor	350	100	13 004	13 005	13 006
50 019	2370 lm	50 019 P	3485 lm	33.0 W	HF-motion sensor	420	115	13 007	13 008	13 009
50 020	3700 lm	50 020 P	4850 lm	48.8 W	HF-motion sensor	420	115	13 007	13 008	13 009
50 733	1645 lm*	50 733 P	1890 lm*	21.0 W	with single emergency lighting battery 4 W · 3 h	350	100	13 004	13 005	13 006
50 734	2370 lm*	50 734 P	3485 lm*	33.5 W	with single emergency lighting battery 4 W · 3 h	420	115	13 007	13 008	13 009

* Luminaire luminous flux in mains operation. You can find technical data on emergency operation in the data sheets for the luminaires on our website.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Luminaires in the PRIMA series are designed for all applications requiring reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile – with durable LED technology. Luminaires with satin matt hand-blown opal glass.

For on/off operation, DALI controllable, with motion sensor and as emergency lighting luminaires with integrated single battery for 3 hours of emergency operation.

PRIMA
Ceiling and wall luminaires

Metal fitting, colour white
Satin matt opal glass
BEGA Thermal Management ®

Colour rendering index (CRI) > 90

Colour temperature: 2700K – article number + **K27** or 3000K – article number + **K3** or 4000K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Emergency luminaires with single emergency lighting battery 4W · 3h including automatic self-test.
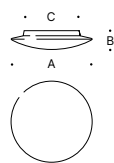
	LED		Integrated components	A	B	C	
Opal glass							
50 504	10.5 W	785 lm	on/off power supply unit	325	90	230	
50 464	15.5 W	1085 lm	on/off power supply unit	325	90	230	
50 505	19.6 W	1800 lm	on/off power supply unit	410	98	315	
50 465	31.1 W	3020 lm	on/off power supply unit	410	98	315	
50 506	31.0 W	3085 lm	on/off power supply unit	480	115	380	
50 466	48.0 W	4750 lm	on/off power supply unit	480	115	380	
50 507	19.6 W	1800 lm	DALI power supply unit	410	98	315	
50 508	29.4 W	3020 lm	DALI power supply unit	410	98	315	
50 509	31.0 W	3085 lm	DALI power supply unit	480	115	380	
50 510	47.4 W	4750 lm	DALI power supply unit	480	115	380	
51 235	10.5 W	785 lm	HF-motion sensor	325	90	230	
51 236	16.8 W	1085 lm	HF-motion sensor	325	90	230	
51 237	21.5 W	1800 lm	HF-motion sensor	410	98	315	
51 238	32.2 W	3020 lm	HF-motion sensor	410	98	315	
51 239	33.0 W	3085 lm	HF-motion sensor	480	115	380	
51 240	48.8 W	4750 lm	HF-motion sensor	480	115	380	
51 233	21.0 W	1800 lm*	with single emergency lighting battery 4W · 3h	410	98	315	
51 234	33.5 W	3085 lm*	with single emergency lighting battery 4W · 3h	480	115	380	

* Luminaire luminous flux in mains operation. You can find technical data on emergency operation in the data sheets for the luminaires on our website.

Emergency lighting luminaires
with a single emergency lighting battery of this series can be found at:
bega.com/emergency-lighting

With trim frame
Colour **white**

With trim frame
Colour **palladium**

With trim frame
Colour **bright silver**

Luminaires in the PRIMA series are designed for all applications requiring reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile – with durable LED technology.
Luminaires with satin matt, hand-blown opal glass or impact-resistant, translucent white synthetic cover.

These luminaires are optionally available: for on/off operation, DALI controllable and with motion sensor.

Without trim frame

PRIMA
Ceiling and wall luminaires

Metal fitting, colour white
Satin matt opal glass or translucent white synthetic cover
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27**, 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Separate metal trim frames in 3 finishes allow the luminaires to be matched to different interior materials.
Trim frames are accessories and must be ordered separately.

Opal glass						Trim frame		
	LED		Integrated components	A	B	White	Palladium	Bright silver
50 300	9.5 W	955 lm	on/off power supply unit	240	90	**13 134**	**13 135**	**13 136**
50 301	14.7 W	1330 lm	on/off power supply unit	240	90	**13 134**	**13 135**	**13 136**
50 302	17.6 W	1865 lm	on/off power supply unit	320	100	**13 137**	**13 138**	**13 139**
50 303	26.7 W	2715 lm	on/off power supply unit	320	100	**13 137**	**13 138**	**13 139**
50 306	17.6 W	1865 lm	DALI power supply unit	320	100	**13 137**	**13 138**	**13 139**
50 307	26.5 W	2715 lm	DALI power supply unit	320	100	**13 137**	**13 138**	**13 139**
50 310	10.8 W	955 lm	HF-motion sensor	240	90	**13 134**	**13 135**	**13 136**
50 311	15.7 W	1330 lm	HF-motion sensor	240	90	**13 134**	**13 135**	**13 136**
50 312	18.6 W	1865 lm	HF-motion sensor	320	100	**13 137**	**13 138**	**13 139**
50 313	27.7 W	2715 lm	HF-motion sensor	320	100	**13 137**	**13 138**	**13 139**

Synthetic material						Trim frame		
	LED		Integrated components	A	B	White	Palladium	Bright silver
50 300 P	9.5 W	1085 lm	on/off power supply unit	240	90	**13 134**	**13 135**	**13 136**
50 301 P	14.7 W	1510 lm	on/off power supply unit	240	90	**13 134**	**13 135**	**13 136**
50 302 P	17.6 W	2165 lm	on/off power supply unit	320	100	**13 137**	**13 138**	**13 139**
50 303 P	26.7 W	3145 lm	on/off power supply unit	320	100	**13 137**	**13 138**	**13 139**
50 306 P	17.6 W	2165 lm	DALI power supply unit	320	100	**13 137**	**13 138**	**13 139**
50 307 P	26.5 W	3145 lm	DALI power supply unit	320	100	**13 137**	**13 138**	**13 139**
50 310 P	10.8 W	1085 lm	HF-motion sensor	240	90	**13 134**	**13 135**	**13 136**
50 311 P	15.7 W	1510 lm	HF-motion sensor	240	90	**13 134**	**13 135**	**13 136**
50 312 P	18.6 W	2165 lm	HF-motion sensor	320	100	**13 137**	**13 138**	**13 139**
50 313 P	27.7 W	3145 lm	HF-motion sensor	320	100	**13 137**	**13 138**	**13 139**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Without ring louvre

works with
BEGA Smart

With ring louvre
Velvet White

With ring louvre
Velvet Black

With ring louvre
Velvet Blue

With ring louvre
Velvet Green

PRIMA
Ceiling and wall luminaires · Protection class IP 40

Metal fitting colour white · High-efficiency, white synthetic cover · BEGA NeoGlass®

on/off or DALI controllable or BEGA Smart controllable power supply units
BEGA Thermal Management®
Colour rendering index (CRI) > 90

Colour temperature adjustable 3000 K or 4000 K

Separate metal shields in 4 finishes allow the luminaires to be matched to different interior materials.
Ring louvres are accessories and must be ordered separately.

20-year availability guarantee for replacement parts and LED modules

Ceiling and wall luminaires						Ring louvres			
	LED		Controllable	A	B	Velvet White	Velvet Black	Velvet Blue	Velvet Green
						–	–	–	–
51 373	8.0 W	1120 lm	on/off	210	75	–	–	–	–
51 374	7.5 W	1120 lm	BEGA Smart	210	75	• **13 358**	• **13 359**	• **13 361**	• **13 360**
51 375	12.6 W	1815 lm	DALI	250	75				
51 376	22.3 W	3365 lm	DALI	350	75	• **13 362**	• **13 363**	• **13 365**	• **13 364**

Without trim ring

With trim ring
Stainless steel

With trim ring
Polished aluminium

With trim ring
Brass

Ceiling and wall luminaires

Metal fitting in colour white · Three-ply opal glass satin matt

Luminaires with LED module:
on/off power supply units · BEGA Thermal Management®
Colour rendering index (CRI) > 90
Colour temperature: 2700 K – article number + **K27**, 3000 K – article number + **K3** or 4000 K – article number + **K4**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour rendering index (CRI) > 80
Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

Separate metal trim rings in 3 finishes allow the luminaires to be matched to different interior materials.
Trim rings are accessories and must be ordered separately.

20-year availability guarantee for replacement parts and LED modules

Ceiling and wall luminaires							Trim rings		
	LED module		Controllable	A	B	C	Stainless steel	Aluminium polished	Brass
50 538	10.6 W	1115 lm	on/off	200	210	110	**13 180**	**13 181**	**13 182**
50 539	16.3 W	1850 lm	on/off	250	255	135	**13 183**	**13 184**	**13 185**
50 540	21.8 W	2450 lm	on/off	300	300	165	**13 186**	**13 187**	**13 188**
	LED lamp		Socket						
50 573	1× 7.0 W	670 lm	E 27	200	210	110	**13 180**	**13 181**	**13 182**
50 574	1× 12.0 W	1100 lm	E 27	250	255	135	**13 183**	**13 184**	**13 185**
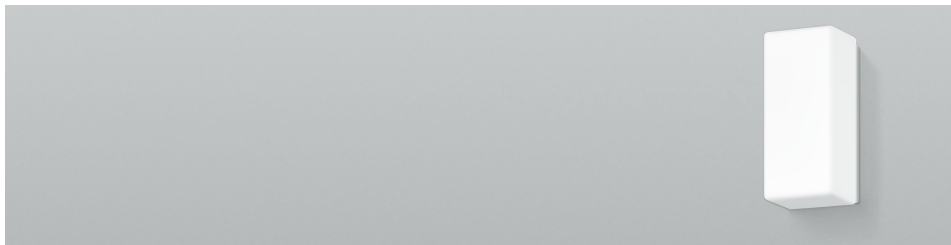
Light Brick – Lichtbaustein®
Ceiling and wall luminaires · Protection class IP 44

Metal fitting in colour white · Three-ply opal glass

Luminaires with LED module:
on/off, phase dimmable or DALI-controllable power supply units
BEGA Thermal Management®
Colour rendering index (CRI) > 90
Colour temperature: 2700K – article number + **K27** or 3000K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour rendering index (CRI) > 80
Colour temperature: 2700K – article number + **K27** or 3000K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacement parts and LED modules

· A · ·C·
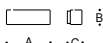
	LED module		Controllable	A	B	C
50 495	7.4 W	485 lm	phase-dimmable	210	100	90
50 496	9.3 W	935 lm	on/off	300	100	95
50 497	21.8 W	2085 lm	DALI	450	100	95

	LED lamp		Socket			
34 161	1 × 7 W	500 lm	E 27	210	100	90
34 162	2 × 7 W	1060 lm	E 27	300	100	95
34 786	3 × 7 W	1540 lm	E 27	450	100	95

Light Brick – Lichtbaustein®
Ceiling and wall luminaires

Protection class IP 44
Metal fitting in colour white · Three-ply opal glass satin matt

Luminaires with LED module:
on/off or DALI controllable power supply units · BEGA Thermal Management®
Colour rendering index (CRI) > 90
Colour temperature: 2700K – article number + **K27** or 3000K – article number + **K3**

We supply the E 14 or E 27 socket luminaires complete with corresponding LED lamps.
Colour rendering index (CRI) > 80
Colour temperature: 2700K – article number + **K27** or 3000K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434.

20-year availability guarantee for replacement parts and LED modules

· A · ·C·

	LED module		Controllable	A	B	C
12 146	4.9 W	440 lm	on/off	160	160	90
12 147	9.5 W	1005 lm	DALI	210	210	120
12 148	13.2 W	1325 lm	DALI	275	275	130
12 149	30.6 W	2990 lm	DALI	320	320	130

	LED lamp		Socket			
89 016	1 × 4 W	280 lm	E 14	160	160	90
89 017	1 × 7 W	550 lm	E 27	210	210	120
89 018	2 × 7 W	1070 lm	E 27	275	275	130
89 019	4 × 7 W	2150 lm	E 27	320	320	130

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Ceiling and wall luminaires

Without trim ring

With trim ring
Colour **white**

With trim ring
Stainless steel

With trim ring
Chrome

With trim ring
Brass

Ceiling and wall luminaires

Protection class IP 44
Metal fitting in colour white · Three-ply opal glass satin matt

Luminaires with LED module:
on/off or DALI controllable power supply units · BEGA Thermal Management®
Colour rendering index (CRI) > 90
Colour temperature: 2700K – article number + **K27**, 3000K – article number + **K3** or 4000K – article number + **K4**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour rendering index (CRI) > 80
Colour temperature: 2700K – article number + **K27** or 3000K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacement parts and LED modules

Separate metal trim rings in 4 finishes allow you to adapt the luminaires to different materials indoors.
Trim rings are accessories and must be ordered separately.

Ceiling and wall luminaires						
	LED module		Controllable	A	B	C
12 223	8.4 W	780 lm	on/off	220	110	195
50 658	13.4 W	1200 lm	on/off	255	125	230
50 659	19.1 W	1895 lm	DALI	300	145	265
50 660	24.6 W	2215 lm	DALI	350	170	310
50 661	45.0 W	4200 lm	DALI	400	195	355
	LED lamp		Socket			
67 984	1× 7 W	490 lm	E 27	220	110	195
67 985	1×12 W	930 lm	E 27	255	125	230
67 936	2× 7 W	950 lm	E 27	300	145	265
67 937	2× 7 W	950 lm	E 27	350	170	310

Trim rings			
White	Stainless steel	Chrome	Brass
13 054	**13 055**	**13 056**	**13 057**
13 058	**13 059**	**13 060**	**13 061**
13 062	**13 063**	**13 064**	**13 065**
13 066	**13 067**	**13 068**	**13 069**
13 070	**13 071**	**13 072**	**13 073**
13 054	**13 055**	**13 056**	**13 057**
13 058	**13 059**	**13 060**	**13 061**
13 062	**13 063**	**13 064**	**13 065**
13 066	**13 067**	**13 068**	**13 069**

With trim ring
Colour **white**

With trim ring
Stainless steel

With trim ring
Chrome
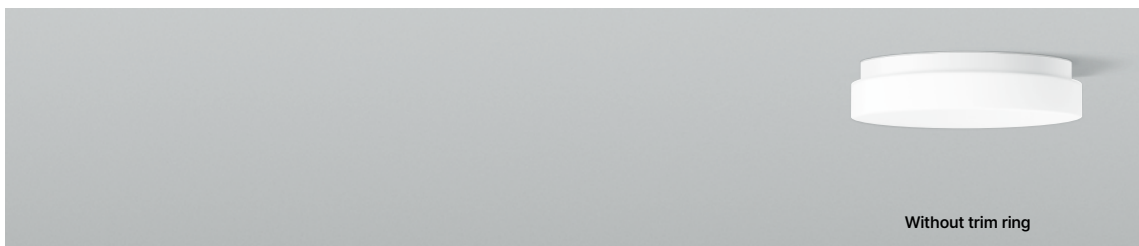
Without trim ring

Ceiling and wall luminaires

Protection class IP 44
Metal fitting in colour white · Three-ply opal glass satin matt
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

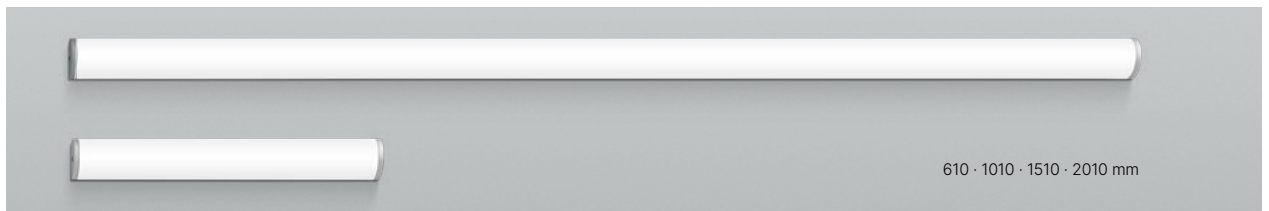Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Separate metal trim rings in 3 finishes allow the luminaires to be matched to different interior materials.
Trim rings are accessories and must be ordered separately.
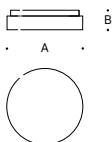
Ceiling and wall luminaires					
	LED		Controllable	A	B
50 078	19.5 W	1790 lm	DALI	250	80
50 079	28.8 W	2640 lm	DALI	340	85
50 080	35.0 W	3400 lm	DALI	390	100
50 081	63.0 W	5590 lm	DALI	470	115

Trim rings		
White	Stainless steel	Chrome
13 076	**13 077**	**13 078**
13 079	**13 080**	**13 081**
13 082	**13 083**	**13 084**
13 085	**13 086**	**13 087**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Ceiling and wall luminaires

Ceiling and wall luminaires · Protection class IP 44

Metal fitting in colour white · Three-ply opal glass satin matt

Luminaires with LED module:
on/off or DALI controllable power supply units · BEGA Thermal Management ®
Colour rendering index (CRI) > 90
Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

We supply the luminaires complete with corresponding LED lamps.
Colour rendering index (CRI) > 80
Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 434.

20-year availability guarantee for replacement parts and LED modules

	LED module		Controllable	A	B	C	
12 150	8.4 W	840 lm	on/off	220	95	195	
50 650	19.2 W	1770 lm	on/off	300	105	265	
50 655	19.1 W	1770 lm	DALI	300	105	265	
50 656	24.6 W	2510 lm	DALI	350	120	305	
50 657	45.0 W	4325 lm	DALI	390	120	355	
	LED lamp		Socket				
89 009	1 × 4 W	330 lm	E 14	160	80	130	
89 010	1 × 7 W	560 lm	E 27	220	95	195	
89 011	2 × 7 W	1030 lm	E 27	300	105	265	
89 340	2 × 7 W	1120 lm	E 27	350	120	305	
89 012	3 × 7 W	1680 lm	E 27	390	120	355	

Ceiling and wall luminaires

Metal fitting in colour white · Three-ply opal glass
on/off or DALI controllable power supply units · BEGA Thermal Management ®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C	
23 296	10.0 W	940 lm	on/off	350	85	240	
23 410	13.3 W	1235 lm	on/off	350	85	240	
23 414	19.6 W	1900 lm	on/off	420	100	280	
12 163	28.7 W	2435 lm	DALI	420	100	280	
12 164	35.0 W	3640 lm	DALI	510	115	350	

Ceiling and wall luminaires

Metal fitting in colour white · Three-ply opal glass
on/off or DALI controllable power supply units · BEGA Thermal Management ®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C	
23 321	10.0 W	955 lm	on/off	400	100	240	
23 416	13.3 W	1255 lm	on/off	400	100	240	
23 322	19.6 W	1970 lm	on/off	460	100	280	
12 161	28.7 W	2630 lm	DALI	460	100	280	
12 162	35.0 W	3600 lm	DALI	560	125	350	

Ceiling and wall luminaires · Protection class IP 44

Metal fitting, colour white
Satin matt three-ply opal glass or impact-resistant, translucent white synthetic cover

on/off or DALI controllable power supply units · BEGA Thermal Management ®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
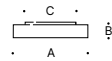
Opal glass		Synthetic material		LED	Controllable	A	B	C
50 651	1905 lm	**50 651 P**	2060 lm	18.5 W	on/off	340	85	265
50 652	2465 lm	**50 652 P**	2850 lm	29.0 W	on/off	390	90	300
34 287	1905 lm	**34 287 P**	2060 lm	19.1 W	DALI	340	85	265
34 288	2465 lm	**34 288 P**	2850 lm	28.8 W	DALI	390	90	300
23 297	3340 lm	**23 297 P**	3845 lm	35.0 W	DALI	470	100	360

Ceiling and wall luminaires · Protection class IP 44

Metal housing available with a choice of 2 finishes
Three-ply opal glass or impact-resistant, white, translucent synthetic cover

on/off or DALI controllable power supply units · BEGA Thermal Management ®

Colour rendering index (CRI) > 90

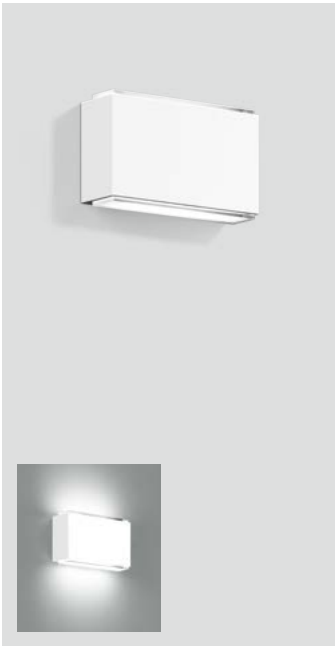Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
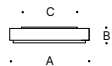
Opal glass		Synthetic material		Colour white				
				LED	Controllable	A	B	C
50 653.1	1585 lm	**50 653.1 P**	1950 lm	18.5 W	on/off	360	85	265
50 654.1	2260 lm	**50 654.1 P**	2485 lm	29.0 W	on/off	420	90	300
34 278.1	1585 lm	**34 278.1 P**	1950 lm	19.1 W	DALI	360	85	265
34 279.1	2260 lm	**34 279.1 P**	2485 lm	28.8 W	DALI	420	90	300
12 165.1	3200 lm	**12 165.1 P**	3515 lm	35.0 W	DALI	500	100	360

Opal glass		Synthetic material		Colour white aluminium				
				LED	Controllable	A	B	C
50 653.2	1585 lm	**50 653.2 P**	1950 lm	18.5 W	on/off	360	85	265
50 654.2	2260 lm	**50 654.2 P**	2485 lm	29.0 W	on/off	420	90	300
34 278.2	1585 lm	**34 278.2 P**	1950 lm	19.1 W	DALI	360	85	265
34 279.2	2260 lm	**34 279.2 P**	2485 lm	28.8 W	DALI	420	90	300
12 165.2	3200 lm	**12 165.2 P**	3515 lm	35.0 W	DALI	500	100	360

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management ® are readily available in the instructions for use and data sheets on our website.

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# Ceiling and wall luminaires

Ceiling and wall luminaires · Protection class IP 40

Metal housing available with a choice of 2 finishes · BEGA NeoGlass®
Power supply units phase-dimmable or DALI controllable

Colour rendering index (CRI) > 90

Colour temperature adjustable to 3000 K or 4000 K

20-year availability guarantee for replacement parts and LED modules
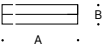
Colour Velvet White

	LED		Controllable	A	B
51 483.1	12.0 W	1700 lm	phase-dimmable	260	65
51 484.1	18.2 W	2505 lm	phase-dimmable	305	65
51 485.1	10.6 W	1700 lm	DALI	260	65
51 486.1	17.2 W	2505 lm	DALI	305	65

Colour Velvet Black

	LED		Controllable	A	B
51 483.5	12.0 W	1700 lm	phase-dimmable	260	65
51 484.5	18.2 W	2505 lm	phase-dimmable	305	65
51 485.5	10.6 W	1700 lm	DALI	260	65
51 486.5	17.2 W	2505 lm	DALI	305	65

Ceiling and wall luminaires · Protection class IP 64

Metal housing available with a choice of 2 finishes · Crystal opal glass
on/off or DALI controllable power supply units · BEGA Thermal Management®
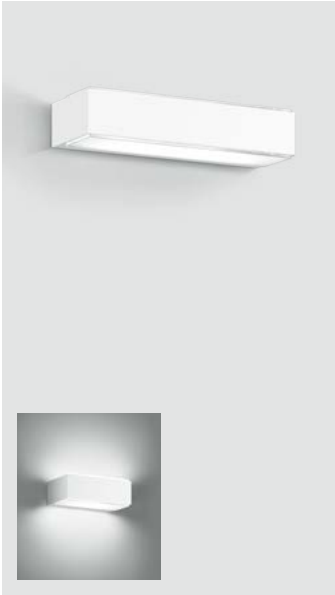
Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
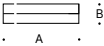
Colour white

	LED		Controllable	A	B
50 646.1	16.0 W	985 lm	on/off	260	65
50 647.1	22.5 W	1425 lm	on/off	305	65
12 127.1	16.0 W	985 lm	DALI	260	65
12 128.1	22.2 W	1425 lm	DALI	305	65

Stainless steel

	LED		Controllable	A	B
50 646.2	16.0 W	985 lm	on/off	260	65
50 647.2	22.5 W	1425 lm	on/off	305	65
12 127.2	16.0 W	985 lm	DALI	260	65
12 128.2	22.2 W	1425 lm	DALI	305	65

● New in the range

PRIMA
Ceiling and wall luminaires

Synthetic housing in colour Velvet White or Velvet Black
Synthetic cover interior in white
on/off power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
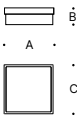
Colour Velvet White

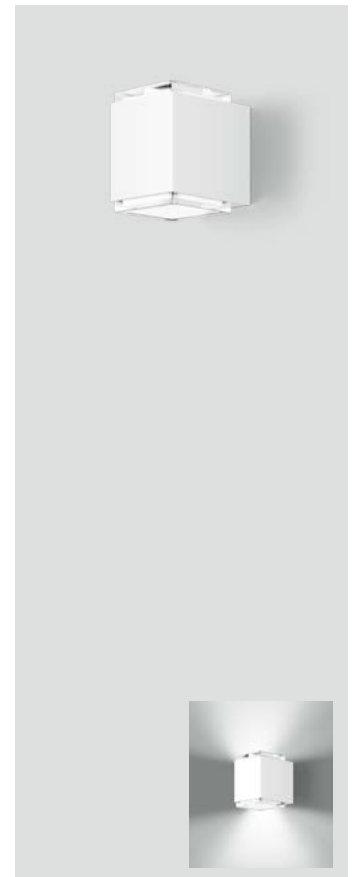|	LED		Controllable	A	B	C
51 294.1	7.8 W	475 lm	on/off	200	65	200
51 295.1	13.2 W	965 lm	on/off	250	65	250

Colour Velvet Black

	LED		Controllable	A	B	C
51 294.5	7.8 W	475 lm	on/off	200	65	200
51 295.5	13.2 W	965 lm	on/off	250	65	250

PRIMA
Ceiling and wall luminaires

Synthetic housing in colour Velvet White or Velvet Black
Synthetic cover interior in white
on/off power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
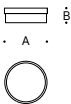
Colour Velvet White

	LED		Controllable	A	B
51 296.1	8.0 W	425 lm	on/off	155	65
51 297.1	13.5 W	945 lm	on/off	215	65

Colour Velvet Black

	LED		Controllable	A	B
51 296.5	8.0 W	425 lm	on/off	155	65
51 297.5	13.5 W	945 lm	on/off	215	65

The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

PLANETA
Large-area luminaires · Ceiling and wall luminaires

Metal housing in colour white · Safety glass, inside white
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
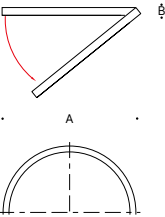
	LED		Controllable	A	B
34 022.1	76.4 W	6 150 lm	DALI	500	85
34 067.1	115.0 W	10 815 lm	DALI	750	85

MAXIMA
Large-area luminaires · Ceiling and wall luminaires

Metal fitting colour white · Translucent white synthetic cover
DALI controllable power supply units · BEGA Thermal Management®
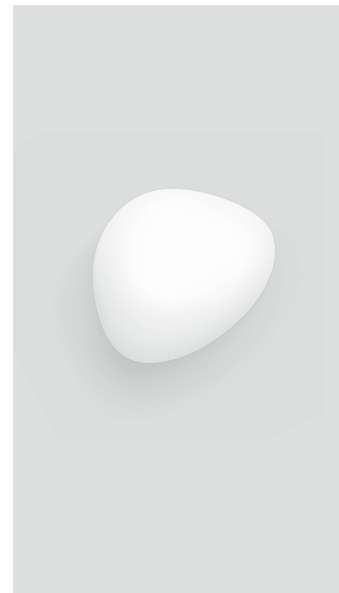
Colour rendering index (CRI) > 90

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
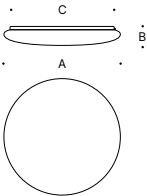
	LED		Controllable	A	B	C
50 100	101.0 W	12 365 lm	DALI	1000	155	880
50 101	134.0 W	17 295 lm	DALI	1300	160	1180

1050 · 1550 · 2050 mm

Ceiling and wall luminaires

Metal housing available with a choice of 2 finishes
White, translucent synthetic cover
DALI controllable power supply units · BEGA Thermal Management®

The luminaires can be installed in any burning position.
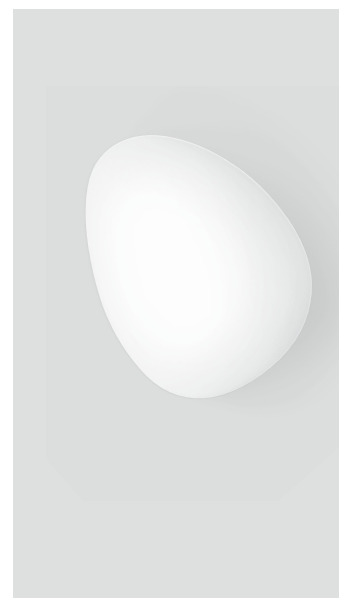
Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
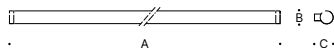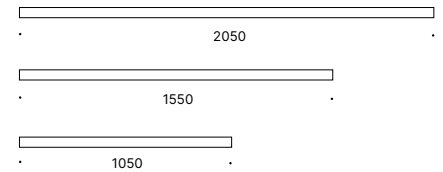
2050

1550

1050

Colour white

	LED		Controllable	A	B	C
50 142.1	42.0 W	4355 lm	DALI	1050	50	80
50 143.1	62.0 W	6510 lm	DALI	1550	50	80
50 144.1	80.0 W	8980 lm	DALI	2050	50	80

Colour matt aluminium

	LED		Controllable	A	B	C
50 142.2	42.0 W	4355 lm	DALI	1050	50	80
50 143.2	62.0 W	6510 lm	DALI	1550	50	80
50 144.2	80.0 W	8980 lm	DALI	2050	50	80

610 · 1010 · 1510 · 2010 mm

LINEARA
Ceiling and wall luminaires

Metal housing available with a choice of 2 finishes
White, translucent synthetic cover
DALI controllable power supply units · BEGA Thermal Management®

The luminaires can be installed in any burning position.

Colour rendering index (CRI) > 90

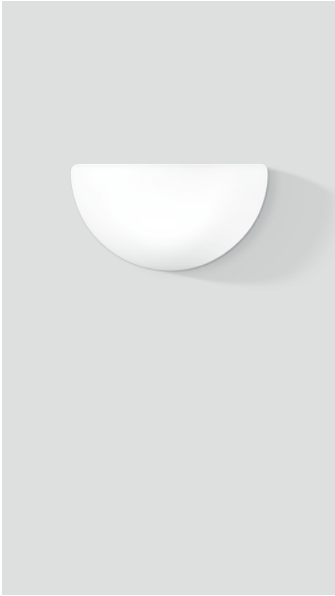Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

2010

1510

1010

610
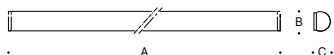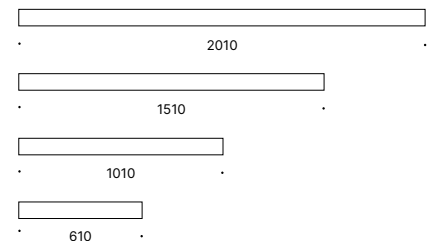
Colour white

	LED		Controllable	A	B	C
50 215.1	26.6 W	2650 lm	DALI	610	85	70
50 216.1	42.0 W	4760 lm	DALI	1010	85	70
50 217.1	62.0 W	6905 lm	DALI	1510	85	70
50 218.1	80.0 W	9425 lm	DALI	2010	85	70

Colour matt aluminium

	LED		Controllable	A	B	C
50 215.2	26.6 W	2650 lm	DALI	610	85	70
50 216.2	42.0 W	4760 lm	DALI	1010	85	70
50 217.2	62.0 W	6905 lm	DALI	1510	85	70
50 218.2	80.0 W	9425 lm	DALI	2010	85	70

The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

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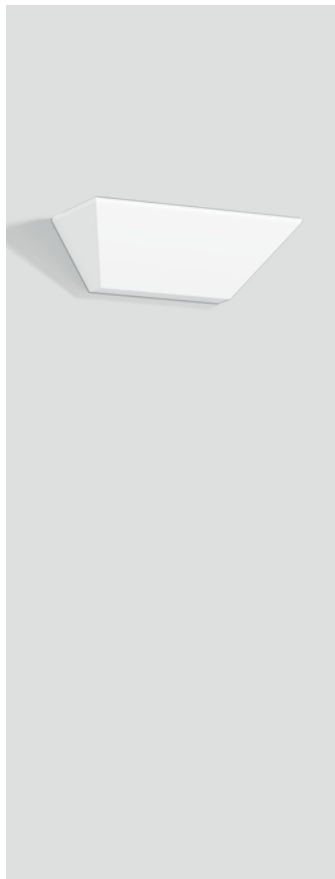
Wall washers
Symmetrical or asymmetrical light distribution

Metal housing available with a choice of 2 finishes · Safety glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

The luminaires can be installed with light emission either upwards or downwards.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Symmetrical
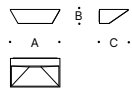
Asymmetrical

Colour Velvet White

		LED		Controllable	A	B	C
50 180.1	Symmetrical	12.5 W	1120 lm	on/off	200	65	125
50 198.1	Symmetrical	19.1 W	1830 lm	DALI	260	80	155
50 199.1	Symmetrical	36.1 W	4165 lm	DALI	320	105	190
50 181.1	Asymmetrical	12.5 W	1080 lm	on/off	200	65	125
50 200.1	Asymmetrical	19.1 W	2060 lm	DALI	260	80	155
50 201.1	Asymmetrical	36.1 W	3360 lm	DALI	320	105	190

Colour Velvet Black

		LED		Controllable	A	B	C
50 180.5	Symmetrical	12.5 W	1120 lm	on/off	200	65	125
50 198.5	Symmetrical	19.1 W	1830 lm	DALI	260	80	155
50 199.5	Symmetrical	36.1 W	4165 lm	DALI	320	105	190
50 181.5	Asymmetrical	12.5 W	1080 lm	on/off	200	65	125
50 200.5	Asymmetrical	19.1 W	2060 lm	DALI	260	80	155
50 201.5	Asymmetrical	36.1 W	3360 lm	DALI	320	105	190

Wall washers
Two-sided light emission

Metal housing available with a choice of 3 finishes · Crystal glass, inside white
Reflector made of pure anodised aluminium · BEGA Constant Optics®
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Colour Velvet White

	LED		Controllable	A	B	C
50 594.1	28.1 W	2570 lm	on/off	250	110	75
50 146.1	27.6 W	2570 lm	DALI	250	110	75
50 147.1	37.0 W	3845 lm	DALI	320	110	75

Colour palladium

	LED		Controllable	A	B	C
50 594.4	28.1 W	2570 lm	on/off	250	110	75
50 146.4	27.6 W	2570 lm	DALI	250	110	75
50 147.4	37.0 W	3845 lm	DALI	320	110	75

Colour Velvet Black

	LED		Controllable	A	B	C
50 594.5	28.1 W	2570 lm	on/off	250	110	75
50 146.5	27.6 W	2570 lm	DALI	250	110	75
50 147.5	37.0 W	3845 lm	DALI	320	110	75

Wall washers
Two-sided light emission

Metal housing available with a choice of 2 finishes · Safety glass · Chrome trim ring
We can also deliver the chrome trim rings in the exterior colour on request.
Reflector made of pure anodised aluminium · Silicone diffusing lens · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
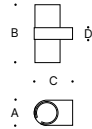
Colour Velvet White								
	LED		Controllable	β	A	B	C	D
50 603.1	19.3 W	1805 lm	DALI	39°	130	270	160	50
50 604.1	26.3 W	2520 lm	DALI	41°	145	295	180	50

Colour Velvet Black								
	LED		Controllable	β	A	B	C	D
50 603.5	19.3 W	1805 lm	DALI	39°	130	270	160	50
50 604.5	26.3 W	2520 lm	DALI	41°	145	295	180	50

Wall luminaires
Two-sided light emission

Metal housing colour Velvet White · Partially frosted crystal glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
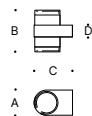
Colour Velvet White							
	LED		Controllable	A	B	C	D
50 601.1	19.0 W	1775 lm	DALI	130	165	160	50
50 602.1	26.3 W	2555 lm	DALI	145	180	180	50

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management ® are readily available in the
instructions for use and data sheets on our website.

Wall luminaires
Two-sided light emission

Metal housing available with a choice of 2 finishes · Crystal glass, inside white
on/off power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
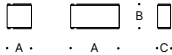
Colour white

	LED		Controllable	A	B	C
23 013.1	5.2 W	260 lm	on/off	90	105	55
23 015.1	8.8 W	510 lm	on/off	175	105	55
50 072.1	14.8 W	650 lm	on/off	175	105	55

Stainless steel finish

	LED		Controllable	A	B	C
23 013.2	5.2 W	260 lm	on/off	90	105	55
23 015.2	8.8 W	510 lm	on/off	175	105	55
50 072.2	14.8 W	650 lm	on/off	175	105	55
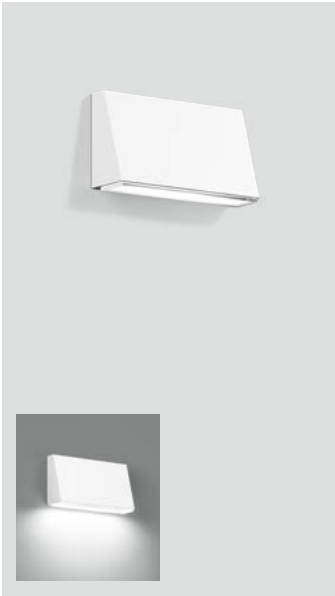
Wall luminaires
one-sided light emission

Cast aluminium housing in colour white · Crystal glass, inside white
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
78 047.1	2.7 W	225 lm	on/off	90	100	55
78 052.1	4.9 W	405 lm	on/off	175	100	55
50 071.1	7.0 W	695 lm	on/off	175	100	55

Wall luminaires
Two-sided light emission

Cast aluminium housing available with a choice of 2 finishes · Crystal glass, inside white
on/off power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature adjustable 3000 K or 4000 K

20-year availability guarantee for replacement parts and LED modules

Colour white

	LED		Controllable	A	B	C
• **51 434.1**	8.6 W	690 lm	on/off	200	60	110
• **51 435.1**	14.5 W	1405 lm	on/off	300	60	110

Colour palladium

	LED		Controllable	A	B	C
• **51 434.4**	8.6 W	690 lm	on/off	200	60	110
• **51 435.4**	14.5 W	1405 lm	on/off	300	60	110

• New in the range

PRIMA
Wall luminaires
Two-sided light emission

Cast aluminium housing available with a choice of 2 finishes · Translucent synthetic cover
DALI controllable power supply units · BEGA Thermal Management®

Colour temperature adjustable 3000 K or 4000 K

20-year availability guarantee for replacement parts and LED modules

Colour Velvet White

	LED		Controllable	A	B	C
51 412.1	8.0 W	910 lm	DALI	90	95	100
51 413.1	16.0 W	1945 lm	DALI	120	130	130

Colour Velvet Black

	LED		Controllable	A	B	C
51 412.5	8.0 W	910 lm	DALI	90	95	100
51 413.5	16.0 W	1945 lm	DALI	120	130	130
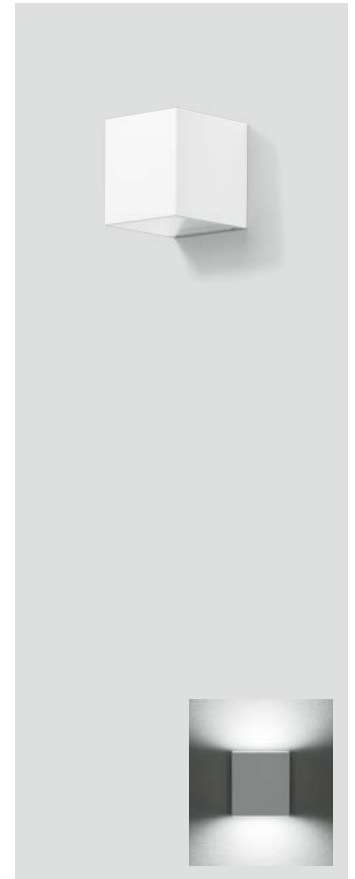
Wall luminaires
Two-sided light emission

works with
BEGA Smart

Housing made of cast aluminium available with a choice of 3 finishes
Crystal glass, inside white
on/off, DALI controllable or BEGA Smart controllable power supply units
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
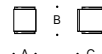
Colour white

	LED		Controllable	A	B	C
50 063.1	6.3 W	585 lm	on/off	90	120	100
51 407.1	9.0 W	385 lm	BEGA Smart	90	120	100
50 064.1	19.3 W	1175 lm	DALI	120	150	130

Colour palladium

	LED		Controllable	A	B	C
50 063.4	6.3 W	585 lm	on/off	90	120	100
51 407.4	9.0 W	385 lm	BEGA Smart	90	120	100
50 064.4	19.3 W	1175 lm	DALI	120	150	130

Colour Velvet Black

	LED		Controllable	A	B	C
50 063.5	6.3 W	585 lm	on/off	90	120	100
51 407.5	9.0 W	385 lm	BEGA Smart	90	120	100
50 064.5	19.3 W	1175 lm	DALI	120	150	130

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Wall luminaires

PRIMA
Wall luminaires · Unshielded light

Metal fitting in colour white · Three-ply opal glass satin matt
BEGA AC module
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
50 262	10.0 W	750 lm	on/off	250	100	110
50 263	20.0 W	1610 lm	on/off	350	100	125

PRIMA
Wall luminaires · Shielded light

Metal fitting in colour white · Three-ply opal glass satin matt
Metal shield colour white
BEGA AC module
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
50 264.1	10.0 W	495 lm	on/off	255	100	110
50 265.1	20.0 W	1190 lm	on/off	355	100	125

Light Brick – Lichtbaustein® · Pebbles
Wall luminaires
Unshielded light

Metal fitting in colour white · Three-ply opal glass satin matt
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
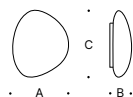
Light Brick – Lichtbaustein® · Pebbles · **Type A**						
	LED		Controllable	A	B	C
51 129	13.4 W	1200 lm	DALI	310	120	350
51 130	30.0 W	2640 lm	DALI	420	150	470

Light Brick – Lichtbaustein® · Pebbles
Wall luminaires
Unshielded light

Metal fitting in colour white · Three-ply opal glass satin matt
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
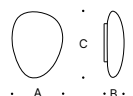
Light Brick – Lichtbaustein® · Pebbles · **Type B**						
	LED		Controllable	A	B	C
51 131	13.4 W	1200 lm	DALI	300	120	395
51 132	30.0 W	2640 lm	DALI	400	150	525

Wall luminaires
Unshielded light · Protection class IP 44

Metal fitting in colour white · Crystal opal glass
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

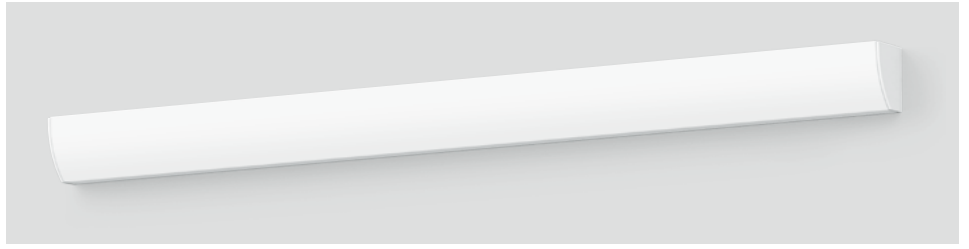Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
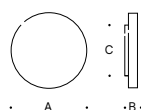
	LED		Controllable	A	B	C
67 718	19.1 W	1540 lm	DALI	340	85	260
67 719	28.8 W	2475 lm	DALI	390	95	300
23 315	35.0 W	3340 lm	DALI	470	105	360

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Wall luminaires
Unshielded light

Metal fitting in colour white · Three-ply opal glass satin matt
BEGA AC module
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
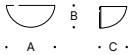
	LED		Controllable	A	B	C
50 255	10.0 W	750 lm	on/off	245	110	125
50 256	14.8 W	975 lm	on/off	340	150	175
50 257	30.0 W	1910 lm	phase-dimmable	430	190	230

Wall luminaires
Unshielded light

Metal fitting in colour white · Three-ply opal glass satin matt
Luminaires with BEGA AC module or DALI controllable power supply unit
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C
50 125.1	7.4 W	435 lm	on/off	130	220	90
50 126.1	14.8 W	1095 lm	on/off	160	300	100
50 127.1	22.3 W	1980 lm	DALI	190	485	115

Wall luminaire
Unshielded light

Metal fitting with stainless steel finish · Three-ply opal glass satin matt
BEGA AC module
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
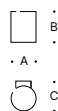
	LED		Controllable	A	B	C
50 066.2	10.0 W	860 lm	on/off	140	170	170

Wall luminaires
Unshielded light

Metal fitting in matt aluminium · Three-ply opal glass satin matt
BEGA AC module
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	C	D
50 105.2	10.0 W	840 lm	on/off	150	160	90	60
50 106.2	20.0 W	1615 lm	phase-dimmable	210	220	90	60

Wall luminaires
Unshielded light

Metal fitting with stainless steel finish · Three-ply opal glass satin matt
BEGA AC module
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
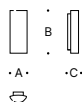
	LED		Controllable	A	B	C
50 065.2	7.4 W	535 lm	on/off	140	170	90
50 086.2	14.8 W	1000 lm	on/off	140	350	90

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
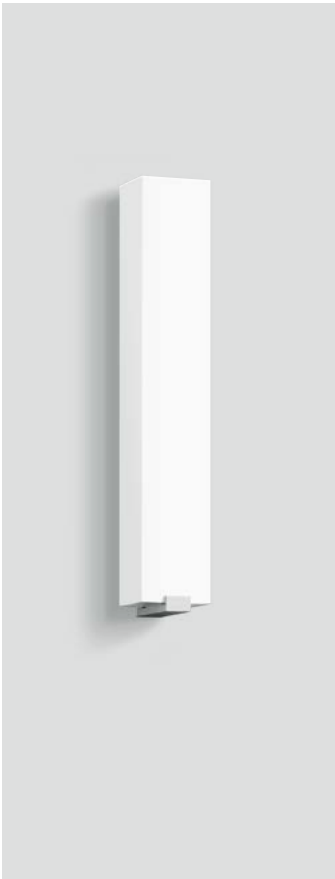
Wall luminaires
Unshielded light

Metal fitting in matt aluminium
Satin matt three-ply opal glass or white translucent synthetic cover
on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Wall luminaires · **Opal glass**						
	LED		Controllable	A	B	C	D
50 138.2	15.0 W	1130 lm	on/off	100	290	115	35
50 139.2	18.8 W	1590 lm	DALI	100	425	115	35
50 140.2	22.6 W	1865 lm	DALI	100	560	115	35

Wall luminaires · **Synthetic material**						
	LED		Controllable	A	B	C	D
51 399.2	15.0 W	1345 lm	on/off	100	290	115	35
• **51 400.2**	18.8 W	1780 lm	DALI	100	425	115	35
51 401.2	22.6 W	2205 lm	DALI	100	560	115	35

Wall luminaires
Unshielded light

Metal housing in colour white
Three-ply opal glass or translucent white synthetic cylinder
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
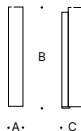
Wall luminaires · **Opal glass**					
	LED		Controllable	A	B	C
50 595.1	14.6 W	1465 lm	DALI	80	410	115
50 083.1	18.4 W	1995 lm	DALI	80	510	115
50 084.1	33.5 W	4000 lm	DALI	100	610	135
50 085.1	40.4 W	4700 lm	DALI	110	710	145

Wall luminaires · **Synthetic material**					
	LED		Controllable	A	B	C
• **51 402.1**	14.6 W	1550 lm	DALI	80	410	115
• **51 403.1**	18.4 W	1970 lm	DALI	80	510	115
• **51 404.1**	33.5 W	4020 lm	DALI	100	610	135
• **51 405.1**	40.4 W	4835 lm	DALI	110	710	145

• New in the range

Wall luminaires
Unshielded light

Metal fitting in colour white · Three-ply opal glass satin matt
Integrated power switch
on/off power supply units
BEGA Thermal Management®

The luminaires can be installed in any burning position.

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27**, 3000 K – article number + **K3**
or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

With power switch
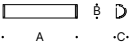
	LED		Controllable	A	B	C
50 222.1	7.8 W	695 lm	on/off	300	90	75
50 223.1	10.0 W	855 lm	on/off	400	90	75
50 224.1	14.1 W	1425 lm	on/off	500	90	75
50 225.1	16.1 W	1490 lm	on/off	600	90	75

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Wall luminaires
Unshielded light

Protection class IP 44
Metal housing available with a choice of 2 finishes · Translucent white synthetic cover
DALI controllable power supply units
BEGA Thermal Management®

The luminaires can be installed in any burning position.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Colour Velvet White

	LED		Controllable	A	B	C
51 242.1	26.0 W	2650 lm	DALI	600	100	75
51 244.1	34.7 W	3590 lm	DALI	800	100	75
51 246.1	44.0 W	4170 lm	DALI	1000	100	75

Chrome

	LED		Controllable	A	B	C
51 242.3	26.0 W	2650 lm	DALI	600	100	75
51 244.3	34.7 W	3590 lm	DALI	800	100	75
51 246.3	44.0 W	4170 lm	DALI	1000	100	75

Wall luminaires
Unshielded light

Protection class IP 44
Metal housing available with a choice of 2 finishes · Satin matt three-ply opal glass
on/off or DALI controllable power supply units
BEGA Thermal Management®

The luminaires can be installed in any burning position.

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27**, 3000 K – article number + **K3** or
4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
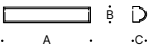
Colour white

	LED		Controllable	A	B	C
50 607.1	12.4 W	1120 lm	on/off	400	90	80
50 608.1	14.6 W	1325 lm	on/off	500	90	80
67 682.1	12.5 W	1120 lm	DALI	400	90	80
67 683.1	15.3 W	1325 lm	DALI	500	90	80
67 684.1	19.5 W	1700 lm	DALI	600	90	80

Chrome

	LED		Controllable	A	B	C
50 607.3	12.4 W	1120 lm	on/off	400	90	80
50 608.3	14.6 W	1325 lm	on/off	500	90	80
67 682.3	12.5 W	1120 lm	DALI	400	90	80
67 683.3	15.0 W	1325 lm	DALI	500	90	80
67 684.3	19.5 W	1700 lm	DALI	600	90	80

● New in the range

PRIMA
Wall luminaires
Unshielded light

Protection class IP 44
Metal housing · Colour Velvet White
White, translucent synthetic cover
Power supply units phase-dimmable

The luminaires can be installed in any burning position.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
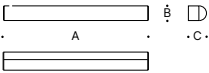
Colour Velvet White

	LED		Controllable	A	B	C
51 437.1	9.3 W	1140 lm	phase-dimmable	600	50	60
51 438.1	11.5 W	1255 lm	phase-dimmable	800	50	60
51 439.1	13.5 W	1520 lm	phase-dimmable	1000	50	60

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Wall luminaires
Unshielded light · Protection class IP 65

Metal housing 3 finishes · Three-ply opal glass
DALI controllable power supply units · BEGA Thermal Management®

The luminaires can be installed in any burning position.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

An internal mechanism allows the glass to be swivelled in and out in order to clean it. This means that they can also be installed in niches from wall to wall, optionally in horizontal or vertical position.

Stainless steel

	LED		Controllable	A	B	C
50 067.2	18.6 W	1540 lm	DALI	500	80	115
50 068.2	22.5 W	2285 lm	DALI	600	80	115
50 069.2	27.0 W	2840 lm	DALI	700	80	115
50 070.2	39.0 W	4260 lm	DALI	1000	80	115

Colour Velvet Brass

	LED		Controllable	A	B	C
50 067.4	18.6 W	1540 lm	DALI	500	80	115
50 068.4	22.5 W	2285 lm	DALI	600	80	115
50 069.4	27.0 W	2840 lm	DALI	700	80	115
50 070.4	39.0 W	4260 lm	DALI	1000	80	115

Colour Velvet Copper

	LED		Controllable	A	B	C
50 067.6	18.6 W	1540 lm	DALI	500	80	115
50 068.6	22.5 W	2285 lm	DALI	600	80	115
50 069.6	27.0 W	2840 lm	DALI	700	80	115
50 070.6	39.0 W	4260 lm	DALI	1000	80	115

Wall luminaires
Unshielded light · Protection class IP 44

Metal housing available with a choice of 4 finishes · Three-ply opal glass
on/off power supply units · BEGA Thermal Management®

A clearance of 50 % of the luminaire length (A) is required on the corresponding side to open the luminaire.
The luminaires can be installed in any burning position.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

Colour white

	LED		Controllable	A	B	C
23 250.1	8.8 W	910 lm	on/off	500	70	100
23 253.1	12.8 W	1315 lm	on/off	600	70	100
23 256.1	15.5 W	1640 lm	on/off	700	70	100
23 259.1	22.4 W	2170 lm	on/off	900	70	100

Stainless steel

	LED		Controllable	A	B	C
23 250.2	8.8 W	910 lm	on/off	500	70	100
23 253.2	12.8 W	1315 lm	on/off	600	70	100
23 256.2	15.5 W	1640 lm	on/off	700	70	100
23 259.2	22.4 W	2170 lm	on/off	900	70	100

Colour Velvet Brass

	LED		Controllable	A	B	C
23 250.4	8.8 W	910 lm	on/off	500	70	100
23 253.4	12.8 W	1315 lm	on/off	600	70	100
23 256.4	15.5 W	1640 lm	on/off	700	70	100
23 259.4	22.4 W	2170 lm	on/off	900	70	100

Colour Velvet Copper

	LED		Controllable	A	B	C
23 250.6	8.8 W	910 lm	on/off	500	70	100
23 253.6	12.8 W	1315 lm	on/off	600	70	100
23 256.6	15.5 W	1640 lm	on/off	700	70	100
23 259.6	22.4 W	2170 lm	on/off	900	70	100

VARIATA 1
Wall luminaires
Infinitely adjustable light distribution

Metal housing in colour white · Three-ply opal glass
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

Colour rendering index (CRI) > 90
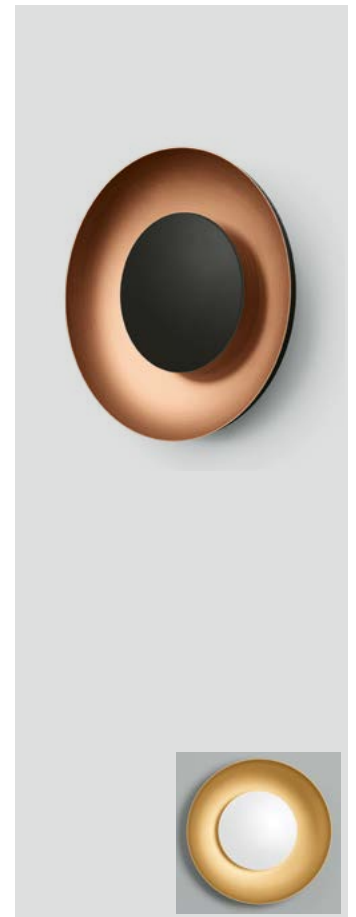
Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
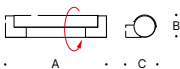
	LED		Controllable		A	B	C
23 404.1	5.9 W	295 lm	on/off		340	80	105

VARIATA 2
Wall luminaires
Infinitely adjustable light distribution

Metal housing in colour white · Three-ply opal glass
on/off power supply units

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
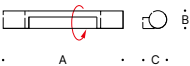
	LED		Controllable		A	B	C
23 080.1	6.6 W	460 lm	on/off		300	55	80
23 233.1	10.0 W	835 lm	on/off		450	55	80

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Wall luminaires

Wall luminaires
Two-sided light emission

Metal housing available with a choice of 2 finishes
Reflector made of pure anodised aluminium
Synthetic cover with light-diffusing structure
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

1515

1215

915

615
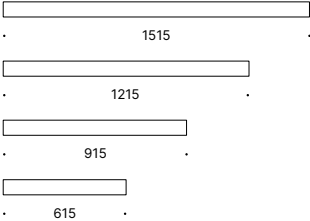
Colour Velvet White

	LED		Controllable	A	B	C
50 800.1	27.0 W	2800 lm	DALI	615	75	90
50 804.1	53.7 W	5655 lm	DALI	615	75	90
50 801.1	39.0 W	4305 lm	DALI	915	75	90
50 805.1	81.8 W	9050 lm	DALI	915	75	90
50 802.1	53.0 W	5910 lm	DALI	1215	75	90
50 806.1	104.4 W	12 250 lm	DALI	1215	75	90
50 803.1	62.5 W	7535 lm	DALI	1515	75	90
50 807.1	130.0 W	15 595 lm	DALI	1515	75	90

Colour Velvet Black

	LED		Controllable	A	B	C
50 800.5	27.0 W	2800 lm	DALI	615	75	90
50 804.5	53.7 W	5655 lm	DALI	615	75	90
50 801.5	39.0 W	4305 lm	DALI	915	75	90
50 805.5	81.8 W	9050 lm	DALI	915	75	90
50 802.5	53.0 W	5910 lm	DALI	1215	75	90
50 806.5	104.4 W	12 250 lm	DALI	1215	75	90
50 803.5	62.5 W	7535 lm	DALI	1515	75	90
50 807.5	130.0 W	15 595 lm	DALI	1515	75	90

Wall luminaires
Shielded light · Light emission on one side

Metal housing available with a choice of 3 finishes · Light-diffusing white silicon diffuser
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
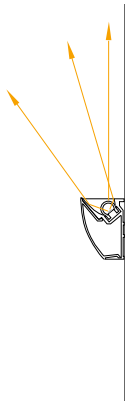
One-sided light emission · **Colour Velvet White**						
	LED		Controllable	A	B	C
51 258.1	16.5 W	1405 lm	DALI	740	65	50
51 259.1	24.8 W	2110 lm	DALI	1140	65	50
51 260.1	38.5 W	3430 lm	DALI	1840	65	50

One-sided light emission · **Colour Velvet Black**						
	LED		Controllable	A	B	C
51 258.5	16.5 W	860 lm	DALI	740	65	50
51 259.5	24.8 W	1425 lm	DALI	1140	65	50
51 260.5	38.5 W	2275 lm	DALI	1840	65	50

One-sided light emission · **Colour Velvet Brass**						
	LED		Controllable	A	B	C
51 258.4	16.5 W	1005 lm	DALI	740	65	50
51 259.4	24.8 W	1650 lm	DALI	1140	65	50
51 260.4	38.5 W	2645 lm	DALI	1840	65	50
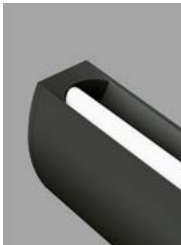
Wall luminaires
Shielded light · Light emission on two sides

Metal housing available with a choice of 3 finishes · Light-diffusing white silicon diffuser
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
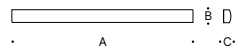
Two-sided light emission · **Colour Velvet White**						
	LED		Controllable	A	B	C
51 261.1	30.6 W	2530 lm	DALI	740	80	50
51 262.1	48.5 W	3975 lm	DALI	1140	80	50
51 263.1	76.3 W	6805 lm	DALI	1840	80	50

Two-sided light emission · **Colour Velvet Black**						
	LED		Controllable	A	B	C
51 261.5	30.6 W	1705 lm	DALI	740	80	50
51 262.5	48.5 W	2660 lm	DALI	1140	80	50
51 263.5	76.3 W	4650 lm	DALI	1840	80	50

Two-sided light emission · **Colour Velvet Brass**						
	LED		Controllable	A	B	C
51 261.4	30.6 W	2030 lm	DALI	740	80	50
51 262.4	48.5 W	3065 lm	DALI	1140	80	50
51 263.4	76.3 W	5535 lm	DALI	1840	80	50
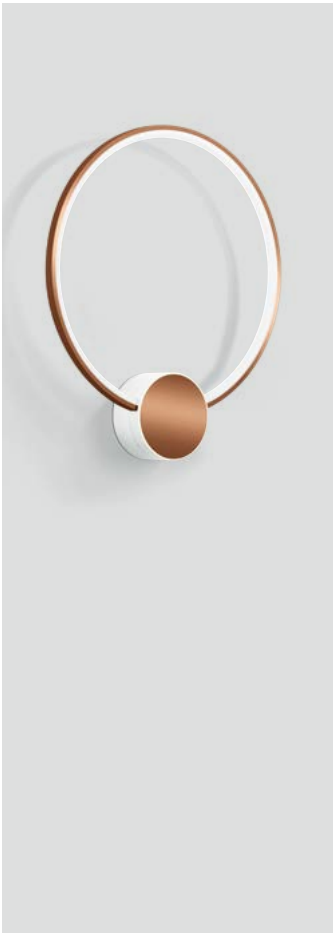
Wall luminaires · Ring luminaires
Unshielded light

Metal ring and synthetic housing with inlay
Metal ring and inlay available in a choice of 4 finishes and
cylinder sheath surfaces in Velvet White or Velvet Black colour
White silicone light diffuser
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

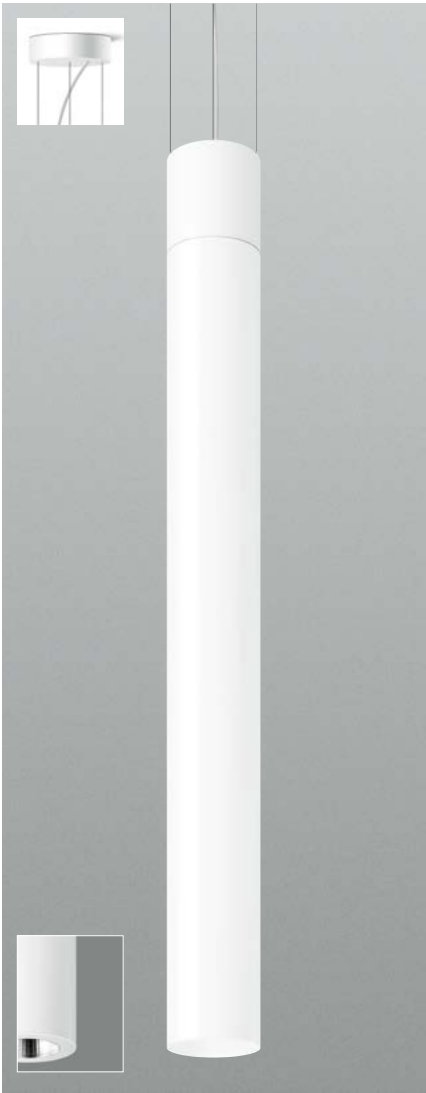Colour temperature: 3000 K – article number + **K3**

Wall panels are accessories and must be ordered separately.

20-year availability guarantee for replacement parts and LED modules

With wall shield
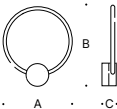
Colour Velvet White						
	LED		Controllable	A	B	C
51 272.1	26.4 W	2290 lm	DALI	430	500	65
51 273.1	38.5 W	3710 lm	DALI	625	690	65

Wall shield **Velvet White**
13 337
13 341

Colour Velvet Black						
	LED		Controllable	A	B	C
51 272.5	26.4 W	2290 lm	DALI	430	500	65
51 273.5	38.5 W	3710 lm	DALI	625	690	65

Wall shield **Velvet Black**
13 339
13 343

Colour Velvet Brass · Cylinder sheath surfaces colour **Velvet White**						
	LED		Controllable	A	B	C
51 272.4	26.4 W	2290 lm	DALI	430	500	65
51 273.4	38.5 W	3710 lm	DALI	625	690	65

Wall shield **Velvet Brass**
13 338
13 342

Colour Velvet Copper · Cylinder sheath surfaces colour **Velvet White**						
	LED		Controllable	A	B	C
51 272.6	26.4 W	2290 lm	DALI	430	500	65
51 273.6	38.5 W	3710 lm	DALI	625	690	65

Wall shield **Velvet Copper**
13 340
13 344

Wall luminaires · Ring luminaires
Unshielded light

Metal ring and synthetic housing with inlay
Metal ring and inlay available in a choice of 4 finishes and
cylinder sheath surfaces in Velvet White or Velvet Black colour
White silicone light diffuser
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for LED modules
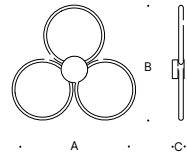
Colour Velvet White						
	LED		Controllable	A	B	C
51 299.1	38.5 W	3295 lm	DALI	510	445	70

Colour Velvet Black						
	LED		Controllable	A	B	C
51 299.5	38.5 W	3295 lm	DALI	510	445	70

Colour Velvet Brass · Cylinder sheath surfaces colour Velvet White						
	LED		Controllable	A	B	C
51 299.4	38.5 W	3295 lm	DALI	510	445	70

Colour Velvet Copper · Cylinder sheath surfaces colour Velvet White						
	LED		Controllable	A	B	C
51 299.6	38.5 W	3295 lm	DALI	510	445	70

Wall luminaires · Ring luminaires
Unshielded light

Metal ring and synthetic housing with inlay
Metal ring and inlay available in a choice of 4 finishes and
cylinder sheath surfaces in Velvet White or Velvet Black colour
White silicone light diffuser
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
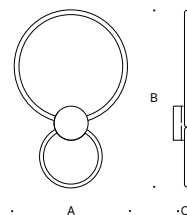
Colour Velvet White						
	LED		Controllable	A	B	C
51 298.1	38.5 W	3420 lm	DALI	430	670	70

Colour Velvet Black						
	LED		Controllable	A	B	C
51 298.5	38.5 W	3420 lm	DALI	430	670	70

Colour Velvet Brass · Cylinder sheath surfaces colour Velvet White						
	LED		Controllable	A	B	C
51 298.4	38.5 W	3420 lm	DALI	430	670	70

Colour Velvet Copper · Cylinder sheath surfaces colour Velvet White						
	LED		Controllable	A	B	C
51 298.6	38.5 W	3420 lm	DALI	430	670	70

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
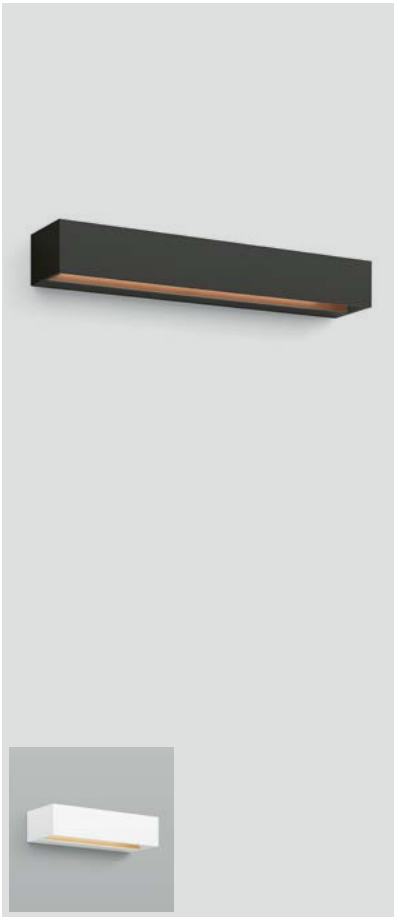
STUDIO LINE
Wall luminaires
Two-sided light emission

Metal housing with outside colour Velvet White or Velvet Black
Inside colour available with a choice of 3 finishes
on/off power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Interior colour **matt aluminium**							
Velvet White	Velvet Black	LED		Controllable	A	B	C
50 818.2	**50 755.2**	13.7 W	820 lm	on/off	300	65	80
50 819.2	**50 756.2**	29.0 W	1345 lm	on/off	500	65	80

Interior colour **matt brass**							
Velvet White	Velvet Black	LED		Controllable	A	B	C
50 818.4	**50 755.4**	13.7 W	775 lm	on/off	300	65	80
50 819.4	**50 756.4**	29.0 W	1235 lm	on/off	500	65	80

Interior colour **matt copper**							
Velvet White	Velvet Black	LED		Controllable	A	B	C
50 818.6	**50 755.6**	13.7 W	675 lm	on/off	300	65	80
50 819.6	**50 756.6**	29.0 W	1065 lm	on/off	500	65	80

STUDIO LINE
Illuminated mirrors
with 360° radial light emission

Protection class IP 44

Metal housing with outside colour Velvet White or Velvet Black
Inside colour available with a choice of 3 finishes
Glass mirror with polished edges and 45° bevels
Interior white translucent synthetic cover
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
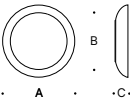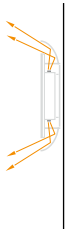
Interior colour **Velvet White**							
Velvet White	Velvet Black	LED		Controllable	A	B	C
51 191.1	**51 190.1**	30.0 W	1650 lm	DALI	520	400	95
51 198.1	**51 222.1**	59.0 W	2835 lm	DALI	700	550	95
51 199.1	**51 223.1**	91.5 W	4005 lm	DALI	900	750	95

Interior colour **matt brass**							
Velvet White	Velvet Black	LED		Controllable	A	B	C
51 191.4	**51 190.4**	30.0 W	760 lm	DALI	520	400	95
51 198.4	**51 222.4**	59.0 W	1475 lm	DALI	700	550	95
51 199.4	**51 223.4**	91.5 W	2000 lm	DALI	900	750	95

Interior colour **matt copper**							
Velvet White	Velvet Black	LED		Controllable	A	B	C
51 191.6	**51 190.6**	30.0 W	520 lm	DALI	520	400	95
51 198.6	**51 222.6**	59.0 W	900 lm	DALI	700	550	95
51 199.6	**51 223.6**	91.5 W	1205 lm	DALI	900	750	95

STUDIO LINE
Wall luminaires
with 360° radial light emission

Metal housing with outside colour Velvet White or Velvet Black
Inside colour available in 2 finishes
Inner translucent white synthetic cover
on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

· A · · B ·
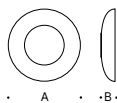
Interior colour **matt brass**

Velvet White	Velvet Black	LED		Controllable	A	B
51 216.4	**51 219.4**	28.4 W	710 lm	on/off	520	100
51 217.4	**51 220.4**	36.5 W	850 lm	DALI	700	90

Interior colour **matt copper**

Velvet White	Velvet Black	LED		Controllable	A	B
51 216.6	**51 219.6**	28.4 W	445 lm	on/off	520	100
51 217.6	**51 220.6**	36.5 W	530 lm	DALI	700	90

STUDIO LINE
Wall luminaires
with 360° radial light emission

Metal housing with outside colour Velvet White or Velvet Black
Inside colour available with a choice of 2 finishes
Internal translucent white synthetic cover
DALI controllable power supply units · BEGA Thermal Management®

The luminaire can be rotated on the fitting by 360 degrees and
is fixed in place with a screw after the desired position is found.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

· A · · B ·

Interior colour **matt brass**

Velvet White	Velvet Black	LED		Controllable	A	B
50 909.4	**50 912.4**	18.0 W	600 lm	DALI	400	90
50 910.4	**50 913.4**	25.8 W	700 lm	DALI	500	110

Interior colour **matt copper**

Velvet White	Velvet Black	LED		Controllable	A	B
50 909.6	**50 912.6**	18.0 W	505 lm	DALI	400	90
50 910.6	**50 913.6**	25.8 W	525 lm	DALI	500	110

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

STUDIO LINE
Wall luminaires
Two-sided light emission

Metal housing with outside colour Velvet White or Velvet Black
Inside colour available with a choice of 3 finishes
BEGA AC module
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
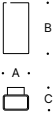
Interior colour **matt aluminium**						
Velvet White	Velvet Black	LED		Controllable	A	B	C
50 349.2	**50 213.2**	10.0 W	310 lm	on/off	100	180	90
50 350.2	**50 214.2**	14.0 W	365 lm	on/off	120	220	90

Interior colour **matt brass**						
Velvet White	Velvet Black	LED		Controllable	A	B	C
50 349.4	**50 213.4**	10.0 W	250 lm	on/off	100	180	90
50 350.4	**50 214.4**	14.0 W	305 lm	on/off	120	220	90

Interior colour **matt copper**						
Velvet White	Velvet Black	LED		Controllable	A	B	C
50 349.6	**50 213.6**	10.0 W	165 lm	on/off	100	180	90
50 350.6	**50 214.6**	14.0 W	215 lm	on/off	120	220	90

STUDIO LINE
Wall luminaires
Light emission on two sides

Outside colour Velvet White or Velvet Black
Metal fitting
Ø 165: Luminaire shield made of synthetic material
Ø 215: Luminaire shield made of metal
Inside colour available with a choice of 2 finishes
Translucent synthetic cover with optical texture
on/off or DALI controllable power supply units
BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
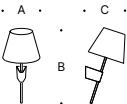
Interior colour **matt brass**						
Velvet White	Velvet Black	LED		Controllable	A	B	C
51 280.4	**51 281.4**	8.8 W	625 lm	on/off	165	350	160
51 147.4	**51 148.4**	19.5 W	1355 lm	DALI	215	440	230

Interior colour **matt copper**						
Velvet White	Velvet Black	LED		Controllable	A	B	C
51 280.6	**51 281.6**	8.8 W	570 lm	on/off	165	350	160
51 147.6	**51 148.6**	19.5 W	1315 lm	DALI	215	440	230

STUDIO LINE
Wall luminaires
Two-sided light emission

Metal housing with outside colour Velvet White or Velvet Black
Inside colour available with a choice of 3 finishes
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
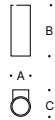
Interior colour **matt aluminium**						
Velvet White	Velvet Black	LED		Controllable	A	B	C
51 143.2	**51 145.2**	19.5 W	1130 lm	DALI	80	210	100
51 144.2	**51 146.2**	28.0 W	1455 lm	DALI	100	250	120

Interior colour **matt brass**						
Velvet White	Velvet Black	LED		Controllable	A	B	C
51 143.4	**51 145.4**	19.5 W	965 lm	DALI	80	210	100
51 144.4	**51 146.4**	28.0 W	1290 lm	DALI	100	250	120

Interior colour **matt copper**						
Velvet White	Velvet Black	LED		Controllable	A	B	C
51 143.6	**51 145.6**	19.5 W	885 lm	DALI	80	210	100
51 144.6	**51 146.6**	28.0 W	1120 lm	DALI	100	250	120

STUDIO LINE
Wall luminaires
Two-sided light emission

Metal housing with outside colour Velvet White or Velvet Black
Inside colour available with a choice of 3 finishes
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
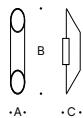
Interior colour **matt aluminium**						
Velvet White	Velvet Black	LED		Controllable	A	B	C
51 056.2	**51 058.2**	19.5 W	640 lm	DALI	80	500	100
51 057.2	**51 059.2**	28.0 W	960 lm	DALI	100	600	120

Interior colour **matt brass**						
Velvet White	Velvet Black	LED		Controllable	A	B	C
51 056.4	**51 058.4**	19.5 W	440 lm	DALI	80	500	100
51 057.4	**51 059.4**	28.0 W	640 lm	DALI	100	600	120

Interior colour **matt copper**						
Velvet White	Velvet Black	LED		Controllable	A	B	C
51 056.6	**51 058.6**	19.5 W	405 lm	DALI	80	500	100
51 057.6	**51 059.6**	28.0 W	565 lm	DALI	100	600	120

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
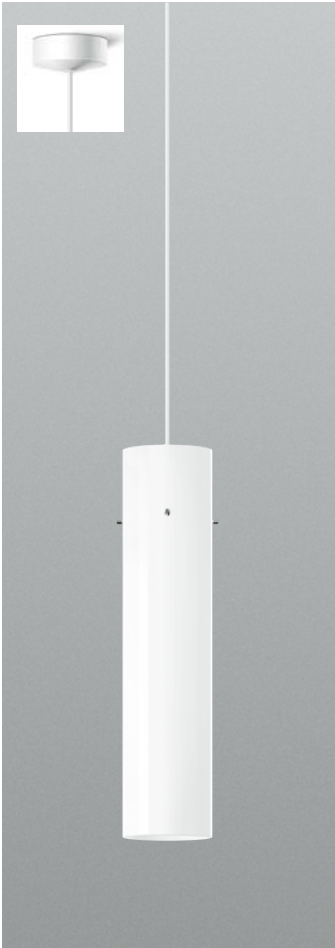
Pendant luminaires

Pendant luminaires · Downlights

Metal housing and canopy available with a choice of 3 finishes · Crystal glass
Focusing /diffusing lens made of partially frosted crystal glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Cable suspension · Special lengths on request
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
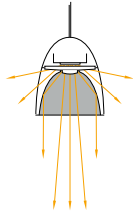
Colour white:
Reflector exterior white

Colour white · Reflector, outside white · White cable pendant

	LED		Controllable	β	A	B	L
56 575.1	10.6 W	1140 lm	on/off	38°	145	165	1500
56 565.1	16.0 W	1560 lm	DALI	36°	200	225	2000
56 566.1	20.0 W	2050 lm	DALI	38°	255	290	3000
56 581.1	39.3 W	3540 lm	DALI	61°	300	340	4000

Stainless steel · Cable pendant colour black

	LED		Controllable	β	A	B	L
56 575.2	10.6 W	1140 lm	on/off	38°	145	165	1500
56 565.2	16.0 W	1460 lm	DALI	36°	200	225	2000
56 566.2	20.0 W	2050 lm	DALI	38°	255	290	3000
56 581.2	39.3 W	3415 lm	DALI	61°	300	340	4000

Polished aluminium · Cable pendant colour black

	LED		Controllable	β	A	B	L
56 575.3	10.6 W	1140 lm	on/off	38°	145	165	1500
56 565.3	16.0 W	1460 lm	DALI	36°	200	225	2000
56 566.3	20.0 W	2050 lm	DALI	38°	255	290	3000
56 581.3	39.3 W	3415 lm	DALI	61°	300	340	4000

β = Half beam angle

Pendant luminaires
Wide beam light distribution

Cast aluminium luminaire housing · Luminaire housing and canopy available in white
Partially frosted crystal glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Transparent cable pendant · Special lengths on request
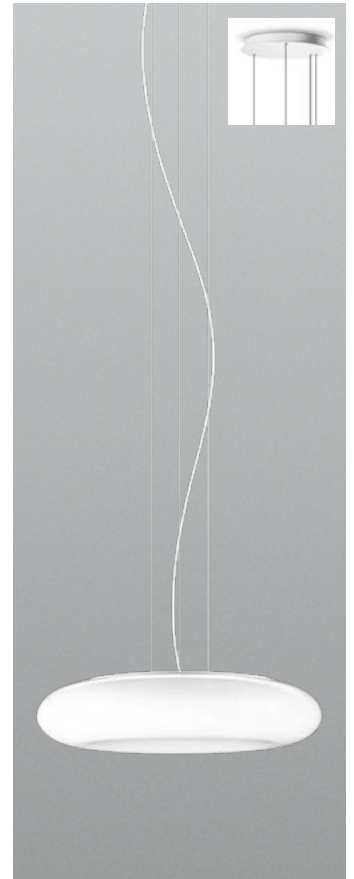on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	β	A	B	L
56 538.1	4.8 W	180 lm	on/off	54°	95	125	1500
50 700.1	13.4 W	1180 lm	DALI	75°	135	180	2000
50 701.1	19.0 W	1605 lm	DALI	68°	155	220	2000

Pendant luminaires
Wide beam light distribution

Cast aluminium luminaire housing · Luminaire housing and canopy in colour Velvet White
Silicone diffusing lens · Partially frosted crystal glass
Reflector made of pure anodised aluminium · BEGA Constant Optics®
Cable pendant colour white · Special lengths on request
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

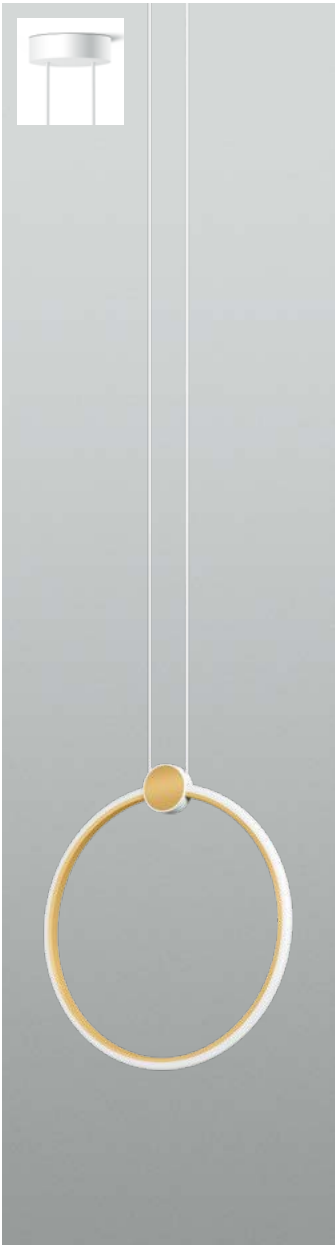Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

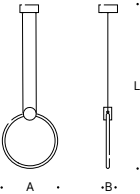|	LED		Controllable	β	A	B	L
50 612.1	9.2 W	855 lm	on/off	55°	120	130	2000
50 613.1	13.7 W	1150 lm	DALI	53°	135	145	3000
50 614.1	19.5 W	1655 lm	DALI	49°	180	175	3000

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Pendant luminaires for large rooms
Unshielded cylinder with high light outputs
With optional downlight

Metal fitting and canopy, colour white
White translucent synthetic cylinder · Reflector made of pure anodised aluminium
3 steel wires · Transparent cable pendant · Special lengths on request
DALI controllable power supply units · BEGA Thermal Management®

For the luminaire 50673.1, the unshielded portion of light and the light emitted downward
can be individually controlled.

Colour rendering index (CRI) > 90

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
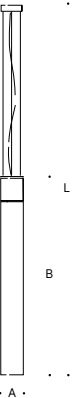
Unshielded

	LED			Controllable	A	B	L
50 672.1	115.0 W	12 535 lm	Synthetic cylinder	DALI	190	1780	4000

Unshielded · With additional downlight

	LED			Controllable	A	B	L
50 673.1	115.0 W	12 535 lm	Synthetic cylinder	DALI	190	1780	4000
	19.3 W	1595 lm	Downlights				

Pendant luminaires · Downlights
Unshielded sphere with light emission downwards and upwards

Metal fitting and canopy, colour white
White, translucent synthetic cover
Reflector made of pure anodised aluminium · Safety glass
Silicone diffusing lens · BEGA Constant Optics®
Cable pendant colour white · Special lengths on request
DALI controllable power supply units · BEGA Thermal Management®

For these luminaires, the unshielded portion of light and the light emitted upward and
downward can be individually controlled.

Colour rendering index (CRI) > 90

Colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
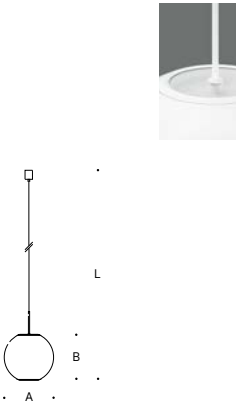
Pendant luminaires · Downlights · With light emission downwards and upwards

	LED			Controllable	β	A	B	L
51 109.1	38.5 W	4790 lm	Synthetic sphere	DALI	—	450	415	6000
	19.8 W	1980 lm	Downlights		85°			
	11.0 W	1260 lm	Light emission upwards		—			
51 110.1	59.0 W	7325 lm	Synthetic sphere	DALI	—	550	510	10000
	39.5 W	3645 lm	Downlights		85°			
	22.0 W	2690 lm	Light emission upwards		—			
51 111.1	84.0 W	9765 lm	Synthetic sphere	DALI	—	650	620	10000
	61.5 W	5525 lm	Downlights		85°			
	28.6 W	3385 lm	Light emission upwards		—			

β = Half beam angle

Pendant luminaires · Downlights
Unshielded cylinder with additional downlight and optional light emission upwards or RGBW

Metal fitting and canopy colour white · Three-ply opal glass · Safety glass
Reflector made of pure anodised aluminium · Silicone diffusing lens · BEGA Constant Optics®
Cable pendant colour white · Special lengths on request
DALI controllable power supply units · BEGA Thermal Management®

The RGBW luminaires can be controlled via a DALI colour light control (DT8, RGBWAF, xy).
For the technical data of DALI system components, see Pages 428 to 433.

In the pendant luminaires, the unshielded and downward-directed part of the light, and the upward-directed part of the light in the version with additional upward light, can be controlled individually.
The downward-directed light of the downlight will always be either 3000 K or 4000 K.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
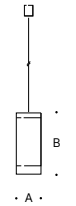
Pendant luminaires · Downlights								
	LED			Controllable	β	A	B	L
50 234.1	16.0 W	1230 lm	Opal glass	DALI	—	185	480	6000
	20.0 W	1845 lm	Downlights		85°			
50 236.1	31.0 W	2800 lm	Opal glass	DALI	—	185	480	6000
	20.0 W	1845 lm	Downlights		85°			
50 235.1	30.0 W	2235 lm	Opal glass	DALI	—	220	570	10000
	40.3 W	4275 lm	Downlights		85°			
50 237.1	56.0 W	4960 lm	Opal glass	DALI	—	220	570	10000
	39.7 W	4275 lm	Downlights		85°			

Pendant luminaires · Downlights · **With additional light emission upwards**								
	LED			Controllable	β	A	B	L
50 238.1	31.0 W	2800 lm	Opal glass	DALI	—	185	480	6000
	20.0 W	1845 lm	Downlights		85°			
	11.0 W	1445 lm	Light emission upwards		—			
50 239.1	56.0 W	4960 lm	Opal glass	DALI	—	220	570	10000
	39.7 W	4275 lm	Downlights		85°			
	22.2 W	2495 lm	Light emission upwards		—			

RGBW-pendant luminaires · Downlights · **With additional light emission upwards**								
	LED			Controllable	β	A	B	L
50 609.1	30.3 W	1435 lm	Opal glass	DALI DT8	—	185	480	6000
	18.5 W	1810 lm	Downlights		85°			
	15.7 W	1140 lm	Light emission upwards		—			
50 610.1	39.5 W	1905 lm	Opal glass	DALI DT8	—	220	570	10000
	40.0 W	4275 lm	Downlights		85°			
	18.5 W	1365 lm	Light emission upwards		—			

Pendant luminaires · Downlights
Cylinder with light emission downwards and upwards

Metal fitting and canopy, colour Velvet White
Synthetic ventilation shield colour black · Safety glass
Reflector surface made of pure aluminium · Optical silicone lens · BEGA Hybrid Optics®
Cable pendant colour white · Special lengths on request
DALI controllable power supply units · BEGA Thermal Management®

For the pendant luminaires, the light emitted upward and downward can be individually controlled.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
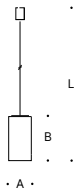
Pendant luminaires · Downlights								
	LED			Controllable	β	A	B	L
51 332.1	13.5 W	1305 lm	Light emission upwards	DALI	—	140	270	6000
	27.6 W	2575 lm	Downlights		74°			
51 333.1	21.5 W	1990 lm	Light emission upwards	DALI	—	170	330	8000
	40.0 W	4050 lm	Downlights		64°			
51 334.1	28.0 W	3030 lm	Light emission upwards	DALI	—	220	400	10000
	52.0 W	5315 lm	Downlights		62°			

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

The sphere · Pendant luminaires with cable pendant
Unshielded light

Metal fitting and canopy available with a choice of 4 finishes
Satin matt three-ply opal glass or white translucent synthetic cover
Cable suspension · Special lengths on request
LED luminaires are equipped with canopy **1**,
Luminaires with E 27 socket are equipped with canopy **2**.

Luminaires with LED module:
DALI controllable power supply units · BEGA Thermal Management ®
Colour rendering index (CRI) > 90
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour rendering index (CRI) > 80
Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacement parts and LED modules

Opal glass · Colour white · Cable suspension colour white					
	LED module		Controllable	A	L
50 820.1	26.5 W	2630 lm	DALI	250	2000
50 821.1	39.5 W	3950 lm	DALI	300	2000
50 822.1	58.5 W	6250 lm	DALI	350	2000
50 823.1	65.0 W	7155 lm	DALI	400	2050
	LED lamp		Socket		
45 485.1	1× 7 W	710 lm	E 27	200	1950
45 486.1	1×12 W	1200 lm	E 27	250	2000
45 487.1	1×12 W	1200 lm	E 27	300	2000
45 488.1	1×12 W	1200 lm	E 27	350	2000

Synthetic material · Colour white · cable suspension colour white					
	LED module		Controllable	A	L
50 820.1P	26.5 W	2865 lm	DALI	250	2000
50 821.1P	39.5 W	4095 lm	DALI	300	2000
50 822.1P	58.5 W	6610 lm	DALI	350	2000
50 823.1P	65.0 W	7555 lm	DALI	400	2050
	LED lamp		Socket		
45 486.1P	1×12 W	1240 lm	E 27	250	2000
45 487.1P	1×12 W	1240 lm	E 27	300	2000
45 488.1P	1×12 W	1240 lm	E 27	350	2000

Opal glass · Stainless steel · Cable suspension colour black					
	LED module		Controllable	A	L
50 820.2	26.5 W	2630 lm	DALI	250	2000
50 821.2	39.5 W	3950 lm	DALI	300	2000
50 822.2	58.5 W	6250 lm	DALI	350	2000
50 823.2	65.0 W	7155 lm	DALI	400	2050
	LED lamp		Socket		
45 485.2	1× 7 W	710 lm	E 27	200	1950
45 486.2	1×12 W	1200 lm	E 27	250	2000
45 487.2	1×12 W	1200 lm	E 27	300	2000
45 488.2	1×12 W	1200 lm	E 27	350	2000

Synthetic material · Stainless steel · Cable suspension colour black					
	LED module		Controllable	A	L
50 820.2P	26.5 W	2865 lm	DALI	250	2000
50 821.2P	39.5 W	4095 lm	DALI	300	2000
50 822.2P	58.5 W	6610 lm	DALI	350	2000
50 823.2P	65.0 W	7555 lm	DALI	400	2050
	LED lamp		Socket		
45 486.2P	1×12 W	1240 lm	E 27	250	2000
45 487.2P	1×12 W	1240 lm	E 27	300	2000
45 488.2P	1×12 W	1240 lm	E 27	350	2000
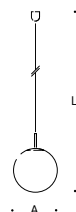
Opal glass · Chrome · Cable suspension black

	LED module		Controllable	A	L
50 820.3	26.5 W	2630 lm	DALI	250	2000
50 821.3	39.5 W	3950 lm	DALI	300	2000
50 822.3	58.5 W	6250 lm	DALI	350	2000
50 823.3	65.0 W	7155 lm	DALI	400	2050
	LED lamp		Socket		
45 485.3	1× 7 W	710 lm	E 27	200	1950
45 486.3	1×12 W	1200 lm	E 27	250	2000
45 487.3	1×12 W	1200 lm	E 27	300	2000
45 488.3	1×12 W	1200 lm	E 27	350	2000

Synthetic material · Chrome · Cable suspension black

	LED module		Controllable	A	L
50 820.3 P	26.5 W	2865 lm	DALI	250	2000
50 821.3 P	39.5 W	4095 lm	DALI	300	2000
50 822.3 P	58.5 W	6610 lm	DALI	350	2000
50 823.3 P	65.0 W	7555 lm	DALI	400	2050
	LED lamp		Socket		
45 486.3 P	1×12 W	1240 lm	E 27	250	2000
45 487.3 P	1×12 W	1240 lm	E 27	300	2000
45 488.3 P	1×12 W	1240 lm	E 27	350	2000
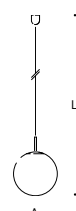
Opal glass · Brass · Cable suspension white

	LED module		Controllable	A	L
50 820.4	26.5 W	2630 lm	DALI	250	2000
50 821.4	39.5 W	3950 lm	DALI	300	2000
50 822.4	58.5 W	6250 lm	DALI	350	2000
50 823.4	65.0 W	7155 lm	DALI	400	2050
	LED lamp		Socket		
45 485.4	1× 7 W	710 lm	E 27	200	1950
45 486.4	1×12 W	1200 lm	E 27	250	2000
45 487.4	1×12 W	1200 lm	E 27	300	2000
45 488.4	1×12 W	1200 lm	E 27	350	2000

Synthetic material · Brass · Cable suspension white

	LED module		Controllable	A	L
50 820.4 P	26.5 W	2865 lm	DALI	250	2000
50 821.4 P	39.5 W	4095 lm	DALI	300	2000
50 822.4 P	58.5 W	6610 lm	DALI	350	2000
50 823.4 P	65.0 W	7555 lm	DALI	400	2050
	LED lamp		Socket		
45 486.4 P	1×12 W	1240 lm	E 27	250	2000
45 487.4 P	1×12 W	1240 lm	E 27	300	2000
45 488.4 P	1×12 W	1240 lm	E 27	350	2000

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
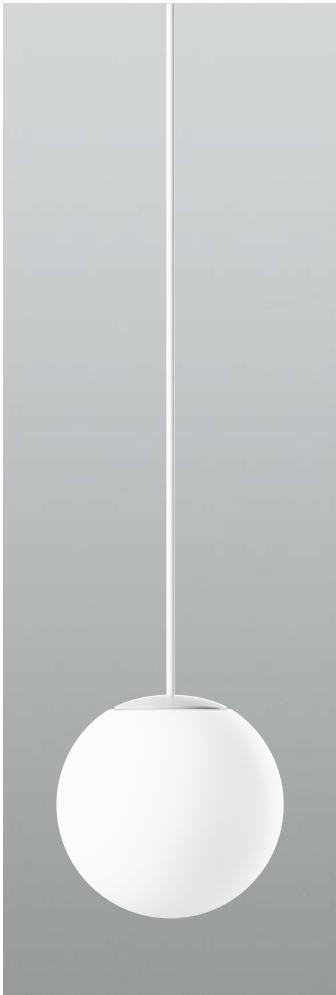
The sphere · Pendant luminaires with tube pendulum
Unshielded light

Metal fitting, tube pendulum and canopy available in 4 finishes
Satin matt three-ply opal glass or white translucent synthetic cover
Pendulum tube · Special lengths on request
LED luminaires are equipped with canopy **1**,
Luminaires with E 27 socket are equipped with canopy **2**.

Luminaires with LED module:
DALI controllable power supply units · BEGA Thermal Management®
Colour rendering index (CRI) > 90
Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

We supply the E 27 screw base luminaires complete with matching LED lamps.
Colour rendering index (CRI) > 80
Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacement parts and LED modules
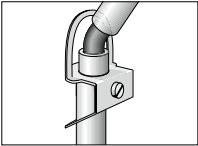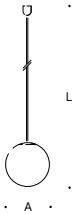
A special structure allows
the tube pendulum to be easily
shortened to the required
length.

Opal glass · Colour white · Pendulum tube white

	LED module		Controllable	A	L
50 825.1	26.5 W	2630 lm	DALI	250	1800
50 826.1	39.5 W	3950 lm	DALI	300	1850
50 827.1	58.5 W	6250 lm	DALI	350	1900
50 828.1	65.0 W	7155 lm	DALI	400	1950
	LED lamp		Socket		
45 950.1	1 × 12 W	1200 lm	E 27	250	1800
45 726.1	1 × 12 W	1200 lm	E 27	300	1850
45 727.1	1 × 12 W	1200 lm	E 27	350	1900

Synthetic material · Colour white · Pendulum tube white

	LED module		Controllable	A	L
50 825.1P	26.5 W	2865 lm	DALI	250	1800
50 826.1P	39.5 W	4095 lm	DALI	300	1850
50 827.1P	58.5 W	6610 lm	DALI	350	1900
50 828.1P	65.0 W	7555 lm	DALI	400	1950
	LED lamp		Socket		
45 950.1P	1 × 12 W	1240 lm	E 27	250	1800
45 726.1P	1 × 12 W	1240 lm	E 27	300	1850
45 727.1P	1 × 12 W	1240 lm	E 27	350	1900

Opal glass · Stainless steel · Pendulum tube stainless steel finish

	LED module		Controllable	A	L
50 825.2	26.5 W	2630 lm	DALI	250	1800
50 826.2	39.5 W	3950 lm	DALI	300	1850
50 827.2	58.5 W	6250 lm	DALI	350	1900
50 828.2	65.0 W	7155 lm	DALI	400	1950
	LED lamp		Socket		
45 950.2	1 × 12 W	1200 lm	E 27	250	1800
45 726.2	1 × 12 W	1200 lm	E 27	300	1850
45 727.2	1 × 12 W	1200 lm	E 27	350	1900

Synthetic material · Stainless steel · Pendulum tube stainless steel finish

	LED module		Controllable	A	L
50 825.2P	26.5 W	2865 lm	DALI	250	1800
50 826.2P	39.5 W	4095 lm	DALI	300	1850
50 827.2P	58.5 W	6610 lm	DALI	350	1900
50 828.2P	65.0 W	7555 lm	DALI	400	1950
	LED lamp		Socket		
45 950.2P	1 × 12 W	1240 lm	E 27	250	1800
45 726.2P	1 × 12 W	1240 lm	E 27	300	1850
45 727.2P	1 × 12 W	1240 lm	E 27	350	1900

Opal glass · Chrome · Pendulum tube chrome finish

	LED module		Controllable	A	L
50 825.3	26.5 W	2630 lm	DALI	250	1800
50 826.3	39.5 W	3950 lm	DALI	300	1850
50 827.3	58.5 W	6250 lm	DALI	350	1900
50 828.3	65.0 W	7155 lm	DALI	400	1950
	LED lamp		Socket		
45 950.3	1 × 12 W	1200 lm	E 27	250	1800
45 726.3	1 × 12 W	1200 lm	E 27	300	1850
45 727.3	1 × 12 W	1200 lm	E 27	350	1900

Synthetic material · Chrome · Pendulum tube chrome finish

	LED module		Controllable	A	L
50 825.3P	26.5 W	2865 lm	DALI	250	1800
50 826.3P	39.5 W	4095 lm	DALI	300	1850
50 827.3P	58.5 W	6610 lm	DALI	350	1900
50 828.3P	65.0 W	7555 lm	DALI	400	1950
	LED lamp		Socket		
45 950.3P	1 × 12 W	1240 lm	E 27	250	1800
45 726.3P	1 × 12 W	1240 lm	E 27	300	1850
45 727.3P	1 × 12 W	1240 lm	E 27	350	1900

Opal glass · Brass · Pendulum tube brass finish

	LED module		Controllable	A	L
50 825.4	26.5 W	2630 lm	DALI	250	1800
50 826.4	39.5 W	3950 lm	DALI	300	1850
50 827.4	58.5 W	6250 lm	DALI	350	1900
50 828.4	65.0 W	7155 lm	DALI	400	1950
	LED lamp		Socket		
45 950.4	1 × 12 W	1200 lm	E 27	250	1800
45 726.4	1 × 12 W	1200 lm	E 27	300	1850
45 727.4	1 × 12 W	1200 lm	E 27	350	1900

Synthetic material · Brass · Pendulum tube brass finish

	LED module		Controllable	A	L
50 825.4P	26.5 W	2865 lm	DALI	250	1800
50 826.4P	39.5 W	4095 lm	DALI	300	1850
50 827.4P	58.5 W	6610 lm	DALI	350	1900
50 828.4P	65.0 W	7555 lm	DALI	400	1950
	LED lamp		Socket		
45 950.4P	1 × 12 W	1240 lm	E 27	250	1800
45 726.4P	1 × 12 W	1240 lm	E 27	300	1850
45 727.4P	1 × 12 W	1240 lm	E 27	350	1900

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Pendant luminaires
Unshielded light

Metal fitting and canopy colour white · Three-ply opal glass satin matt
Cable pendant colour white · Special lengths on request
DALI controllable power supply units

Colour rendering index (CRI) >90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	L
56 606.1	13.8 W	1330 lm	DALI	120	280	2000
56 607.1	26.0 W	2700 lm	DALI	150	350	2050
56 608.1	32.0 W	3330 lm	DALI	180	420	2100
56 609.1	58.5 W	5920 lm	DALI	220	550	2200

Pendant luminaires
Unshielded light

Screwed glass connections in stainless steel · Canopy colour white · Three-ply opal glass
Cable pendant colour white · Special lengths on request
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) >90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

	LED		Controllable	A	B	L
50 409	18.0 W	1635 lm	DALI	110	400	3000
50 410	19.3 W	2025 lm	DALI	140	620	4000
50 411	50.5 W	5020 lm	DALI	160	700	4000
50 412	104.8 W	10920 lm	DALI	220	800	4000

Pendant luminaires
Unshielded light

Metal fitting and canopy colour white · Three-ply opal glass
3 steel wires · Transparent cable pendant · Special lengths on request
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
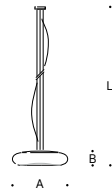
	LED		Controllable	A	B	L
56 545	13.3 W	1255 lm	on/off	400	110	3000
56 577	28.7 W	2630 lm	DALI	460	110	4000
56 578	35.0 W	3600 lm	DALI	560	140	4000

Pendant luminaires
Unshielded light

Metal fitting and canopy, colour white
Satin matt three-ply opal glass
3 steel wires · Transparent cable pendant · Special lengths on request
on/off or DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
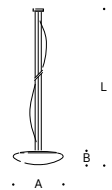
	LED		Controllable	A	B	L
56 554	13.3 W	1235 lm	on/off	350	95	3000
56 579	28.7 W	2435 lm	DALI	420	110	4000
56 580	35.0 W	3640 lm	DALI	510	130	4000
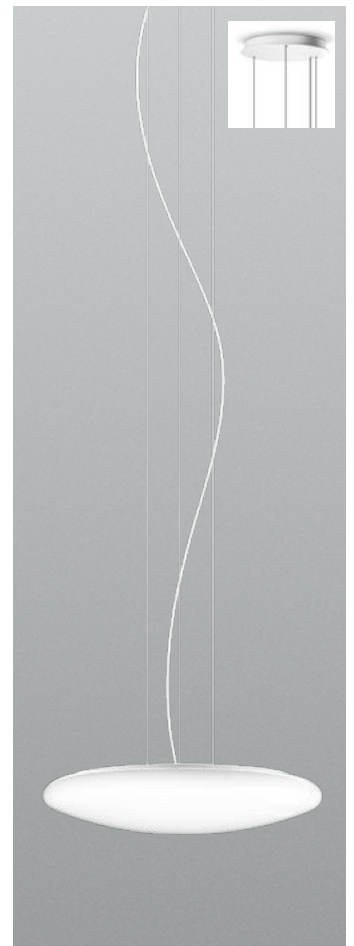
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Pendant luminaires
Unshielded light

Metal ring · Canopy and cylinder with inlay made of synthetic material
Metal ring and inlay available with a choice of 4 finishes
Cylinder sheath surfaces and canopy in Velvet White or Velvet Black
White silicone light diffuser
Cable suspension · Special lengths on request
DALI controllable power supply units · BEGA Thermal Management®
Colour rendering index (CRI) > 90

The luminaire position can be adjusted via a fine adjustment in the canopy.

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

See Pages 341 and 374 – 375 for matching ceiling and wall luminaires.

Colour Velvet White · Cable suspension colour white

	LED		Controllable	A	B	L
51 270.1	26.4 W	2475 lm	DALI	420	20	1800
51 271.1	38.5 W	3745 lm	DALI	615	20	2000

Colour Velvet Black · Cable suspension colour black

	LED		Controllable	A	B	L
51 270.5	26.4 W	2475 lm	DALI	420	20	1800
51 271.5	38.5 W	3745 lm	DALI	615	20	2000

Colour Velvet Brass · **Cylinder sheath surfaces** colour **Velvet White** · Cable suspension colour white

	LED		Controllable	A	B	L
51 270.4	26.4 W	2475 lm	DALI	420	20	1800
51 271.4	38.5 W	3745 lm	DALI	615	20	2000

Colour Velvet Copper · **Cylinder sheath surfaces** colour **Velvet White** · Cable suspension colour white

	LED		Controllable	A	B	L
51 270.6	26.4 W	2475 lm	DALI	420	20	1800
51 271.6	38.5 W	3745 lm	DALI	615	20	2000

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

BEGA System pendant luminaires · Installation components

As a modular system, BEGA System pendant luminaires allow you to combine pendant luminaires with various installation components.

The electrical connection and suspension of a pendant luminaire on the ceiling are usually done under a canopy. Apart from providing safety-relevant protection against contact voltage, this also conceals the suspension and cable connection.

Depending on architectural conditions, pendant luminaires may have to be installed in a variety of ceiling structures.

For example, the electrical connection and suspension may have to be integrated into a suspended ceiling. Other ceiling types, where pendant luminaires may have to be mounted and installed, include vaulted, slanted, or ceilings with track systems.

System pendant luminaires

Page	394	395	396	399	398
Controllable	on/off · DALI · BEGA Smart	DALI · BEGA Smart	on/off · DALI · BEGA Smart	on/off · DALI · BEGA Smart	DALI · BEGA Smart
Colour temperature	3000 K · 4000 K	adjustable 3000 K · 4000 K	3000 K	3000 K	3000 K
Luminaire lum. flux	485 – 2150 lm	1600–3290 lm	545 · 1550 lm	430–3775 lm	440–1100 lm
Size	Ø 160 · 210 · 260 mm	Ø 260 · 360 mm	Ø 160 · 180 mm	Ø 90 · 120 · 135 · 180 mm	Ø 115 · 145 mm

Page	403	403	404	405	405
Controllable	on/off · DALI · BEGA Smart	on/off · DALI · BEGA Smart	DALI · BEGA Smart	DALI · BEGA Smart	DALI · BEGA Smart
Colour temperature	3000 K	3000 K	3000 K	3000 K	3000 K
Luminaire lum. flux	325–1860 lm	890–1660 lm	685–1810 lm	865 · 1475 lm	925 · 1525 lm
Size	Ø 90 · 120 · 135 · 180 mm	Ø 140 · 190 mm	Ø 100 · 140 mm	Ø 80 · 100 mm	Ø 50 · 60 mm

Installation components

Surface-mounted canopy for straight ceilings

Velvet White	Velvet Black
13 229	13 228
13 238	13 237
13 241	13 240
13 245	13 239
13 255	13 251
13 257	13 256
13 327	13 328
13 346	13 347

Type A
For the electrical installation and mounting of a BEGA System pendant luminaire on any type of ceiling.

Velvet White	Velvet Black
13 227	13 265
13 266	13 267
13 276	13 270
13 282	13 281
13 329	13 330

Type AS · Smart
Identical in design to Type A, but with built-in Smart DALI Controller for wireless control of the luminaire using BEGA Smart.

Surface-mounted canopy for straight and sloped ceilings

Velvet White	Velvet Black
13 232	13 231
13 244	13 243
13 247	13 246
13 259	13 258
13 331	13 332
13 350	13 351

Type B
For the mounting and electrical installation of BEGA System pendant luminaires on all types of sloped and flat ceilings. Suitable for slanted ceilings with a pitch of 0–40°.

Velvet White	Velvet Black
13 269	13 268

Type BS · Smart
Structurally identical to type B, but with built-in Smart DALI Controller for the wireless control of the luminaire using BEGA Smart.

The actual dimensions of the installation components may vary from the schematics. Instructions for use with all technical data can be found on our website at www.bega.com/system-pendants.

With BEGA System pendant luminaires, you simply order the appropriate installation components for your desired type of installation.

Please take note of the technical data of the system pendant luminaires and installation components when planning. All relevant instructions for use can be found on our website.

Page	397	400	401	406	406
Controllable	DALI · BEGA Smart	DALI · BEGA Smart	on/off · DALI · BEGA Smart	DALI · BEGA Smart	DALI · BEGA Smart
Colour temperature	2700 K · 3000 K	3000 K	3000 K	3000 K	3000 K
Luminaire lum. flux	500–525 lm	2425–4045 lm	1010–3305 lm	855–2530 lm	470–1740 lm
Size	Ø 110 mm	Ø 250 · 350 mm	Ø 200 · 250 · 350 mm	Ø 190 · 230 · 270 mm	Ø 160 · 195 · 240 mm

Page	402	402	407	407
Controllable	on/off · DALI · BEGA Smart	on/off · DALI · BEGA Smart	on/off · DALI · BEGA Smart	on/off · DALI · BEGA Smart
Colour temperature	3000 K	3000 K	3000 K	3000 K
Luminaire lum. flux	655–1970 lm	685–1575 lm	975–4220 lm	1010–4000 lm
Size	Ø 165 · 215 mm	Ø 145 · 190 · 255 mm	Ø 350 · 450 · 600 mm	Ø 260 · 360 · 430 mm

Recessed canopy for straight and sloped ceilings

Velvet White	Velvet Black
13 235	13 234
13 250	13 249
13 253	13 252
13 261	13 260
13 333	13 334
13 352	13 353
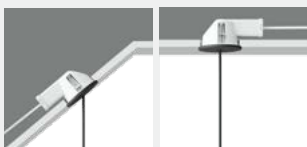
Type C
For the mounting and electrical installation of a BEGA System pendant luminaire on slanted ceilings or level suspended ceilings. Suitable for sloped ceilings with an inclination of 0–40°.

Velvet White	Velvet Black
13 272	13 271
13 275	13 274
13 279	13 273
13 285	13 284
13 335	13 336
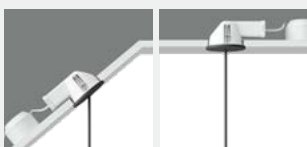
Type CS · Smart
Structurally identical to type C, but with built-in Smart DALI Controller for wireless control of the luminaire using BEGA Smart.

Track adapter

Velvet White	Velvet Black
13 216	13 215
13 218	13 219
13 220	13 221
13 224	13 225
13 226	13 217
13 356	13 357
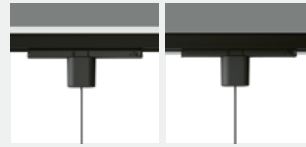
Type D
for the integration of a BEGA System pendant luminaire in surface mounted and recessed Eurostandard-Plus® track systems. Track adapters are not suitable for use with direct current applications.

works with
BEGA Smart

BEGA Smart – Light control via app

BEGA Smart controllable luminaires can be networked, switched, dimmed and adjusted to a colour temperature of 3000 K or 4000 K as needed.
Find out more on Page 19 and on **bega.com/smart**
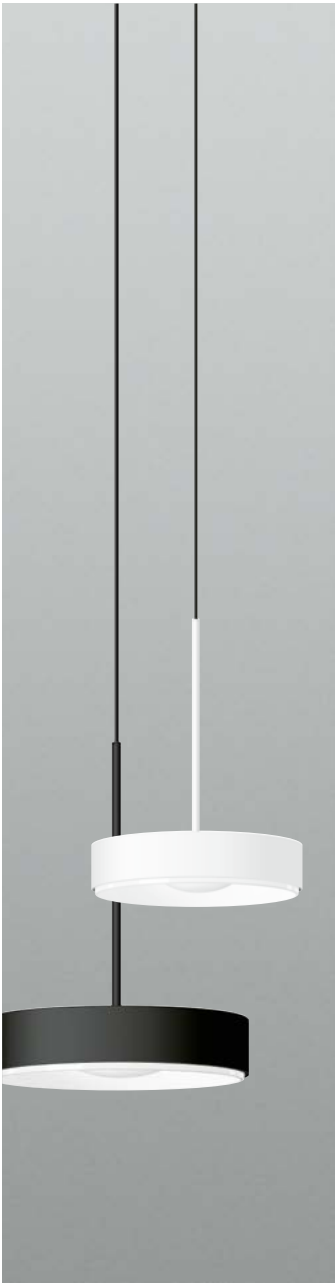
BEGA System pendant luminaires
Shielded light · Additional light emission upwards

Metal housing and pendulum tube available with a choice of 2 finishes, installation components with a choice of 2 finishes
Opal glass DUOLOGIC · Black cable pendant · Special lengths on request
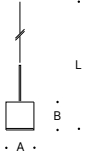on/off or DALI controllable power supply units · Colour rendering index (CRI) > 90
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

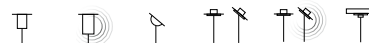You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and must be ordered together with the pendant luminaires.

Velvet White
Code number .1

Velvet Black
Code number .5

works with
BEGA Smart
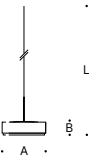
BEGA System pendant luminaires

Colour Velvet White

	LED		Controllable	A	B	L
50 970.1	7.3 W	485 lm	on/off	160	55	1500
50 971.1	16.0 W	1360 lm	DALI	210	55	2000
50 972.1	20.6 W	2035 lm	DALI	260	60	2000

Colour Velvet Black

	LED		Controllable	A	B	L
50 970.5	7.3 W	485 lm	on/off	160	55	1500
50 971.5	16.0 W	1360 lm	DALI	210	55	2000
50 972.5	20.6 W	2035 lm	DALI	260	60	2000

Installation components

Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
13 229	13 282	13 232	13 235	13 285	13 220
13 241	13 227	13 247	13 253	13 279	13 216
13 241	13 227	13 247	13 253	13 279	13 216

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
13 228	13 281	13 231	13 284	13 221	
13 240	13 267	13 246	13 252	13 273	13 215
13 240	13 267	13 246	13 252	13 273	13 215

● New in the range

PRIMA
BEGA System pendant luminaires
Shielded light

Metal housing available with a choice of 4 finishes, installation components available
with a choice of 2 finishes
Translucent white synthetic cover BEGA NeoGlass®
Cable pendant and pendulum tube black or white · Special lengths on request
DALI controllable power supply units
Colour rendering index (CRI) >90
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour temperature adjustable 3000K or 4000K

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and
must be ordered together with the pendant luminaires.

Metal housing colour

Velvet White
Code number .1

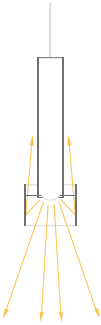**Velvet Black**
Code number .5

Velvet Blue
Code number .8

Velvet Green
Code number .7

works with
BEGA Smart
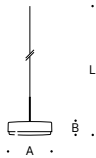
BEGA System pendant luminaires

Colour Velvet White · Cable pendant and pendulum tube colour white

	LED		Controllable	A	B	L
• 51 440.1	12.6 W	1750 lm	DALI	260	80	3000
• 51 441.1	21.6 W	3220 lm	DALI	360	80	3000

Colour Velvet Black · Cable pendant and pendulum tube colour black

	LED		Controllable	A	B	L
• 51 440.5	12.6 W	1600 lm	DALI	260	80	3000
• 51 441.5	21.6 W	2800 lm	DALI	360	80	3000

Colour Velvet Blue · Cable pendant and pendulum tube colour black

	LED		Controllable	A	B	L
• 51 440.8	12.6 W	1650 lm	DALI	260	80	3000
• 51 441.8	21.6 W	2900 lm	DALI	360	80	3000

Colour Velvet Green · Cable pendant and pendulum tube colour black

	LED		Controllable	A	B	L
• 51 440.7	12.6 W	1650 lm	DALI	260	80	3000
• 51 441.7	21.6 W	2900 lm	DALI	360	80	3000

Installation components

Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
• 13 346	13 282	13 350	13 352	13 285	13 356
13 238	13 266	13 244	13 250	13 272	13 218

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
• 13 347	13 281	13 351	13 353	13 284	13 357
13 237	13 265	13 243	13 249	13 271	13 219

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
• 13 347	13 281	13 351	13 353	13 284	13 357
13 237	13 265	13 243	13 249	13 271	13 219

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
• 13 347	13 281	13 351	13 353	13 284	13 357
13 237	13 265	13 243	13 249	13 271	13 219

Apart from the standard colours Velvet White and
Velvet Black, we are expanding our colour range
to include Velvet Green and Velvet Blue finishes.
The pendulum tube has the same colour as the
luminaire pendant.

Please refer to the technical planning data for planning and installation.
The current values for LED service life, luminous flux and maximum ambient temperature
are available at all times in the instructions for use and data sheets on our website.
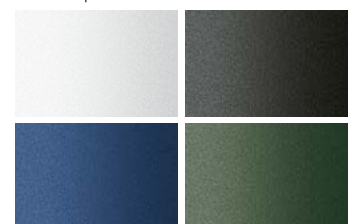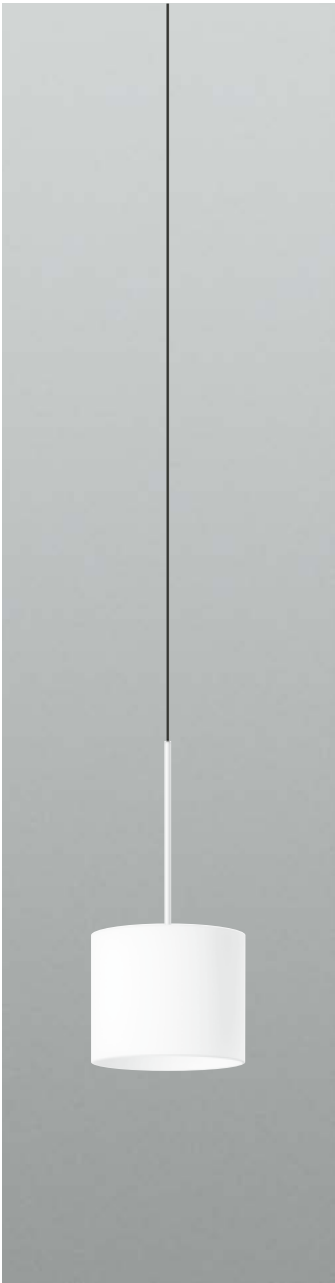
BEGA System pendant luminaires
Unshielded light

Metal fitting, pendulum tube and installation components · Colour white
Opal glass DUOLOGIC · Black cable pendant · Special lengths on request
on/off or DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and
must be ordered together with the pendant luminaires.

Velvet White

works with
BEGA Smart

BEGA System pendant luminaires
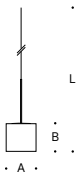
Installation components

Colour Velvet White

	LED		Controllable	A	B	L
50 973.1	7.3 W	545 lm	on/off	160	140	1500
50 974.1	16.0 W	1550 lm	DALI	180	155	2000
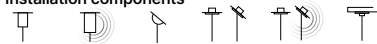
Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
13 229	**13 282**	**13 232**	**13 235**	**13 285**	**13 220**
13 241	**13 227**	**13 247**	**13 253**	**13 279**	**13 216**

BEGA System pendant luminaires
Unshielded light · Partially frosted glass cylinder

Partially lacquered crystal glass · Aluminium fitting available with a choice of 4 colours
Cable pendant colour black or white · Special cable pendant lengths on request
DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and must
be ordered together with the pendant luminaires.

Velvet White
Code number .1

Velvet Black
Code number .5

Velvet Brass
Code number .4

Velvet Copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires
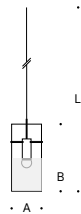
Installation components

Inner cylinder **colour Velvet White** · Cable suspension **white**

	LED		Controllable	A	B	L
• **51 459.1**	8.2 W	525 lm	DALI	110	245	3000

Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
13 238	**13 266**	**13 244**	**13 250**	**13 272**	**13 218**

Inner cylinder **colour Velvet Black** · Cable suspension **black**

	LED		Controllable	A	B	L
• **51 459.5**	8.2 W	525 lm	DALI	110	245	3000

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
13 237	**13 265**	**13 243**	**13 249**	**13 271**	**13 219**

Inner cylinder **colour Velvet Brass** · Cable suspension **black**

	LED		Controllable	A	B	L
• **51 459.4**	8.2 W	525 lm	DALI	110	245	3000

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
13 237	**13 265**	**13 243**	**13 249**	**13 271**	**13 219**

Inner cylinder **colour Velvet Copper** · Cable suspension **black**

	LED		Controllable	A	B	L
• **51 459.6**	8.2 W	525 lm	DALI	110	245	3000

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
13 237	**13 265**	**13 243**	**13 249**	**13 271**	**13 219**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux
and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

BEGA System pendant luminaires
Directed light

Metal housing and installation components available with a choice of 2 finishes
Mesh structure made of high-tech polymer
Reflector made of pure anodised aluminium · Satined synthetic cover
Metal trim ring, colour brass
Cable pendant in luminaire colour · Special lengths on request
DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and must be ordered together with the pendant luminaires.

Velvet White
Code number .1

Velvet Black
Code number .5

works with
BEGA Smart
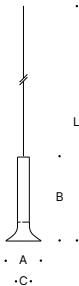
BEGA System pendant luminaires

Colour Velvet White

	LED		Controllable	A	B	C	L
• **51 493.1**	8.5 W	450 lm	DALI	115	235	40	2000
• **51 494.1**	14.5 W	1100 lm	DALI	145	295	50	2000

Colour Velvet Black

	LED		Controllable	A	B	C	L
• **51 493.5**	8.5 W	440 lm	DALI	115	235	40	2000
• **51 494.5**	14.5 W	1090 lm	DALI	145	295	50	2000

Installation components

Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
13 238	**13 266**	**13 244**	**13 250**	**13 272**	**13 218**
13 346	**13 282**	**13 350**	**13 352**	**13 285**	**13 356**

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
13 237	**13 265**	**13 243**	**13 249**	**13 271**	**13 219**
13 347	**13 281**	**13 351**	**13 353**	**13 284**	**13 357**

• New in the range   β = Half beam angle

BEGA System pendant luminaires · Downlights
Wide beam or very wide beam light distribution

Luminaire housing made of cast aluminium
Luminaire housing, pendulum tube and installation components available with a choice of 2 finishes
Cable pendant in luminaire colour · Special lengths on request
BEGA Hybrid Optics®
Reflector surface made of pure aluminium · Safety glass · Chrome trim ring
We can also deliver the chrome trim rings in the exterior colour on request.
on/off or DALI controllable power supply units · BEGA Thermal Management®
When used with canopy types AS, BS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and
must be ordered together with the pendant luminaires.

Velvet White
Code number .1

Velvet Black
Code number .5

works with
BEGA Smart

BEGA System pendant luminaires

Installation components

Colour Velvet White · Wide beam light distribution

	LED		Controllable	β	A	B	L
51 159.1	5.6 W	435 lm	on/off	27°	90	90	2000
51 162.1	13.7 W	1720 lm	on/off	39°	120	115	2000
51 164.1	19.2 W	2380 lm	DALI	31°	135	125	3000
51 166.1	27.0 W	3775 lm	DALI	29°	180	150	3000

Colour Velvet White

Type A	Type AS	Type B	Type BS	Type C	Type CS	Type D
13 229	**13 282**	**13 232**	—	**13 235**	**13 285**	**13 220**
13 245	—	**13 259**	—	**13 261**	—	**13 226**
13 255	**13 276**	**13 259**	**13 269**	**13 261**	**13 275**	**13 224**
13 257	**13 276**	**13 259**	**13 269**	**13 261**	**13 275**	**13 224**

Colour Velvet White · Very wide beam light distribution

	LED		Controllable	β	A	B	L
51 167.1	5.6 W	430 lm	on/off	54°	90	90	2000
51 171.1	13.7 W	1610 lm	on/off	78°	120	115	2000
51 173.1	19.2 W	2300 lm	DALI	62°	135	125	3000
51 175.1	27.0 W	3655 lm	DALI	58°	180	150	3000

Colour Velvet White

Type A	Type AS	Type B	Type BS	Type C	Type CS	Type D
13 229	**13 282**	**13 232**	—	**13 235**	**13 285**	**13 220**
13 245	—	**13 259**	—	**13 261**	—	**13 226**
13 255	**13 276**	**13 259**	**13 269**	**13 261**	**13 275**	**13 224**
13 257	**13 276**	**13 259**	**13 269**	**13 261**	**13 275**	**13 224**

Colour Velvet Black · Wide beam light distribution

	LED		Controllable	β	A	B	L
51 159.5	5.6 W	435 lm	on/off	27°	90	90	2000
51 162.5	13.7 W	1720 lm	on/off	39°	120	115	2000
51 164.5	19.2 W	2380 lm	DALI	31°	135	125	3000
51 166.5	27.0 W	3775 lm	DALI	29°	180	150	3000

Colour Velvet Black

Type A	Type AS	Type B	Type BS	Type C	Type CS	Type D
13 228	**13 281**	**13 231**	—	**13 234**	**13 284**	**13 221**
13 239	—	**13 258**	—	**13 260**	—	**13 217**
13 251	**13 270**	**13 258**	**13 268**	**13 260**	**13 274**	**13 225**
13 256	**13 270**	**13 258**	**13 268**	**13 260**	**13 274**	**13 225**

Colour Velvet Black · Very wide beam light distribution

	LED		Controllable	β	A	B	L
51 167.5	5.6 W	430 lm	on/off	54°	90	90	2000
51 171.5	13.7 W	1610 lm	on/off	78°	120	115	2000
51 173.5	19.2 W	2300 lm	DALI	62°	135	125	3000
51 175.5	27.0 W	3655 lm	DALI	58°	180	150	3000

Colour Velvet Black

Type A	Type AS	Type B	Type BS	Type C	Type CS	Type D
13 228	**13 281**	**13 231**	—	**13 234**	**13 284**	**13 221**
13 239	—	**13 258**	—	**13 260**	—	**13 217**
13 251	**13 270**	**13 258**	**13 268**	**13 260**	**13 274**	**13 225**
13 256	**13 270**	**13 258**	**13 268**	**13 260**	**13 274**	**13 225**

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous
flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available
in the instructions for use and data sheets on our website.

BEGA System pendant luminaires
Unshielded light · Optionally with an additional downward light emission

White, translucent synthetic cover
Metal ring available with a choice of 3 finishes
Colour Velvet Black and matt copper: Installation components Velvet Black and cable pendant in black
Colour matt brass: Installation components in Velvet White and cable pendant in white
Special cable pendant lengths on request
Downlight reflector surface made of pure aluminium
DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393. Installation components are accessories for BEGA System pendant luminaires and must be ordered together with the pendant luminaires.
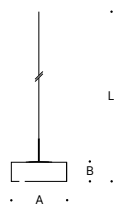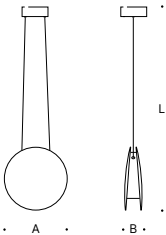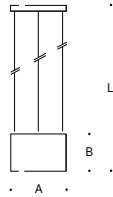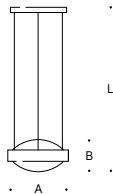
Colour
Velvet Black
Code number .5

Colour
Matt brass
Code number .4

Colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

	LED		Controllable	A	B	L
Metal ring colour Velvet Black						
51 207.5	22.3 W	2425 lm	DALI	250	170	2000
51 208.5	34.0 W	3930 lm	DALI	350	200	2000

	LED		Controllable	A	B	L
Metal ring colour matt brass						
51 207.4	22.3 W	2425 lm	DALI	250	170	2000
51 208.4	34.0 W	3930 lm	DALI	350	200	2000

	LED		Controllable	A	B	L
Metal ring colour matt copper						
51 207.6	22.3 W	2425 lm	DALI	250	170	2000
51 208.6	34.0 W	3930 lm	DALI	350	200	2000

	LED		Controllable	A	B	L
Metal ring colour Velvet Black · With built-in downlight						
51 209.5	26.9 W	2585 lm	DALI	250	170	2000
51 210.5	39.1 W	4045 lm	DALI	350	200	2000

	LED		Controllable	A	B	L
Metal ring colour matt brass · With built-in downlight						
51 209.4	26.9 W	2585 lm	DALI	250	170	2000
51 210.4	39.1 W	4045 lm	DALI	350	200	2000

	LED		Controllable	A	B	L
Metal ring colour matt copper · With built-in downlight						
51 209.6	26.9 W	2585 lm	DALI	250	170	2000
51 210.6	39.1 W	4045 lm	DALI	350	200	2000

Installation components

	Type A	Type AS	Type B	Type C	Type CS	Type D
Colour Velvet Black						
	13 240	13 267	13 246	13 252	13 273	13 215
	13 328	13 330	13 332	13 334	13 336	—

	Type A	Type AS	Type B	Type C	Type CS	Type D
Colour Velvet White						
	13 241	13 227	13 247	13 253	13 279	13 216
	13 327	13 329	13 331	13 333	13 335	—

	Type A	Type AS	Type B	Type C	Type CS	Type D
Colour Velvet Black						
	13 240	13 267	13 246	13 252	13 273	13 215
	13 328	13 330	13 332	13 334	13 336	—

	Type A	Type AS	Type B	Type C	Type CS	Type D
Colour Velvet Black						
	13 240	13 267	13 246	13 252	13 273	13 215
	13 328	13 330	13 332	13 334	13 336	—

	Type A	Type AS	Type B	Type C	Type CS	Type D
Colour Velvet White						
	13 241	13 227	13 247	13 253	13 279	13 216
	13 327	13 329	13 331	13 333	13 335	—

	Type A	Type AS	Type B	Type C	Type CS	Type D
Colour Velvet Black						
	13 240	13 267	13 246	13 252	13 273	13 215
	13 328	13 330	13 332	13 334	13 336	—

BEGA System pendant luminaires
Unshielded light

White, translucent synthetic cover
Interior surface available with a choice of 2 finishes
Colour matt brass: Installation components in Velvet White and cable pendant in white
Colour matt copper: Installation components Velvet Black and cable pendant in black
Special cable pendant lengths on request
on/off or DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and
must be ordered together with the pendant luminaires.

Colour
Matt brass
Code number .4

Colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

Colour matt brass

	LED		Controllable	A	B	L
51 282.4	9.5 W	1010 lm	on/off	200	105	2000
51 283.4	16.3 W	1865 lm	DALI	250	130	2000
51 284.4	26.4 W	3305 lm	DALI	350	195	2000

Colour matt copper

	LED		Controllable	A	B	L
51 282.6	9.5 W	1010 lm	on/off	200	105	2000
51 283.6	16.3 W	1865 lm	DALI	250	130	2000
51 284.6	26.4 W	3305 lm	DALI	350	195	2000

Installation components

Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
13 229	**13 282**	**13 232**	**13 235**	**13 285**	**13 220**
13 238	**13 266**	**13 244**	**13 250**	**13 272**	**13 218**
13 327	**13 329**	**13 331**	**13 333**	**13 335**	—

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
13 228	**13 281**	**13 231**	**13 234**	**13 284**	**13 221**
13 237	**13 265**	**13 243**	**13 249**	**13 271**	**13 219**
13 328	**13 330**	**13 332**	**13 334**	**13 336**	—
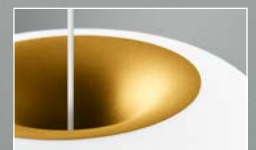
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

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STUDIO LINE
BEGA System pendant luminaires
Shielded light · Additional light emission upwards

Metal housing, pendulum tube and installation components Velvet White or Velvet Black
Translucent synthetic cover with optical texture · Interior colour available with a choice of 2 finishes
Cable pendant in luminaire colour · Special lengths on request
on/off or DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and
must be ordered together with the pendant luminaires.

Select your
desired interior
colour by
changing the
code number.

Interior colour
Matt brass
Code number .4

Interior colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

Colour Velvet White · Interior colour matt brass · Code number .4

	LED		Controllable	A	B	L
51 288.4	9.8 W	715 lm	on/off	165	120	1500
51 186.4	27.5 W	1970 lm	DALI	215	160	2000

Colour Velvet Black · Interior colour matt brass · Code number .4

	LED		Controllable	A	B	L
51 289.4	9.8 W	715 lm	on/off	165	120	1500
51 187.4	27.5 W	1970 lm	DALI	215	160	2000

Installation components

Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
13 229	13 282	13 232	13 235	13 285	13 220
13 241	13 227	13 247	13 253	13 279	13 216

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
13 228	13 281	13 231	13 234	13 284	13 221
13 240	13 267	13 246	13 252	13 273	13 215

STUDIO LINE
BEGA System pendant luminaires
Shielded light

Metal housing and installation components Velvet White or Velvet Black
Interior colour available with a choice of 3 finishes · Translucent white synthetic cover
Cable pendant in luminaire colour · Special lengths on request
on/off or DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and
must be ordered together with the pendant luminaires.

Select your
desired interior
colour by
changing the
code number.

Interior colour
Matt aluminium
Code number .2

Interior colour
Matt brass
Code number .4

Interior colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

Colour Velvet White · Interior colour matt aluminium · Code number .2

	LED module		Controllable	A	B	L
50 958.2	12.3 W	845 lm	on/off	145	165	1500
50 959.2	14.7 W	1085 lm	DALI	190	220	2000
50 960.2	20.7 W	1575 lm	DALI	255	290	3000

Colour Velvet Black · Interior colour matt aluminium · Code number .2

	LED module		Controllable	A	B	L
50 952.2	12.3 W	845 lm	on/off	145	165	1500
50 953.2	14.7 W	1085 lm	DALI	190	220	2000
50 954.2	20.7 W	1575 lm	DALI	255	290	3000

Installation components

Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
13 229	13 282	13 232	13 235	13 285	13 220
13 238	13 266	13 244	13 250	13 272	13 218
13 241	13 227	13 247	13 253	13 279	13 216

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
13 228	13 281	13 231	13 234	13 284	13 221
13 237	13 265	13 243	13 249	13 271	13 219
13 240	13 267	13 246	13 252	13 273	13 215

β = Half beam angle

STUDIO LINE
BEGA System pendant luminaires · Downlights
Shielded light

Metal housing, pendulum tube and installation components Velvet White or Velvet Black
Interior colour available with a choice of 3 finishes · Trim ring chrome
We can also deliver the chrome trim rings in the exterior colour on request.
Reflector made of pure anodised aluminium · BEGA Constant Optics® · Silicone diffusing lens
Cable pendant in luminaire colour · Special lengths on request
on/off or DALI controllable power supply units · BEGA Thermal Management®
When used with canopy types AS, BS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393. Installation components are accessories for BEGA System pendant luminaires and must be ordered together with the pendant luminaires.

Select your desired interior colour by changing the code number.

Interior colour
Matt aluminium
Code number .2

Interior colour
Matt brass
Code number .4

Interior colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

Colour Velvet White · Interior colour **matt aluminium** · Code number **.2**

	LED		Controllable	β	A	B	L
51 027.2	5.6 W	380 lm	on/off	22°	90	90	2000
50 990.2	9.2 W	915 lm	on/off	24°	120	115	2000
50 991.2	13.7 W	1215 lm	DALI	32°	135	125	3000
50 992.2	19.0 W	1860 lm	DALI	35°	180	150	3000

Colour Velvet Black · Interior colour **matt aluminium** · Code number **.2**

	LED		Controllable	β	A	B	L
51 026.2	5.6 W	380 lm	on/off	22°	90	90	2000
50 987.2	9.2 W	915 lm	on/off	24°	120	115	2000
50 988.2	13.7 W	1215 lm	DALI	32°	135	125	3000
50 989.2	19.0 W	1860 lm	DALI	35°	180	150	3000

Installation components

Colour Velvet White

Type A	Type AS	Type B	Type BS	Type C	Type CS	Type D
13 229	13 282	13 232	—	13 235	13 285	13 220
13 245	—	13 259	—	13 261	—	13 226
13 255	13 276	13 259	13 269	13 261	13 275	13 224
13 257	13 276	13 259	13 269	13 261	13 275	13 224

Colour Velvet Black

Type A	Type AS	Type B	Type BS	Type C	Type CS	Type D
13 228	13 281	13 221	—	13 234	13 284	13 221
13 239	—	13 258	—	13 260	—	13 217
13 251	13 270	13 258	13 268	13 260	13 274	13 225
13 256	13 270	13 258	13 268	13 260	13 274	13 225

STUDIO LINE
BEGA System pendant luminaires · Downlights
Shielded light

Metal housing, pendulum tube and installation components Velvet White or Velvet Black
Interior colour available with a choice of 3 finishes · Trim ring chrome
We can also deliver the chrome trim rings in the exterior colour on request.
Reflector made of pure anodised aluminium · BEGA Constant Optics® · Silicone diffusing lens
Cable pendant in luminaire colour · Special lengths on request
on/off or DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and must be ordered together with the pendant luminaires.

Select your desired interior colour by changing the code number.

Interior colour
Matt aluminium
Code number .2

Interior colour
Matt brass
Code number .4

Interior colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

Colour Velvet White · Interior colour **matt aluminium** · Code number **.2**

	LED		Controllable	β	A	B	L
51 010.2	14.0 W	1015 lm	on/off	26°	140	125	1500
51 011.2	19.8 W	1660 lm	DALI	32°	190	165	1500

Colour Velvet Black · Interior colour **matt aluminium** · Code number **.2**

	LED		Controllable	β	A	B	L
51 008.2	14.0 W	1015 lm	on/off	26°	140	125	1500
51 009.2	19.8 W	1660 lm	DALI	32°	190	165	1500

Installation components

Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
13 229	13 282	13 232	13 235	13 285	13 220
13 238	13 266	13 244	13 250	13 272	13 218

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
13 228	13 281	13 231	13 234	13 284	13 221
13 237	13 265	13 243	13 249	13 271	13 219

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

STUDIO LINE
BEGA System pendant luminaires
Shielded light · Additional light emission upwards

Metal housing and installation components Velvet White or Velvet Black
Interior colour available with a choice of 3 finishes · Silicone diffusing lens
Cable pendant in luminaire colour · Special lengths on request
DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and must be ordered together with the pendant luminaires.

Select your desired interior colour by changing the code number.

Interior colour
Matt aluminium
Code number .2

Interior colour
Matt brass
Code number .4

Interior colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

Colour Velvet White · Interior colour matt aluminium · Code number .2

	LED		Controllable	A	B	L
50 981.2	18.2 W	895 lm	DALI	100	330	2000
50 982.2	28.8 W	1810 lm	DALI	140	450	2000

Colour Velvet Black · Interior colour matt aluminium · Code number .2

	LED		Controllable	A	B	L
50 979.2	18.2 W	895 lm	DALI	100	330	2000
50 980.2	28.8 W	1810 lm	DALI	140	450	2000

Installation components

Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
13 238	**13 266**	**13 244**	**13 250**	**13 272**	**13 218**
13 241	**13 227**	**13 247**	**13 253**	**13 279**	**13 216**

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
13 237	**13 265**	**13 243**	**13 249**	**13 271**	**13 219**
13 240	**13 267**	**13 246**	**13 252**	**13 273**	**13 215**

● New in the range

STUDIO LINE
BEGA System pendant luminaires
Shielded light

Metal housing and installation components Velvet White or Velvet Black
Interior colour available with a choice of 3 finishes · Satined synthetic cover
Reflector made of pure anodised aluminium
Cable pendant in luminaire colour · Special lengths on request
DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and
must be ordered together with the pendant luminaires.

Select your
desired interior
colour by
changing the
code number.

Interior colour
Matt aluminium
Code number .2

Interior colour
Matt brass
Code number .4

Interior colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

Colour Velvet White · Interior colour matt aluminium · Code number .2

	LED		Controllable	A	B	L
• 51 426.2	14.5 W	945 lm	DALI	80	190	1500
• 51 427.2	19.8 W	1475 lm	DALI	100	250	1700

Colour Velvet Black · Interior colour matt aluminium · Code number .2

	LED		Controllable	A	B	L
• 51 428.2	14.5 W	945 lm	DALI	80	190	1500
• 51 429.2	19.8 W	1475 lm	DALI	100	250	1700

Installation components
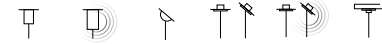
Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
• 13 346	13 282	13 350	13 352	13 285	13 356
13 238	13 266	13 244	13 250	13 272	13 218

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
• 13 347	13 281	13 351	13 353	13 284	13 357
13 237	13 265	13 243	13 249	13 271	13 219

STUDIO LINE
BEGA System pendant luminaires
Shielded light

Metal housing and installation components Velvet White or Velvet Black
Interior colour available with a choice of 3 finishes · Satined synthetic cover
Reflector made of pure anodised aluminium
Cable pendant in luminaire colour · Special lengths on request
DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and
must be ordered together with the pendant luminaires.

Select your
desired interior
colour by
changing the
code number.

Interior colour
Matt aluminium
Code number .2

Interior colour
Matt brass
Code number .4

Interior colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

Colour Velvet White · Interior colour matt aluminium · Code number .2

	LED		Controllable	A	B	L
• 51 430.2	14.5 W	960 lm	DALI	50	400	2000
• 51 431.2	19.8 W	1525 lm	DALI	60	500	2000

Colour Velvet Black · Interior colour matt aluminium · Code number .2

	LED		Controllable	A	B	L
• 51 432.2	14.5 W	960 lm	DALI	50	400	2000
• 51 433.2	19.8 W	1525 lm	DALI	60	500	2000

Installation components

Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
• 13 346	13 282	13 350	13 352	13 285	13 356
13 238	13 266	13 244	13 250	13 272	13 218

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
• 13 347	13 281	13 351	13 353	13 284	13 357
13 237	13 265	13 243	13 249	13 271	13 219

Please refer to the technical planning data for planning and installation.
The current values for LED service life, luminous flux and maximum ambient temperature
are available at all times in the instructions for use and data sheets on our website.

STUDIO LINE
BEGA System pendant luminaires
Shielded light · Additional light emission upwards

Metal housing and installation components Velvet White or Velvet Black
Interior colour available with a choice of 2 finishes · Silicone diffusing lens
Inner reflector made of synthetic material
Cable pendant in luminaire colour · Special lengths on request
DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and must be ordered together with the pendant luminaires.

Select your desired interior colour by changing the code number.

Interior colour
Matt brass
Code number .4

Interior colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

Colour Velvet White · Interior colour matt brass · Code number .4

	LED		Controllable	A	B	L
51 277.4	18.0 W	965 lm	DALI	190	220	2000
51 228.4	28.4 W	1695 lm	DALI	230	250	2000
51 290.4	40.0 W	2530 lm	DALI	270	280	2000

Colour Velvet Black · Interior colour matt brass · Code number .4

	LED		Controllable	A	B	L
51 229.4	18.0 W	965 lm	DALI	190	220	2000
51 230.4	28.4 W	1695 lm	DALI	230	250	2000
51 291.4	40.0 W	2530 lm	DALI	270	280	2000

Installation components

Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
13 238	**13 266**	**13 244**	**13 250**	**13 272**	**13 218**
13 241	**13 227**	**13 247**	**13 253**	**13 279**	**13 216**
13 327	**13 329**	**13 331**	**13 333**	**13 335**	—

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
13 237	**13 265**	**13 243**	**13 249**	**13 271**	**13 219**
13 240	**13 267**	**13 249**	**13 252**	**13 273**	**13 215**
13 328	**13 330**	**13 332**	**13 334**	**13 336**	—

STUDIO LINE
BEGA System pendant luminaires
Shielded light · Additional light emission upwards

Metal housing and installation components Velvet White or Velvet Black
Interior colour available with a choice of 2 finishes · Silicone diffusing lens
Cable pendant in luminaire colour · Special lengths on request
DALI controllable power supply units
When used with canopy types AS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and must be ordered together with the pendant luminaires.

Select your desired interior colour by changing the code number.

Interior colour
Matt brass
Code number .4

Interior colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

Colour Velvet White · Interior colour matt brass · Code number .4

	LED		Controllable	A	B	L
51 224.4	18.0 W	585 lm	DALI	160	330	2050
51 225.4	28.4 W	1045 lm	DALI	195	375	2050
51 292.4	40.0 W	1740 lm	DALI	240	420	2050

Colour Velvet Black · Interior colour matt brass · Code number .4

	LED		Controllable	A	B	L
51 226.4	18.0 W	585 lm	DALI	160	330	2050
51 227.4	28.4 W	1045 lm	DALI	195	375	2050
51 293.4	40.0 W	1740 lm	DALI	240	420	2050

Installation components

Colour Velvet White

Type A	Type AS	Type B	Type C	Type CS	Type D
13 238	**13 266**	**13 244**	**13 250**	**13 272**	**13 218**
13 241	**13 227**	**13 247**	**13 253**	**13 279**	**13 216**
13 327	**13 329**	**13 331**	**13 333**	**13 335**	—

Colour Velvet Black

Type A	Type AS	Type B	Type C	Type CS	Type D
13 227	**13 265**	**13 243**	**13 249**	**13 271**	**13 219**
13 240	**13 267**	**13 246**	**13 252**	**13 273**	**13 215**
13 328	**13 330**	**13 332**	**13 334**	**13 336**	—

STUDIO LINE
BEGA System pendant luminaires
Shielded light

Metal housing and installation components Velvet White or Velvet Black
Interior colour available with a choice of 4 finishes · Translucent white synthetic cover
Cable pendant in luminaire colour · Special lengths on request
on/off or DALI controllable power supply units · BEGA Thermal Management®
When used with canopy types AS, BS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and
must be ordered together with the pendant luminaires.

Select your desired
interior colour by changing
the code number.

Interior colour
White
Code number .1

Interior colour
Matt brass
Code number .4

Interior colour
Matt aluminium
Code number .2

Interior colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

Installation components

Colour Velvet White · Interior colour **white** · Code number **.1**

	LED		Controllable	A	B	L
50 996.1	15.5 W	1185 lm	on/off	350	175	2000
50 997.1	29.5 W	2735 lm	DALI	450	225	2000
50 998.1	47.4 W	4220 lm	DALI	600	300	2000

Colour Velvet White

Type A	Type AS	Type B	Type BS	Type C	Type CS	Type D
13 245	—	**13 259**	—	**13 261**	—	**13 226**
13 255	**13 276**	**13 259**	**13 269**	**13 261**	**13 275**	**13 224**
13 257	**13 276**	**13 259**	**13 269**	**13 261**	**13 275**	—

Colour Velvet Black · Interior colour **white** · Code number **.1**

	LED		Controllable	A	B	L
50 993.1	15.5 W	1185 lm	on/off	350	175	2000
50 994.1	29.5 W	2735 lm	DALI	450	225	2000
50 995.1	47.4 W	4220 lm	DALI	600	300	2000

Colour Velvet Black

Type A	Type AS	Type B	Type BS	Type C	Type CS	Type D
13 239	—	**13 258**	—	**13 260**	—	**13 217**
13 251	**13 270**	**13 258**	**13 268**	**13 260**	**13 274**	**13 225**
13 256	**13 270**	**13 258**	**13 268**	**13 260**	**13 274**	—

STUDIO LINE
BEGA System pendant luminaires
Shielded light

Metal housing and installation components Velvet White or Velvet Black
Interior colour available with a choice of 4 finishes · Translucent white synthetic cover
Cable pendant in luminaire colour · Special lengths on request
on/off or DALI controllable power supply units · BEGA Thermal Management®
When used with canopy types AS, BS and CS, the luminaires are also controllable using BEGA Smart.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

You can find an overview of the various installation components on Pages 392–393.
Installation components are accessories for BEGA System pendant luminaires and
must be ordered together with the pendant luminaires.

Select your desired
interior colour by changing
the code number.

Interior colour
White
Code number .1

Interior colour
Matt brass
Code number .4

Interior colour
Matt aluminium
Code number .2

Interior colour
Matt copper
Code number .6

works with
BEGA Smart

BEGA System pendant luminaires

Installation components

Colour Velvet White · Interior colour **white** · Code number **.1**

	LED		Controllable	A	B	L
51 004.1	15.5 W	1145 lm	on/off	260	105	1750
51 005.1	29.5 W	2740 lm	DALI	360	120	2000
51 006.1	47.4 W	4000 lm	DALI	430	145	2000

Colour Velvet White

Type A	Type AS	Type B	Type BS	Type C	Type CS	Type D
13 245	—	**13 259**	—	**13 261**	—	**13 226**
13 255	**13 276**	**13 259**	**13 269**	**13 261**	**13 275**	**13 224**
13 257	**13 276**	**13 259**	**13 269**	**13 261**	**13 275**	—

Colour Velvet Black · Interior colour **white** · Code number **.1**

	LED-Modul		Controllable	A	B	L
50 999.1	15,5 W	1145 lm	on/off	260	105	1750
51 001.1	29,5 W	2740 lm	DALI	360	120	2000
51 002.1	47,4 W	4000 lm	DALI	430	145	2000

Colour Velvet Black

Type A	Type AS	Type B	Type BS	Type C	Type CS	Type D
13 239	—	**13 258**	—	**13 260**	—	**13 217**
13 251	**13 270**	**13 258**	**13 268**	**13 260**	**13 274**	**13 225**
13 256	**13 270**	**13 258**	**13 268**	**13 260**	**13 274**	—

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,
maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the
instructions for use and data sheets on our website.

STUDIO LINE
Pendant luminaires
with 360° radial light emission

Metal housing with exterior colour Velvet White or Velvet Black
Translucent white synthetic cover · Interior colour available with a choice of 2 finishes
Canopy and cable pendant in luminaire colour · Special lengths on request
DALI controllable

The luminaire position can be adjusted via a fine adjustment in the canopy.

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Canopy and
cable pendant in
luminaire colour

Interior colour **matt brass**							
Velvet White	Velvet Black	LED		Controllable	A	B	L
51 024.4	**51 022.4**	16.3 W	545 lm	DALI	280	80	1500
50 914.4	**50 915.4**	32.6 W	1125 lm	DALI	400	115	2000

Interior colour **matt copper**							
Velvet White	Velvet Black	LED		Controllable	A	B	L
51 024.6	**51 022.6**	16.3 W	460 lm	DALI	280	80	1500
50 914.6	**50 915.6**	32.6 W	910 lm	DALI	400	115	2000

STUDIO LINE
Pendant luminaires
Shielded light · Light emission on two sides

Metal housing with exterior colour Velvet White or Velvet Black
Interior colour available with a choice of 2 finishes
Translucent white synthetic cover
Canopy and cable pendant in luminaire colour
3 steel wires · Special lengths on request
DALI controllable power supply units · BEGA Thermal Management ®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Canopy and cable pendant
in luminaire colour

Interior colour matt brass

Velvet White	Velvet Black	LED		Controllable	A	B	L
50 781.4	**50 739.4**	26.7 W	1860 lm	DALI	300	200	1950
50 782.4	**50 740.4**	59.0 W	5285 lm	DALI	400	215	2950
50 783.4	**50 741.4**	94.8 W	6495 lm	DALI	470	230	3950

Interior colour matt copper

Velvet White	Velvet Black	LED		Controllable	A	B	L
50 781.6	**50 739.6**	26.7 W	1830 lm	DALI	300	200	1950
50 782.6	**50 740.6**	59.0 W	5220 lm	DALI	400	215	2950
50 783.6	**50 741.6**	94.8 W	6350 lm	DALI	470	230	3950

STUDIO LINE
Pendant luminaires
Unshielded light

White, translucent synthetic cover
Metal housing with exterior colour Velvet White or Velvet Black
Interior colour available with a choice of 3 finishes
Canopy and cable pendant in luminaire colour
3 steel wires · Special lengths on request
DALI controllable power supply units · BEGA Thermal Management ®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Canopy and cable pendant
in luminaire colour

Interior colour matt aluminium

Velvet White	Velvet Black	LED		Controllable	A	B	L
50 787.2	**50 784.2**	26.7 W	2165 lm	DALI	300	190	1950
50 788.2	**50 785.2**	59.0 W	5980 lm	DALI	400	205	2950
50 789.2	**50 786.2**	94.8 W	7700 lm	DALI	470	240	3950

Interior colour matt brass

Velvet White	Velvet Black	LED		Controllable	A	B	L
50 787.4	**50 784.4**	26.7 W	2145 lm	DALI	300	190	1950
50 788.4	**50 785.4**	59.0 W	5935 lm	DALI	400	205	2950
50 789.4	**50 786.4**	94.8 W	7630 lm	DALI	470	240	3950

Interior colour matt copper

Velvet White	Velvet Black	LED		Controllable	A	B	L
50 787.6	**50 784.6**	26.7 W	2135 lm	DALI	300	190	1950
50 788.6	**50 785.6**	59.0 W	5915 lm	DALI	400	205	2950
50 789.6	**50 786.6**	94.8 W	7610 lm	DALI	470	240	3950

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management ® are readily available in the instructions for use and data sheets on our website.
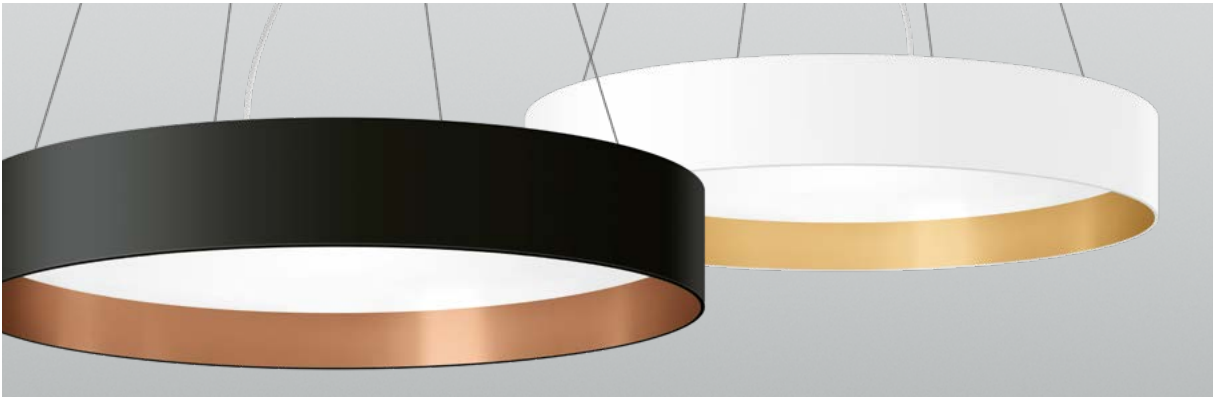
STUDIO LINE
Large-area pendant luminaires
Shielded light

Metal housing and canopy colour Velvet White or Velvet Black
Interior colour available with a choice of 4 finishes · Translucent white synthetic cover
4 steel wires · Transparent cable pendant · Special lengths on request
DALI controllable power supply units · BEGA Thermal Management ®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Canopy in luminaire colour
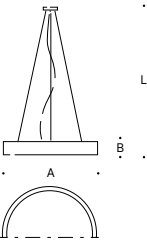
Interior colour **Velvet White**									
Velvet White	Velvet Black	LED			Controllable	A	B	L	
50 366.1	**50 274.1**	100.0 W	10 800 lm		DALI	1050	200	4000	
50 367.1	**50 275.1**	134.0 W	15 550 lm		DALI	1350	200	4000	

Interior colour **matt aluminium**									
Velvet White	Velvet Black	LED			Controllable	A	B	L	
50 366.2	**50 274.2**	100.0 W	10 990 lm		DALI	1050	200	4000	
50 367.2	**50 275.2**	134.0 W	16 200 lm		DALI	1350	200	4000	

Interior colour **Velvet Brass**									
Velvet White	Velvet Black	LED			Controllable	A	B	L	
50 366.4	**50 274.4**	100.0 W	10 770 lm		DALI	1050	200	4000	
50 367.4	**50 275.4**	134.0 W	15 885 lm		DALI	1350	200	4000	

Interior colour **Velvet Copper**									
Velvet White	Velvet Black	LED			Controllable	A	B	L	
50 366.6	**50 274.6**	100.0 W	10 470 lm		DALI	1050	200	4000	
50 367.6	**50 275.6**	134.0 W	15 250 lm		DALI	1350	200	4000	

MAXIMA
Large-area pendant luminaires

Translucent white synthetic cover · Metal fitting and canopy, colour white
4 steel wires · Transparent cable pendant · Special lengths on request
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
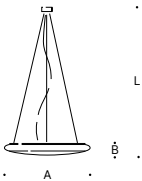
	LED		Controllable	A	B	L	
50 103	100.0 W	12 595 lm	DALI	1000	150	4000	
50 104	134.0 W	17 295 lm	DALI	1300	160	4000	

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

LINEARA
Pendant luminaires
Lengths 1000 · 2000 · 3000 mm

White, translucent synthetic cover
Metal fitting and canopy available with a choice of 2 finishes
2 steel wires · Special lengths on request
Colour white: White cable pendant
Matt aluminium: Cable pendant colour black
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
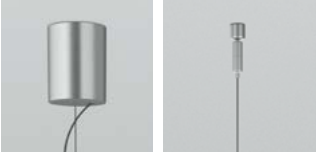
Canopy in luminaire colour

Colour white · Cable pendant **colour white**						
	LED		Controllable	A	B	L
50 400.1	73.0 W	8110 lm	DALI	1000	80	2000
50 401.1	147.0 W	16 220 lm	DALI	2000	80	2000
50 402.1	218.0 W	23 820 lm	DALI	3000	80	2000

Aluminium matt · Cable pendant **colour black**						
	LED		Controllable	A	B	L
50 400.2	73.0 W	8110 lm	DALI	1000	80	2000
50 401.2	147.0 W	16 220 lm	DALI	2000	80	2000
50 402.2	218.0 W	23 820 lm	DALI	3000	80	2000

Pendant luminaires
Shielded light · Light emission on two sides

Metal housing available with a choice of 3 finishes
Silicone light diffuser
Colour Velvet White and matt brass: White cable pendant
Colour Velvet Black: Cable pendant colour black
Customized lengths for cable pendant and profile on request
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

A silicone diffuser distributes the light upward and downward.
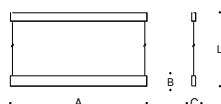
Colour Velvet White

	LED		Controllable	A	B	C	L
51 264.1	31.0 W	1930 lm	DALI	770	60	25	2000
51 265.1	48.5 W	2840 lm	DALI	1170	60	25	2000
51 266.1	77.0 W	5060 lm	DALI	1870	60	25	2000

Colour Velvet Black

	LED		Controllable	A	B	C	L
51 264.5	31.0 W	895 lm	DALI	770	60	25	2000
51 265.5	48.5 W	1380 lm	DALI	1170	60	25	2000
51 266.5	77.0 W	2325 lm	DALI	1870	60	25	2000

Colour Velvet Brass

	LED		Controllable	A	B	C	L
51 264.4	31.0 W	1120 lm	DALI	770	60	25	2000
51 265.4	48.5 W	1830 lm	DALI	1170	60	25	2000
51 266.4	77.0 W	3090 lm	DALI	1870	60	25	2000
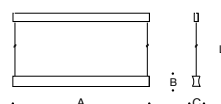
Colour Velvet White

	LED		Controllable	A	B	C	L
51 267.1	31.0 W	2750 lm	DALI	770	60	45	2000
51 268.1	48.5 W	4255 lm	DALI	1170	60	45	2000
51 269.1	77.0 W	6305 lm	DALI	1870	60	45	2000

Colour Velvet Black

	LED		Controllable	A	B	C	L
51 267.5	31.0 W	1500 lm	DALI	770	60	45	2000
51 268.5	48.5 W	2260 lm	DALI	1170	60	45	2000
51 269.5	77.0 W	3715 lm	DALI	1870	60	45	2000

Colour Velvet Brass

	LED		Controllable	A	B	C	L
51 267.4	31.0 W	1865 lm	DALI	770	60	45	2000
51 268.4	48.5 W	3000 lm	DALI	1170	60	45	2000
51 269.4	77.0 W	4770 lm	DALI	1870	60	45	2000

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.
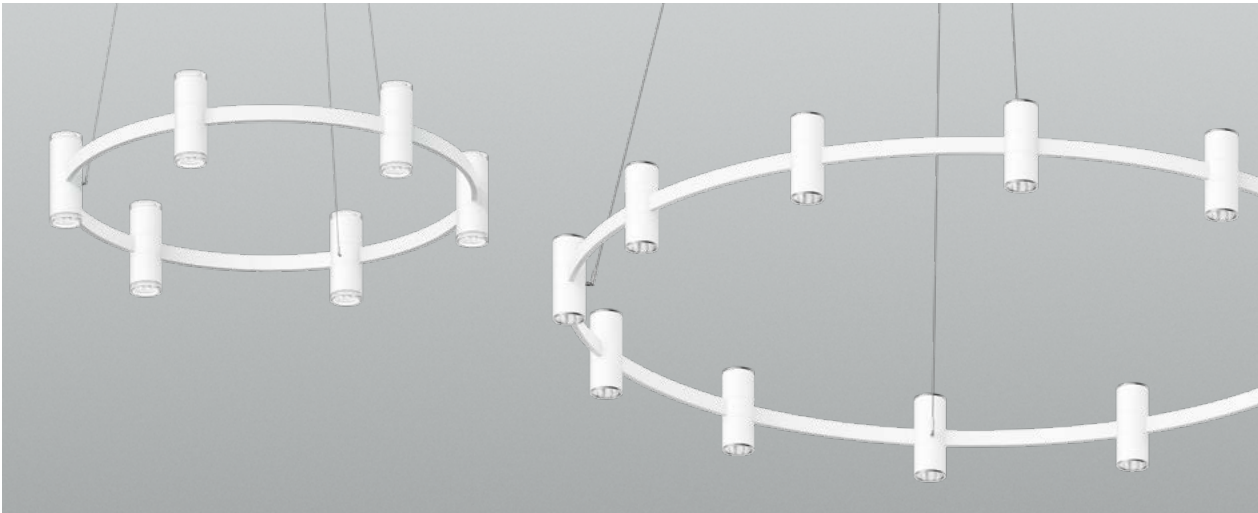
Chandeliers · Pendant luminaires for large rooms
Light emission on two sides with various light distributions

Chandelier and canopy made of aluminium · Luminaire body made of cast aluminium
Colour Velvet White · Cable pendant colour white
Steel suspension wire · Special lengths on request
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules

We can also supply these luminaires with a combination of various chandelier diameters
as custom-made products.
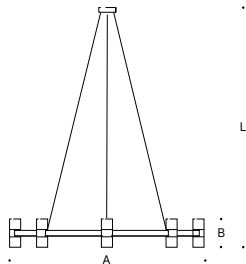
Chandeliers with three-ply opal glass

The light is distributed evenly and softly upwards and downwards in the room. The frosted,
hand-blown luminaire glass with long cylindrical luminaire bodies provides a pleasant,
uniform brightness and a light ambiance that is reminiscent of festively illuminated rooms.

Opal glass · Reflector made of pure anodised aluminium · BEGA Constant Optics®

	LED		Controllable	Cylinder	A	B	L
50 880.1	120.0 W	9540 lm	DALI	6 × Ø 120	1550	645	4000
50 881.1	160.0 W	12 720 lm	DALI	8 × Ø 120	2000	645	4000
50 882.1	240.0 W	19 080 lm	DALI	12 × Ø 120	3000	645	6000

Chandeliers with partially frosted, thick-walled crystal glass

Built-in reflectors deflect the light upwards and downwards into the room in a very wide beam.
The handcrafted crystal glass is a key component of the luminaire's festive appearance and
creates a brilliant, multi-faceted play of light.

Crystal glass · Reflector made of pure anodised aluminium · BEGA Constant Optics®

	LED		Controllable	Cylinder	A	B	L
50 883.1	120.0 W	10 280 lm	DALI	6 × Ø 120	1550	345	4000
50 884.1	160.0 W	13 700 lm	DALI	8 × Ø 120	2000	345	4000
50 885.1	240.0 W	20 555 lm	DALI	12 × Ø 120	3000	345	6000

Chandeliers with BEGA Hybrid Optics®

Downlights with very wide beam light distribution. These optics take advantage of the benefits
of lens and reflector technology.
The result is highly efficient, low-loss optical systems with optimum glare suppression and very
compact dimensions. Chandeliers with this lighting technology stand out due to their very high
luminous efficiency and the excellent quality of their lighting.

Safety glass · Reflector surface made of pure aluminium · BEGA Hybrid Optics®

	LED		Controllable	β	Cylinder	A	B	L
50 841.1	120.0 W	12 840 lm	DALI	74°	6 × Ø 120	1550	310	4000
50 842.1	160.0 W	17 120 lm	DALI	74°	8 × Ø 120	2000	310	4000
50 843.1	240.0 W	25 680 lm	DALI	74°	12 × Ø 120	3000	310	6000

STUDIO LINE
Chandeliers · Pendant luminaires for large rooms
Light emission on one side, with wide beam downward light distribution
and light emission on two sides with wide beam light distribution

Chandelier and canopy made of aluminium · Luminaire body made of cast aluminium
Exterior colour Velvet White or Velvet Black · Chrome trim ring
We can also deliver the chrome trim rings in the exterior colour on request
Interior colour available with a choice of 3 finishes
Reflector made of pure anodised aluminium · BEGA Constant Optics® · Silicone diffusing lens
Cylinder luminaires: Safety glass
Canopy and cable pendant in luminaire colour
Steel suspension wire · Special lengths on request
We can also supply these luminaires with a combination of various chandelier diameters
as custom-made products.
DALI controllable power supply units · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Chandeliers · Spherical luminaires with light emission on one side, directed downwards

Interior colour **matt aluminium**

Velvet White	Velvet Black	LED		Controllable	Sphere	A	B	L	
51 200.2	**51 201.2**	230 W	19 560 lm	DALI	12 × Ø 190	2000	163	4000	

Interior colour **matt brass**

Velvet White	Velvet Black	LED		Controllable	Sphere	A	B	L	
51 200.4	**51 201.4**	230 W	18 420 lm	DALI	12 × Ø 190	2000	163	4000	

Interior colour **matt copper**

Velvet White	Velvet Black	LED		Controllable	Sphere	A	B	L	
51 200.6	**51 201.6**	230 W	17 880 lm	DALI	12 × Ø 190	2000	163	4000	

Chandeliers · Cylinder luminaires with light emission on two sides

Interior colour **matt aluminium**

Velvet White	Velvet Black	LED		Controllable	Cylinder	A	B	L	
50 886.2	**50 889.2**	120 W	10 980 lm	DALI	6 × Ø 120	1550	310	4000	
50 887.2	**50 890.2**	160 W	14 640 lm	DALI	8 × Ø 120	2000	310	4000	
50 888.2	**50 891.2**	240 W	21 960 lm	DALI	12 × Ø 120	3000	310	6000	

Interior colour **matt brass**

Velvet White	Velvet Black	LED		Controllable	Cylinder	A	B	L	
50 886.4	**50 889.4**	120 W	10 330 lm	DALI	6 × Ø 120	1550	310	4000	
50 887.4	**50 890.4**	160 W	13 775 lm	DALI	8 × Ø 120	2000	310	4000	
50 888.4	**50 891.4**	240 W	20 665 lm	DALI	12 × Ø 120	3000	310	6000	

Interior colour **matt copper**

Velvet White	Velvet Black	LED		Controllable	Cylinder	A	B	L	
50 886.6	**50 889.6**	120 W	9 685 lm	DALI	6 × Ø 120	1550	310	4000	
50 887.6	**50 890.6**	160 W	12 910 lm	DALI	8 × Ø 120	2000	310	4000	
50 888.6	**50 891.6**	240 W	19 365 lm	DALI	12 × Ø 120	3000	310	6000	

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

Table lamp
Infinitely adjustable light

Metal housing and shield stainless steel finish · Three-ply opal glass
2 m black connecting cable · Built-in power switch
on/off power supply unit · BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

20-year availability guarantee for replacement parts and LED modules
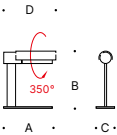
	LED		Controllable	A	B	C	D
50 961.2	8.2 W	420 lm	on/off	285	330	120	320

Table lamps and floor lamps
Unshielded light

Fitting made of stainless steel · Opal glass · 2 m connecting cable black
Table lamp in-line cord switch
Floor lamp with foot dimmer

Luminaires with LED module:
Colour rendering index (CRI) > 90
Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**

We supply the E 27 socket luminaires complete with corresponding LED lamps.
Colour rendering index (CRI) > 80
Colour temperature: 2700 K – article number + **K27** or 3000 K – article number + **K3**
Technical data for BEGA LED lamps can be found on Page 435.

20-year availability guarantee for replacement parts and LED modules
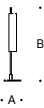
Table lamps

	LED		Controllable	A	B
51 300.2	9.5 W	960 lm	Dimmable	175	720
	LED lamp		Socket		
67 480.2	1 × 7 W	630 lm	E 27	175	720
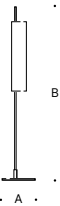
Floor lamps

	LED		Controllable	A	B
51 301.2	22 W	2275 lm	Dimmable	300	1720
	LED lamp		Socket		
67 481.2	1 × 12 W	1120 lm	E 27	300	1720

• New in the range
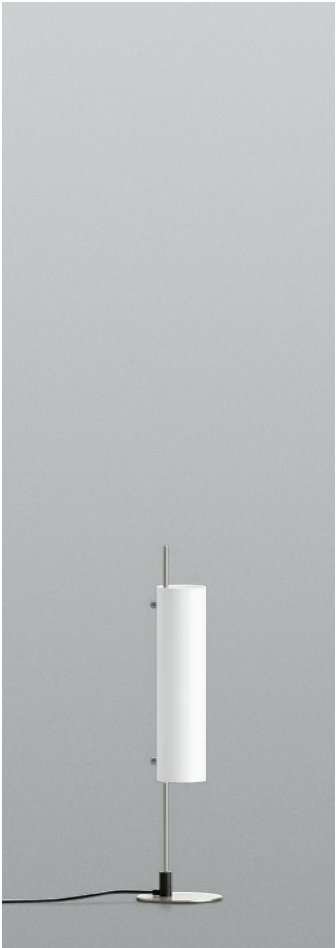
Table lamps
Unshielded light

Luminaire housing made of cast aluminium · Trim cone available in 3 colours
White, translucent synthetic cover
2 m black connecting cable
with mains plug or type F/E plug-in power supply unit and touch dimmer
Dimmable or BEGA Smart controllable power supply units

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

works with
BEGA Smart

Velvet Black
Code number .5

Velvet Blue
Code number .8

Velvet Green
Code number .7

Colour Velvet Black	Colour Velvet Blue	Colour Velvet Green	LED		Controllable	A	B
● 51 436.5	● 51 436.8	● 51 436.7	7.2 W	750 lm	BEGA Smart	200	290
● 51 444.5	● 51 444.8	● 51 444.7	7.5 W	750 lm	Touch-controlled dimmer	200	290
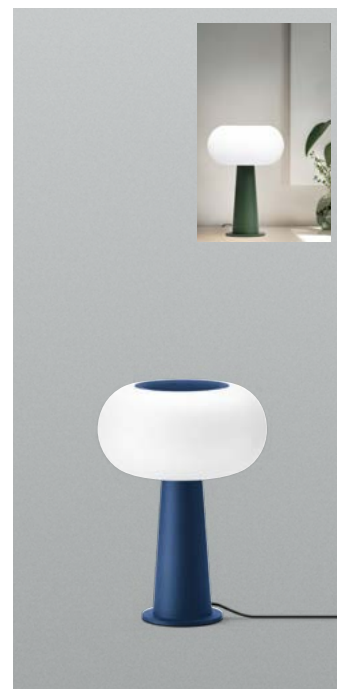
STUDIO LINE
Table lamps
Adjustable light · Wide beam light distribution

Metal housing with outside colour Velvet White or Velvet Black
Chrome trim ring · Inside colour available with a choice of 3 finishes
Reflector made of pure anodised aluminium · Silicone diffusing lens
Safety glass · BEGA Constant Optics®
2.5 m white connecting cable · Cord dimmer

The wood bases in a choice of 3 colours must be ordered separately:
Natural oak
Ash wood with black varnish
Ash wood with white varnish

BEGA Thermal Management®

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules

Inside colour
Matt aluminium
Code number .2

Inside colour
Matt brass
Code number .4

Inside colour
Matt copper
Code number .6

Interior colour **matt aluminium**							Wooden base		
Velvet White	Velvet Black	LED		Controllable	A	B	Natural	Black	White
51 149.2	**51 150.2**	10.0 W	755 lm	Dimmable	140	150	**13 318**	**13 319**	**13 320**
50 917.2	**50 916.2**	13.5 W	1070 lm	Dimmable	190	200	**13 209**	**13 208**	**13 277**

Interior colour **matt brass**							Wooden base		
Velvet White	Velvet Black	LED		Controllable	A	B	Natural	Black	White
51 149.4	**51 150.4**	10.0 W	715 lm	Dimmable	140	150	**13 318**	**13 319**	**13 320**
50 917.4	**50 916.4**	13.5 W	1035 lm	Dimmable	190	200	**13 209**	**13 208**	**13 277**

Interior colour **matt copper**							Wooden base		
Velvet White	Velvet Black	LED		Controllable	A	B	Natural	Black	White
51 149.6	**51 150.6**	10.0 W	665 lm	Dimmable	140	150	**13 318**	**13 319**	**13 320**
50 917.6	**50 916.6**	13.5 W	1030 lm	Dimmable	190	200	**13 209**	**13 208**	**13 277**
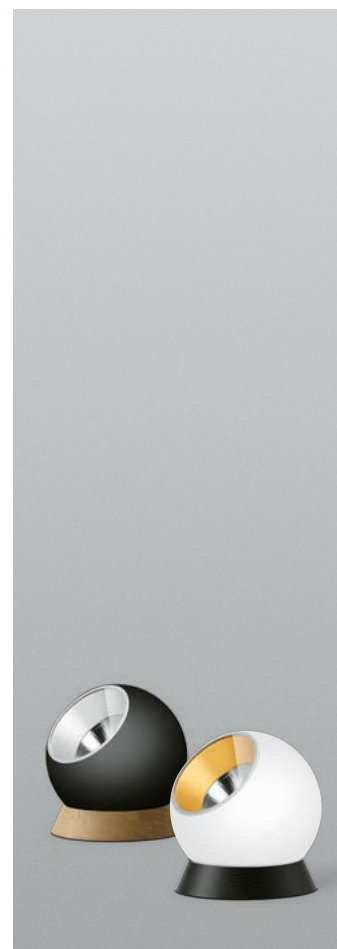
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information about the use of BEGA Thermal Management® are readily available in the instructions for use and data sheets on our website.

STUDIO LINE
Floor lamps
Two-sided light emission

Metal housing, exterior colour Velvet Black
Inside colour available with a choice of 2 finishes
White, translucent synthetic cover BEGA NeoGlass®
2 m black connecting cable
Touch-controlled dimmer

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
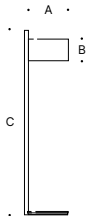
Interior colour **matt brass**						
Velvet Black	LED		Controllable	A	B	C
50 752.4	26.5 W	2310 lm	Dimmable	300	200	1835
50 753.4	45.5 W	4150 lm	Dimmable	400	215	1835

Interior colour **matt copper**						
Velvet Black	LED		Controllable	A	B	C
50 752.6	26.5 W	2275 lm	Dimmable	300	200	1835
50 753.6	45.5 W	4070 lm	Dimmable	400	215	1835

STUDIO LINE
Floor lamps
Two-sided light emission

Metal housing with outside colour in Velvet Black or Velvet White
Inside colour available with a choice of 2 finishes
White, translucent synthetic cover
2 m connecting cable in luminaire colour
Cord dimmer

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
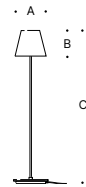
Interior colour **matt brass**					
Velvet White	Velvet Black	LED	A	B	C
50 830.4	**50 742.4**	39.5 W 2270 lm	310	250	1500
50 831.4	**50 743.4**	48.5 W 2950 lm	400	320	1700

Interior colour **matt copper**					
Velvet White	Velvet Black	LED	A	B	C
50 830.6	**50 742.6**	39.5 W 2100 lm	310	250	1500
50 831.6	**50 743.6**	48.5 W 2840 lm	400	320	1700

STUDIO LINE
Table lamps and floor lamps
Two-sided light emission

Stand made of metal
Ø 165 Screen made of synthetic material
Ø 215 Screen made of metal
Outside colour in Velvet Black or Velvet White
Inside colour available with a choice of 2 finishes
Translucent synthetic cover with optical texture
2 m connecting cable in luminaire colour
Touch-controlled dimmer

Colour rendering index (CRI) > 90

Colour temperature: 3000 K – article number + **K3**

20-year availability guarantee for replacement parts and LED modules
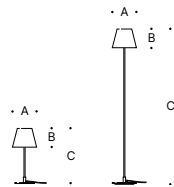
Interior colour **matt brass**					
Velvet White	Velvet Black	LED	A	B	C
51 176.4	**51 178.4**	8.9 W 635 lm	165	120	400
51 031.4	**51 030.4**	19.5 W 1355 lm	215	160	500
51 177.4	**51 179.4**	19.5 W 1355 lm	215	160	1400

Interior colour **matt copper**					
Velvet White	Velvet Black	LED	A	B	C
51 176.6	**51 178.6**	8.9 W 580 lm	165	120	400
51 031.6	**51 030.6**	19.5 W 1295 lm	215	160	500
51 177.6	**51 179.6**	19.5 W 1295 lm	215	160	1400

Please refer to the technical planning data for planning and installation.
The current values for LED service life, luminous flux and maximum ambient temperature
are available at all times in the instructions for use and data sheets on our website.

Accessories

Accessories light control

Our flexible and innovative light control solutions enable you to efficiently and conveniently control lighting systems of any size. Whether smart light control for your home, cloud-based control for large installations or integration in comprehensive building automation systems: BEGA networks light with architecture and technology to create intelligent, sustainable and future-proof solutions.

Here you will find further information on our BEGA Smart, wibutler and BEGA Connect lighting control solutions and our portfolio of system components for DALI.

Pages 422 – 423

BEGA Smart

Pages 424 – 425

⋈ wibutler

Pages 426 – 427

BEGA Connect

Pages 428 – 433

DALI system components

LED lamps

Some of our luminaires are equipped with a conventional G 9, E 14 or E 27 base. We offer a selection of long-life, energy-saving LED lamps in switchable or dimmable versions for these luminaires.

Pages 434 – 435

LED lamps

Accessories for BEGA outdoor luminaires

We offer a wide range of specifically matched accessories for our outdoor luminaires
for different mounting and installation situations, as well as for the operation and protection
of electrical components.

Pages 436 – 437

**Power supply units · Surge protection
Inrush current limiter**

Pages 438 – 441

**BEGA UniLink® and
BEGA UniLink® Play system components**

Pages 442 – 445

Accessories for BEGA floodlights

Pages 446 – 447

Screw-on bases and anchorage sections

Page 449

**Connection boxes for BEGA pole-top luminaires,
light building elements and bollards**

Page 451

Care sets

Accessories for BEGA indoor luminaires

We offer a wide range of specially designed accessories for our indoor luminaires
and their various mounting and installation situations.

Page 452

Power supply units

Page 453

Pendant adjusters · Pendant shorteners

Pages 454 – 455

**Accessories for ceiling installation
of BEGA pendant luminaires**

BEGA Smart

BEGA Smart was developed specifically for everyday use. For a home where everything is easy. Smart means uncomplicated. That is why all devices and functions are programmed and controlled simply, intuitively and clearly in a single place: the BEGA Smart app. Control individual luminaires or luminaire groups, configure custom lighting scenarios or set up a time switch function – smart BEGA lights are incredibly versatile. They combine comfort, safety and energy efficiency.

Find out more at bega.com/smart

Remote controls

Remote Control ONE
10 freely programmable buttons. Each button can be assigned an individual luminaire, luminaire group, scene or light colour. Configuration using BEGA Smart app
Grey synthetic housing with black front panel, including magnetic wall mounting bracket
Zigbee 3.0 · Max. radio range 30 m

Remote Control PRO
E-paper display and touch ring for menu navigation as well as two freely programmable favourite buttons.
Configuration using BEGA Smart app
Matt black anodised cast aluminium housing
Front made of unbreakable, scratch-proof Gorilla® glass.
Including magnetic wall mounting bracket

Zigbee 3.0 · Max. radio range 30 m

		Ø
10 526	Remote Control ONE	75
13 569	Remote Control PRO	80

Smart Rotary Dimmer for installation in flush-mounted device boxes

Wireless rotary dimmer with integrated aerial for switching, dimming and regulating the light colour of luminaires.
The Smart Rotary Dimmer can be used in conjunction with most brand-name switch programs.

Mains voltage 220–240 V ∿ 50/60 Hz
Zigbee 3.0 · Max. radio range 30 m
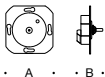
		A	B
71 148	Smart Rotary Dimmer	70	48

High-frequency motion and light sensor for wall mounting

The high-frequency motion and light sensor for wall mounting outdoors detect motion and environmental brightness and wirelessly controls your BEGA Smart System via radio.

The sensor can be configured using the BEGA Smart app, and networked with additional sensors, devices and luminaires. The sensor enables automated control of these devices.

Protection class IP 64
Colour graphite

Mains voltage 220–240 V ∿ 50/60 Hz
Zigbee 3.0 · Max. radio range 30 m
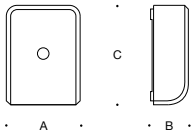
		A	B	C
71 362	HF motion and light sensor	102	51	139

Zigbee-Router module for installation in device boxes

The Zigbee router module is used to route radio signals in expansive buildings, for example and thus enables a greater range.

Integrated 2.4 GHz aerial

Compatible with BEGA Smart
Power supply 220–240 V ∿ 50 Hz

		A	B
71 055	Zigbee router module	47	12

Pushbutton and switch module for installation in device boxes

For up to four potential-free pushbuttons or switches for switching, dimming, adjusting the light colour and calling up scenarios. The module controls your BEGA Smart system wirelessly and can be configured using the BEGA Smart app.

It can be networked with additional devices and luminaires to enable their manual control.

Pushbuttons and switches of many brand-name switch programs are compatible.

Mains voltage 220–240 V ∿ 50/60 Hz
Zigbee 3.0 · Max. radio range 30 m

		A	B
• **71 152**	Pushbutton and switch module	50	23

• New in the range

Smart DALI Controller

The Smart DALI controller upgrades existing electrical installations by allowing control of DALI luminaires on a three-core cable via BEGA Smart.

National safety regulations must be observed when installing in suspended ceilings.

Mains voltage 220–240 V ⏦ 0/50-60 Hz
Zigbee 3.0 · Max. radio range 30 m
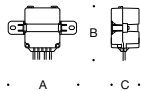
	A	B	C
71 149 Smart DALI Controller	70	46	29

Zigbee DALI-control module for installation in device boxes

DALI control output for joint switching and dimming of up to five DALI operating devices. Relay contact with a switching capacity of 2000 W / 1000 VA.

Integrated 2.4 GHz aerial
Can be used as router or coordinator in Zigbee networks.
Compatible with BEGA Smart

Power supply 220–240 V ∿ 50/60 Hz

For installation in device boxes

	A	B
70 049 Zigbee control module · With DALI interface	50	31

Smart Plug

It couldn't be easier to make a home smart: The Smart Plug goes into the socket – done. Each device with a safety plug can be quickly and easily incorporated into the home's BEGA Smart system and be easily controlled via smartphone or remote control.

Switch and control your devices with a Smart Plug.

Mains voltage 220–240 V ∿ 50/60 Hz
Zigbee 3.0 · Max. radio range 30 m
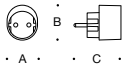
	A	B	C
71 190 Smart Plug type F	45	51	70

Luminaires for BEGA Smart

For BEGA system pendant luminaires, canopies with integrated smart DALI controller are available.

Pages 392-407

Zigbee lamps integrate E 14 and E 27 socket luminaires into BEGA Smart.

Pages 434-435

BEGA UniLink® Play luminaires can be integrated into BEGA Smart using the Smart Link.

Pages 210-221

Luminaires with a mains plug connected to Smart Socket connecting pillars can be controlled using BEGA Smart

Page 223

Smart luminaires with integrated wireless interface can be directly integrated into BEGA Smart. You can identify the relevant luminaires from the designation "BEGA Smart-controllable".

⋈ wibutler

The **wibutler** platform is used for digital building control.
Using wibutler pro, BEGA Smart components can be integrated
into a Professional Smart Home alongside third party products –
safe cloud access from anywhere is included.

Find out more at bega.com/wibutler

[Download on the App Store] [GET IT ON Google Play]

⋈ wibutler

Open source for everyone – and safe

The wibutler OS offers a platform for digital building control.

BEGA Smart components can easily be integrated into a Professional Smart Home alongside third party products using wibutler pro – safe cloud access from anywhere is included.

The cross-device control system allows easy operation of lighting systems, electronics, sensors, ventilation systems, heating systems, motorised awnings and roller shades and much more – all via one single app.
It allows over 300 devices from more than 40 brands to be securely networked together.

Your advantages in combination with BEGA Smart products:

• Networking options with other devices and third-party products

• Control flexibility – by switch, voice command, smartphone …

• wibutler is the central operating and control element for all home technology and offers easy system commissioning, clear navigation and all the options of an energy-efficient, convenient and safe Smart Home system

• Remote control of the entire system
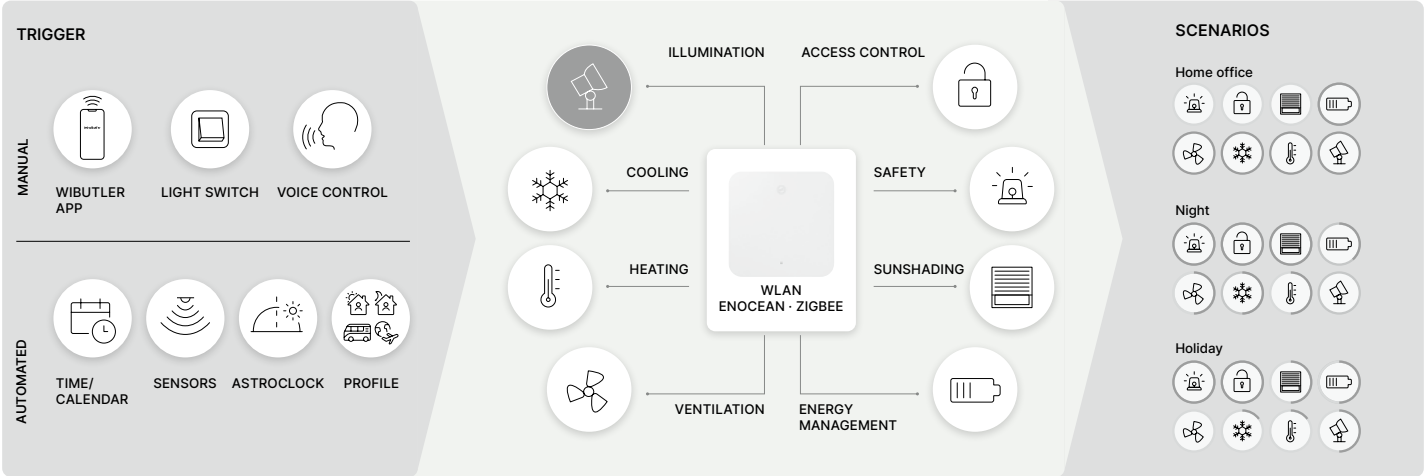
wibutler.com

wibutler pro 2

The wibutler system is connected with the Internet and establishes the connection between the paired components and the wibutler cloud.
Commissioning and control are carried out via compatible end devices with the wibutler app for iOS and Android.

Radio standards EnOcean, Zigbee 3.0, WLAN
Plug-in power supply unit 100–240 V, 50/60 Hz · Ethernet · 2 × USB 2.0
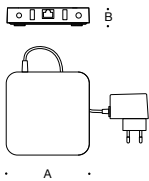
		A	B
71 895	wibutler pro 2	130	30

BEGA Connect

BEGA Connect opens up countless possibilities for you to use smart light to showcase both smaller lighting installations and large illumination projects. Online and without DALI expertise. Wherever you are: It allows you to control, plan and monitor individual luminaires via a browser or the modern and intuitive app from any location.

Find out more at connect.bega.com

Your path to the cloud

All you need in order to benefit from the possibilities offered by intelligent cloud-based lighting control is a connector to serve as an interface between your local installation and the BEGA Connect Cloud.

The only requirement is access to the internet: provided either via the local network (LAN or Wi-Fi) or, in the case of the Air Connector and Zhaga Air Connector, by means of the integrated internet connection via narrowband IoT.

We offer the right connector for every application. Maintain an overview even with large installations thanks to cloud clustering of multiple connectors.

DSL / 5G / LTE — **Narrowband IoT**

LTE router
or existing
IP infrastructure

IP

Narrowband-IoT

DALI Connector

Air Connector

Zhaga Air Connector

DALI

DALI

**Zhaga Book 18
Ed. 3.0**

64 operating devices + 64 control device

20 operating devices

Luminaire with Zhaga base
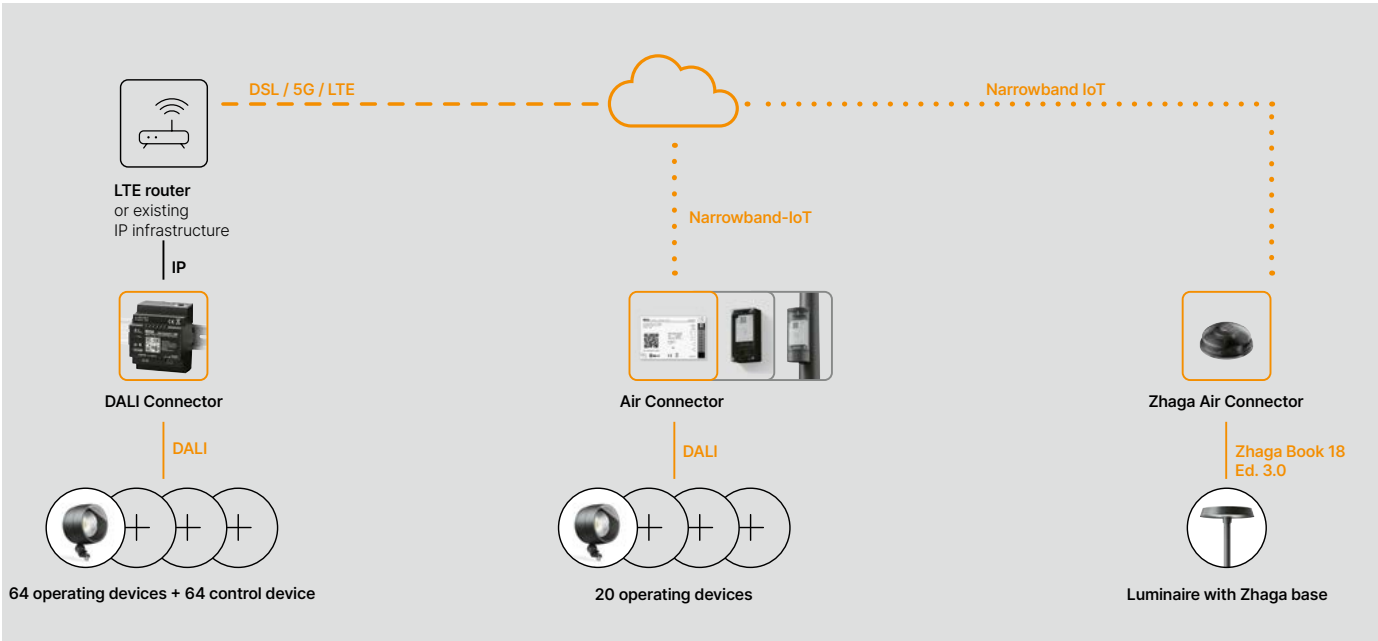
**The DALI Connector:
makes complex things simple.**

Integrate your lighting system into the existing IP infrastructure with the DALI Connector.
Connection to the BEGA Connect Cloud is established via Ethernet or WLAN.

**The Air Connector:
instantly online, no matter the location.**

The Air Connector provides an internet connection via narrowband IoT – even in places where an online connection is hard to come by: in the most remote locations and behind thick walls.
The Air Connector is available individually, in a housing for wall mounting or for installation on a pole.

**The online upgrade:
Zhaga Air Connector.**

Luminaires with Zhaga Book 18 Ed. 3.0 interface connect directly with the BEGA Connect cloud via the Zhaga Air Connector – including Internet connection thanks to Narrowband IoT. Each individual light point can be controlled in a combined system.

With just one connector and the BEGA Connect app, you can control your
DALI lighting installation as simply and with as much flexibility as never before.
No DALI expertise required, no unnecessary complications and no additional
components. With BEGA Connect, all DALI luminaires can be conveniently
networked, configured, controlled and managed in a single system using
remote access via PC, tablet or smartphone.

Air Connector for installation in a protected connection compartment

Protection class IP 20
DALI power supply integrated, 100 mA
For controlling up to 20 DALI operating devices
Integrated mobile radio connection via narrowband IoT
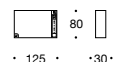
71 298   Air Connector for installation in a protected connection compartment

Air Connector in a housing for wall mounting

Protection class IP 66
Glass-fibre reinforced synthetic material · 2 cable entries
DALI power supply integrated, 100 mA
For controlling up to 20 DALI operating devices
Integrated mobile radio connection via narrowband IoT
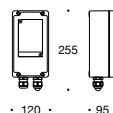
The illustration shows parts of the black housing as
transparent for better clarification of the system.

71 262   Air Connector in a housing for wall mounting

Air Connector in a housing for installation on a pole

Protection class IP 65 · Cast aluminium · Synthetic material
6 m connecting cable with free cable ends
DALI power supply integrated, 100 mA
For controlling up to 20 DALI operating devices
Integrated mobile radio connection via narrowband IoT

Luminaire colour · BEGA Unidure®
Graphite – article number
Silver   – Article number + **A**

The illustration shows parts of the black housing transparently for better clarification of the system.
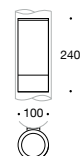
71 297   Air Connector in a housing for installation on a pole

Zhaga Air Connector for direct installation on a luminaire

Protection class IP 66
Synthetic material · Installation via Zhaga Book 18 Ed 3.0 interface
Power supply via DALI-2 power supply unit (DiiA 150) in the luminaire
For controlling an individual luminaire

71 210   Zhaga Air Connector for direct installation on a luminaire

DALI-2 Zhaga motion and light sensor for direct installation on a luminaire

Protection class IP 66
Synthetic material · Installation via downward-directed Zhaga Book 18 Ed 3.0 interface
The passive infrared motion and light sensor reacts to thermal radiation, switching to account
for the environmental brightness when people or animals move in its vicinity.
In combination with Zhaga Air Connector, ideally suited for street illumination with mounting
heights between 4000–8000 mm
Power supply via DALI-2 power supply unit (DiiA 150) in the luminaire

71 328   DALI-2 Zhaga motion and light sensor

DALI connector for DIN rail mounting

Integrated DALI power supply, 250 mA
For controlling up to 64 DALI operating devices and 64 control devices compliant
with DALI-2 standard

71 209   DALI connector for DIN rail mounting

The technical data for all BEGA Connect components can be found in the data sheets on our website.
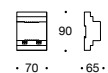
DALI system components

DALI is the industry standard for professional light control indoors and outdoors, and also for seamless integration in parent control systems via gateways.
The configuration is performed using either the DALI Cockpit software (free download from our website) or the free BEGA Tool app, with which the DALI luminaires can very easily be configured by smartphone via BEGA Bluetooth DALI gateway or using the DALI programmer. The app allows you to create lighting scenarios and brightness controls as well as configure pushbuttons and sensors.

Find out more at bega.com/dali

DALI Cockpit

The free DALI Cockpit software for Windows PC enables professional management of a DALI line.
A DALI USB interface is required for the connection. This can be removed from the line after configuration has been completed.

The DALI system – luminaires, pushbuttons, sensors, etc. – is operated, addressed and configured using the software (defining groups, scenarios, dimming values, etc.). Apart from creating groups and scenarios as well as defining dimming values, individual DALI commands can be send manually, all communication can be monitored and various configuration can be saved and loaded.

Further information and free download at bega.com/dali-cockpit

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70 866   71 094

DALI power supply

For supplying DALI devices on a DALI line.

For DIN rail mounting and installation in device boxes
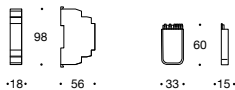
		Output current
70 866	For DIN rail mounting	250 mA
71 094	For installation in device boxes	30 mA

---

71 054   71 024

DALI USB interface

For connecting the DALI line to a Windows PC.

The configuration is performed using the DALI Cockpit software
(free download from our website).

USB port · USB cable included in the delivery

For DIN rail mounting and installation in device boxes
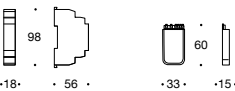
71 054	For DIN rail mounting
71 024	For installation in device boxes

BEGA Tool App

The BEGA Bluetooth DALI gateway enables wireless configuration of your DALI line using the free BEGA Tool app. Luminaires, pushbuttons and sensors can be operated, addressed and configured using the app. The definition of groups, scenarios, dimming values and other parameters is carried out conveniently by smartphone. The combination of power supply and Bluetooth in a single gateway eliminates the need for an additional interface module, and the system can be modified later at any time. BEGA Tool can also be used to configure the DALI programmer, which is able to rapidly set luminaires to pre-defined settings for example.

More information can be found at bega.com/tool

Bluetooth DALI gateway

For the commissioning and power supply of DALI operating devices and control components in a DALI line with max. 64 operating devices.

The configuration is performed using the free BEGA Tool app.
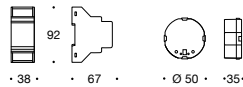
71 075 For DIN rail mounting
71 151 For installation in device boxes

71 075

71 151

DALI programmer

DALI programmer for the parametrisation of DALI operating devices.
Four buttons can be programmed with DALI parameters.

The configuration is performed using the free BEGA Tool app.
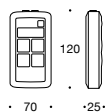
71 153 DALI programmer

DALI repeater

A one-off extension of the DALI line from 300 m to 600 m can be achieved using the DALI repeater. The repeater electrically isolates the bus devices (DS = DALI-SELV).

For max. 64 bus devices on the entire DALI line.

71038 A separate 24 V DC power supply unit is required for the power supply.

71063 Cast aluminium housing · Protection class IP 65 · Safety class I
Integrated power supply 24 V DC

71 038 For DIN rail mounting
71 063 in IP 65 housing

71 038

71 063

Please refer to the technical planning data for planning and installation.
This data is readily available in the instructions for use and data sheets on our website.

DALI system components

DALI-2 touch panel for installation in device boxes

Multifunctional touch panels for manual control of LED,
Tunable white and RGBW luminaires (DT 6, DT 8, RGBWAF).

Colour white

88
88 · ·17·

71 245	RGBW
71 250	Tunable white
71 251	Group control
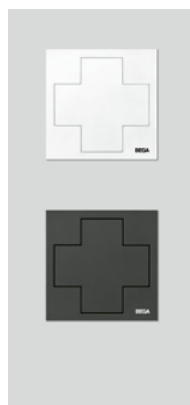
DALI-2 cross switch for installation in device boxes

Four pushbuttons for user-assignable functions.
(Groups, lighting scenarios or staircase control)
Suitable for manual control of LED and Tunable white
luminaires (DT6, DT8).

83
· 83 · ·17·
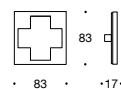
| 71 025 | Cross switch · Colour **white** |
| 71 056 | Cross switch · Colour **black** |
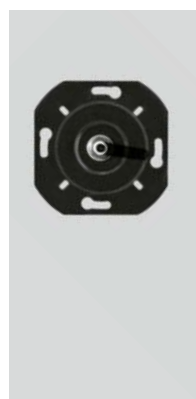
DALI-2-rotary dimmer for installation in device boxes

DALI rotary dimmer for adjusting the brightness of DALI luminaires
and switching them on and off, for controlling Tunable white
luminaires (DT8), RGB luminaires or RGBW luminaires (DT8).
The dimmer can be used in conjunction with most brand-name
switch programs.

70
· 70 · · 38 ·
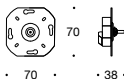
71 129	Rotary dimmer
71 130	Rotary dimmer Tunable white
71 131	Rotary dimmer RGB
71 164	Rotary dimmer RGBW

DALI-2-EnOcean pushbutton module
For installation in device boxes

For the connection of max. four EnOcean pushbuttons

60
·33· ·15·

| 71 311 | DALI-2 control module |

DALI-2 potential-free pushbutton and switch module
For installation in device boxes

For up to four potential-free switches/pushbuttons/100 kΩ
potentiometers with freely assignable function.

42
·28· ·15·

| 71 030 | DALI-2 potential-free pushb. and switch module |

DALI-2-pushbutton and switch module 230 V
For installation in device boxes

For up to four 230 V switches/pushbuttons with freely
assignable function.

60
·33· ·15·

| 71 058 | DALI-2 pushbutton and switch module 230 V |

DALI daylight module for installation in device boxes

For controlling Tunable white luminaires
according to the time of day.

60
·33· ·15·

| 71 059 | DALI daylight module |

DALI timer for installation in device boxes

For timer functions with up to 28 events to call up lighting
scenarios for LED, Tunable white and RGBW luminaires
(DT6, DT8, RGBWAF, xy).

60
·33· ·15·

| 71 043 | DALI timer |

DALI sensors for indoor use

DALI sensors for detecting motion and brightness values.

For controlling DALI luminaires.

For installation in device boxes

· 100 ·   · 40 ·
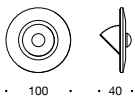
71 028 PIR motion and light sensor
71 029 Light sensor

DALI-2 PIR motion and light sensor for outdoors

The passive infrared motion and light sensor reacts to thermal radiation in the dark, switching on the connected luminaires/devices when people or animals move in its vicinity.

Protection class IP 65 · Cast aluminium

Rear cable entry

Colour graphite

116

· 77 ·   · 55 ·
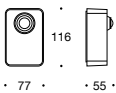
71 162 DALI-2 PIR motion and light sensor

DALI-2 sequencer module

71 312 DALI-2 sequencer module for automated time-based progression of command sequences.

71 060 DALI sequencer module · For storing four independent sequences

98   42
·18· · 57 ·   · 28 · ·15·

71 312 For DIN rail mounting
71 060 For installation in device boxes

71 312   71 060

DALI-2 relay module

For controlling a relay contact via the DALI bus, e.g. for switching luminaires with an on/off power supply unit.

98   60
·18· · 57 ·   · 33 · ·15·
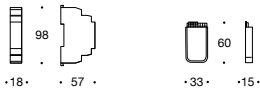
	max. rated load
71 116 For DIN rail mounting	2000 W
71 117 For installation in device boxes	1000 W

71 116   71 117

Please refer to the technical planning data for planning and installation.
This data is readily available in the instructions for use and data sheets on our website.
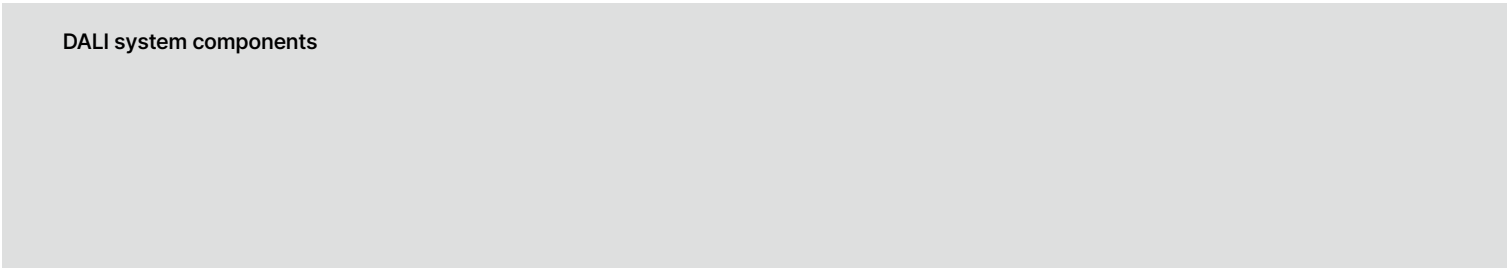
DALI system components

KNX-DALI-2 gateway for DIN rail mounting

IPAS KNX/DALI-2 gateway for the integration of up to 64 DALI operating devices in one KNX system. Parametrisation of 16 DALI groups, 16 DALI lighting scenarios and 16 sequences via application program in the ETS software.
The DALI colour light control of Tunable white and RGBW luminaires (DT 8, RGBWAF, xy) can also be achieved in this way.

A KNX learn button for toggling between normal mode and addressing mode, as well as three other buttons for device setting and configuration on the front panel.

Also suitable for operating single emergency lighting battery luminaires with DALI control in accordance with DIN EN 62386-202.

86
70   61
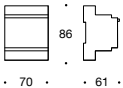
71 065   IPAS KNX-DALI-2 gateway

DALI operating devices for RGB in-ground luminaires 24 V DC

DALI operating devices for RGB in-ground luminaires 24 V DC

for max. 15 luminaires 33 291 · 88 897 or
for max.   6 luminaires 33 292 · 88 898 or
for max.   2 luminaires 33 293 · 88 899

Protection class IP 65 · Safety class I

Cast aluminium and aluminium

Additive colour mixing can be performed using any commercially available DALI colour light control (DT 8, RGBW, xy) system. If there is no internal DALI power supply in the DALI colour light control system, DALI power supply 70 866 can be used.

A separate power supply unit is required for operation.
For more information about BEGA power supply units, see Page 436.

305
215   65
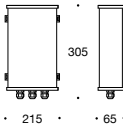
71 018   For RGB recessed luminaires 24 V DC

DALI power reducer

Control device for automatic power reduction/night-time brightness reduction
with integrated DALI power supply for up to nine standard DALI operating devices.

Optionally adjustable to two operating modes:

Operating mode 1: Power reduction with control phase
Operating mode 2: Power reduction by way of virtual midnight calculation

Not suitable for use with a separate DALI power supply.

71 145 Ready-to-connect unit for retrofitting in luminaire poles or existing installations.
Protection class IP 65 · Housing made of fibreglass-reinforced synthetic material · Colour graphite
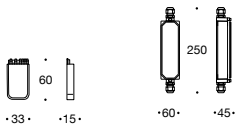
71 150	For installation in device boxes
71 145	In device box IP 65

71 150

71 145
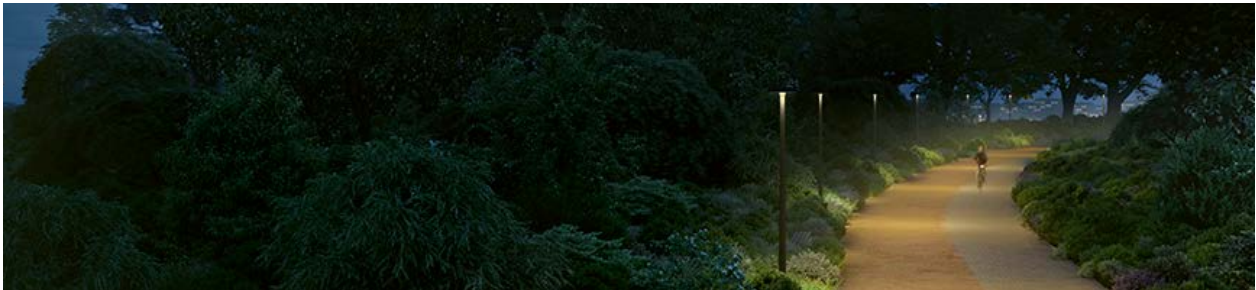
BEGA BugSaver® control devices

Control devices in different designs for switching the colour temperature
and for reducing the power for BEGA BugSaver® luminaires.

Two operating modes are optionally available:
• Switchover via control phase
• Switchover via virtual midnight calculation

Power supply for up to nine BEGA BugSaver® luminaires.

Not suitable for use with a separate DALI power supply.

71 303	BEGA BugSaver® control device · IP 20
71 304	BEGA BugSaver® control device in the device box for installation in luminaire poles · IP 65
71 305	BEGA BugSaver® control device in the connection box for installation in luminaire poles · IP 54

71 303   71 304   71 305

Please refer to the technical planning data for planning and installation.
This data is readily available in the instructions for use and data sheets on our website.

LED lamps

LED lamps

We offer a selection of energy-saving and long-life LED lamps in switchable or dimmable versions for our luminaires with conventional G9, E14 or E27 socket.

Our LED lamps are also available as a radio-controlled version. Based on the Zigbee standard, these LED lamps can be easily integrated into BEGA Smart, wibutler or other Zigbee-controlled Smart Home systems. Our Zigbee lamps are optionally available as Tunable white or RGBW versions.

The data quoted in the table may change as a result of technical progress.
Information concerning the current values is always provided in the data sheets on our website.
If the Zigbee 3.0 radio-controlled LED lamp is intended for outdoor use, the luminaire should be rated at least IP 65.

Clear

LED lamp for G9 base · 2700K

	LED			Dimmable	Colour temp.	CRI	Service life	on/off	Ambient temperature	EEC*	A	B
13 598	4.0 W	390 lm	Clear	Yes	2700K	>80	15 000 h	>7500×	−20 to +65°C	F	19	62

LED lamp for G9 base · 3000K

	LED			Dimmable	Colour temp.	CRI	Service life	on/off	Ambient temperature	EEC*	A	B
13 597	4.0 W	400 lm	Clear	Yes	3000K	>80	15 000 h	>7500×	−20 to +65°C	F	19	62

Clear   Matt

LED lamps for screw base E 14 · 2700K

	LED			Dimmable	Colour temp.	CRI	Service life	on/off	Ambient temperature	EEC*	A	B
13 549	4.0 W	470 lm	Clear	No	2700K	>80	15 000 h	>100 000×	−20 to +40°C	E	35	98
13 553	5.0 W	470 lm	Clear	Yes	2700K	>80	15 000 h	>100 000×	−20 to +40°C	F	35	120
13 552	4.0 W	470 lm	Matt	No	2700K	>80	15 000 h	>100 000×	−20 to +40°C	E	35	98
13 554	5.0 W	470 lm	Matt	Yes	2700K	>80	15 000 h	>100 000×	−20 to +40°C	F	35	120

LED lamps for screw base E 14 · 3000K

	LED			Dimmable	Colour temp.	CRI	Service life	on/off	Ambient temperature	EEC*	A	B
13 593	4.0 W	470 lm	Clear	No	3000K	>80	15 000 h	>100 000×	−20 to +40°C	E	35	98
13 595	4.5 W	470 lm	Clear	Yes	3000K	>80	15 000 h	>100 000×	−20 to +40°C	F	35	120
13 594	4.0 W	470 lm	Matt	No	3000K	>80	15 000 h	>100 000×	−20 to +40°C	E	35	98
13 596	4.5 W	470 lm	Matt	Yes	3000K	>80	15 000 h	>100 000×	−20 to +40°C	F	35	120

LED lamps for screw base E 14 · Zigbee

	LED			Controllable	Colour temp.	CRI	Service life	on/off	Ambient temperature	EEC*	A	B
13 558	5.3 W	470 lm	Matt	Yes	2700K	>80	25 000 h	>30 000×	−20 to +40°C	F	38	110
13 559	5.8 W	470 lm	Matt	Yes · Tunable white	2700K – 6500K	>80	25 000 h	>30 000×	−20 to +40°C	G	38	110

*EEC = Energy Efficiency Class on a scale between A–G in compliance with the "Commission Delegated Regulation (EU) 2019/2015".
The complete energy labels and product data sheets are available for download from the respective product pages on our website.

Clear

Matt

works with
BEGA Smart

LED lamps for screw base **E 27 · 2700 K**

	LED			Dimmable	Colour temp.	CRI	Service life	on/off	Ambient temperature	EEC*	A	B
13 509	7.0 W	805 lm	Clear	No	2700 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	60	105
13 511	8.0 W	1055 lm	Clear	No	2700 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	67	118
13 562	12.0 W	1520 lm	Clear	No	2700 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	70	125
13 547	7.0 W	805 lm	Clear	Yes	2700 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	60	105
13 563	12.0 W	1520 lm	Clear	Yes	2700 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	70	125
13 510	7.0 W	805 lm	Matt	No	2700 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	60	105
13 512	8.0 W	1055 lm	Matt	No	2700 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	67	118
13 564	12.0 W	1400 lm	Matt	No	2700 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	70	125
13 548	7.0 W	805 lm	Matt	Yes	2700 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	60	105
13 565	12.0 W	1400 lm	Matt	Yes	2700 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	70	125

LED lamps for screw base **E 27 · 3000 K**

	LED			Dimmable	Colour temp.	CRI	Service life	on/off	Ambient temperature	EEC*	A	B
13 583	7.0 W	805 lm	Clear	No	3000 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	60	105
13 587	8.0 W	1055 lm	Clear	No	3000 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	67	118
13 589	12.0 W	1520 lm	Clear	No	3000 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	70	125
13 585	7.0 W	805 lm	Clear	Yes	3000 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	60	105
13 591	12.0 W	1520 lm	Clear	Yes	3000 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	70	125
13 584	7.0 W	805 lm	Matt	No	3000 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	60	105
13 588	8.0 W	1055 lm	Matt	No	3000 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	67	118
13 590	12.0 W	1400 lm	Matt	No	3000 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	70	125
13 586	7.0 W	805 lm	Matt	Yes	3000 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	60	105
13 592	12.0 W	1400 lm	Matt	Yes	3000 K	> 80	15 000 h	> 100 000 ×	−20 bis + 40 °C	E	70	125

LED lamps for screw base **E 27 · Zigbee**

	LED			Controllable	Colour temp.	CRI	Service life	on/off	Ambient temperature	EEC*	A	B
13 555	9.0 W	805 lm	Matt	Yes	2700 K	> 80	25 000 h	> 30 000 ×	−20 bis + 40 °C	F	60	120
13 556	9.0 W	805 lm	Matt	Yes · Tunable white	2700 K – 6500 K	> 80	25 000 h	> 30 000 ×	−20 bis + 40 °C	F	60	120
13 557	9.5 W	805 lm	Matt	Yes · TW · RGBW	1800 K – 6500 K	> 80	25 000 h	> 30 000 ×	−20 bis + 35 °C	F	60	120

*EEC = Energy Efficiency Class on a scale between A–G in accordance with the "Commission Delegated Regulation (EU) 2019/2015".
The complete energy labels and product data sheets are available for download from the respective product pages on our website.

BEGA power supply units for LED luminaires

Some LED luminaires in our range are supplied without a power supply unit. Suitable power supply units with output voltage of 24 V DC and 48 V DC can be found on this page. Multiple luminaires can be connected to one power supply unit; when doing so, please note the maximum output of the power supply unit and the maximum cable length, due to the drop in voltage. You can find detailed information about installation in the instructions for use on our website.
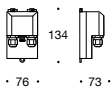
Installation and operation are subject to national safety standards.

Power supply units for compact downlights

Input voltage: 220–240 V 0/50–60 Hz
Protection class IP 65
Housing made of glass fibre reinforced synthetic material

The power supply unit can be installed together with the luminaire in the installation housing.
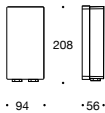
	Controllable	Current	Output
13 191	on/off	350 mA	3.5–15.4 W
13 192	on/off	500 mA	10.0–22.5 W
13 193	on/off	700 mA	10.5–35.0 W
10 520	DALI	350 mA	3.2–16.8 W
10 528	DALI	500 mA	3.0–26.0 W
10 530	DALI	700 mA	15.0–37.0 W

Electronic power supply unit · 24 V DC · 0–70 W

Input voltage: 220–240 V 0/50–60 Hz
Output voltage: 24 V DC

Protection class IP 65
Glass-fibre reinforced synthetic material
Safety power supply unit in compliance with EN 61347-2-13
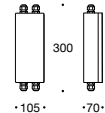
	Output
71 134	0–70 W

Electronic power supply units · 48 V DC · 0–100 W

Input voltage: 220–240 V 0/50–60 Hz
Output voltage: 48 V DC

Protection class IP 65
Cast aluminium

	Controllable	Output
13 619	on/off	0–100 W
13 620	DALI	0–100 W

Magnetic power supply units · 24 V DC · 5–35 W

Safety transformers in accordance with EN 61558/VDE 0570
Parts 2–6
Input voltage: 230 V ∿ 50–60 Hz
Output voltage: 24 V DC

Protection class IP 65 · Safety class II
Version encapsulated in cast resin
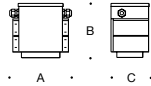
	Output
70 564	5–15 W
70 465	10–25 W
70 565	20–35 W

Magnetic power supply units · 24 V DC · 30–150 W
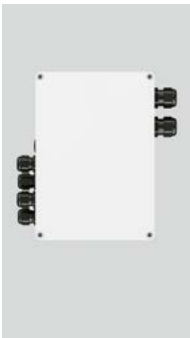
Safety transformers in accordance with EN 61558/VDE 0570
Parts 2–6
Input voltage: 230 V ∿ 50–60 Hz
Output voltage: 24 V DC

Protection class IP 65 · Safety class II
Version encapsulated in cast resin
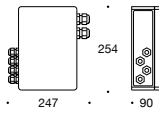
	Output	A	B	C
70 566	30–50 W	155	130	90
70 567	40–75 W	155	130	90
70 169	70–150 W	185	175	110

Accessories for underwater luminaires

Electronic power supply units 24 V DC for underwater luminaires 0–320 W

Input voltage: 220–240 V ∿ 50–60 Hz
Output voltage: 24 V DC · 0–320 W

Protection class IP 65
Housing made of synthetic material
Safety power supply unit in compliance with EN 61347-2-13

Output 0–320 W

71 307	on/off
71 300	with DATA terminals for controllable **underwater luminaires**
71 301	DALI · Including safety receiver for **underwater luminaires**

BEGA Safety Transceiver for underwater luminaires

The BEGA safety transceiver makes it possible to separate and convert a DALI signal into a DATA signal required for swimming pool luminaires or underwater floodlights.

Up to 64 luminaires can be integrated into a system and used in groups and scenarios.

71 302	BEGA Safety Transceiver

BEGA surge protection and inrush current limiter

LED luminaires are at risk of damage from overvoltage, which can cause e.g. partial or complete failure of the LED modules, loss of brightness, or failure of electronic components. Overvoltage surges have a negative effect on the service life of the luminaires, even if no immediate fault occurs. BEGA recommends the use of surge protection components in compliance with EN 61643-11 for the reliable protection of LED lighting systems.

LED power supply units can generate very high starting currents for several milliseconds when switching on. Inrush current limiters serve to reduce these currents so that more luminaires can be operated on one automatic cutout. You can find the maximum number of luminaires per automatic cutout from the data sheets for our luminaires.
These components are suitable for various applications and considerably increase operational safety.

Electronic load relay

Electronic load relay with make contact for spark-free and bounce-free switching of single-pole sustained loads up to 1 kW.

Through specific switching in the voltage zero crossing, inrush currents are reduced and less wear is generated on downstream components.

71 320 Electronic load relay

Inrush current limiter

Limits the starting current of electronic ballasts and LED drivers to 33.9 A for 300 ms, an acceptable value for circuit protection.

For DIN rail mounting
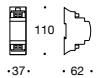
71 039 Inrush current limiter

Surge protection
for single-phase end devices (on/off power supply unit)

CITEL surge protection type 2 + 3
(in compliance with EN 61643-11) for the protection of single-phase end devices (on/off power supply unit).

For installation in luminaires or connection boxes

71 045 Surge protection

Surge protection
for **single**-phase end devices (on/off power supply unit)

CITEL surge protection type 2 + 3
(in accordance with EN 61643-11) for the protection of single-phase end devices (on/off power supply unit).

For DIN rail mounting

71 048 Surge protection

Surge protection
for three-phase end devices

CITEL surge protection type 1 + 2 + 3
(in accordance with EN 61643-11) for the protection of 3-phase end devices for application in TT and TNS low voltage networks.

For DIN rail mounting
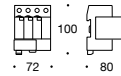
71 049 Surge protection

Surge protection
for **single**-phase end devices (on/off power supply unit)

CITEL surge protection type 2 + 3
(in accordance with EN 61643-11) for the protection of single-phase end devices (on/off power supply unit).
Protection class IP 65 · Safety class I
For installation in luminaire poles, bollards and suspended ceilings, as well as for all types of installation outside luminaires or groups of luminaires.

Housing made of glass fibre reinforced synthetic material
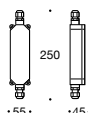
71 046 Surge protection

Surge protection of LED luminaires
with 1–10 V or DALI interfaces

CITEL surge protection type 2 + 3
(in accordance with EN 61643-11) for the protection of LED luminaires with 1–10 V or DALI interface.
Protection class IP 65 · Safety class I
For installation in luminaire poles, bollards and suspended ceilings, as well as for all types of installation outside luminaires or groups of luminaires.

Housing made of glass fibre reinforced synthetic material
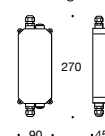
71 047 Surge protection

BEGA UniLink® system components

for luminaires from Pages 212–217
for floodlights with connection adapters from Pages 116, 120, 123, 129 and 130

BEGA UniLink® luminaires are factory-equipped with a five-metre connecting cable with a waterproof BEGA UniLink® plug connector. These can be connected as needed to BEGA UniLink® extension cables or BEGA UniLink® five-way distribution boxes.

Please note:
To connect a BEGA UniLink® luminaire to the power network, it is necessary to have at least one mains plug or one connection cable with free cable end.

Type F / E	Type G	Type J	Type K	Type L

National mains plugs for connecting BEGA UniLink® luminaires to a socket or
for connecting to BEGA UniLink® extension cables or five-way distribution boxes.

Colour graphite

BEGA UniLink® mains plug

		mainly used in
71 180	Type F	**Germany** and **Europe** ("Schuko plug")
	Type E	**France** and **Belgium**
71 181	Type G	**UK** ("Commonwealth plug")
71 182	Type J	**Switzerland** and **Liechtenstein**
71 184	Type K	**Denmark**
71 183	Type L	**Italy**

BEGA UniLink® connecting cables

Connecting cables with plug connectors and one free cable end for connecting BEGA UniLink® luminaires, extension cables or five-way distribution boxes to the 230-volt mains.
We recommend using a suitable, conventional connection box to connect the free cable end.

Colour graphite

71 256	Connecting cable with free cable ends	0.5 m
71 247	Connecting cable with free cable ends	5.0 m

BEGA UniLink® extension cables

Extension cables for the connection of additional BEGA UniLink® luminaires, extension cables or additional five-way distribution boxes with jack and plug connector
Protection class IP 67

Colour graphite

71 186	Extension cable	5 m
71 187	Extension cable	10 m
71 188	Extension cable	20 m

BEGA UniLink® five-way distribution box

Distribution box with 5 connection sockets for connecting additional BEGA UniLink® luminaires, extension cables or additional five-way distribution boxes.

Synthetic material
Protection class IP 67

Colour graphite

71 189	Five-way distribution box	

BEGA UniLink® portable connecting pillar

with BEGA UniLink® plug connector · Plug, earth spike and 2 type F safety sockets
For the integration of garden luminaires with safety plug into the BEGA UniLink® system.

Protection class IP 44 · Glass-fibre reinforced synthetic material
5 m connecting cable with BEGA UniLink® plug connector
Maximum current load 6 A / 1200 W
Integrated, replaceable microfuse 6.3 A time-delayed · Ø 5 × 20 mm

Housing colour · BEGA Unidure® · Graphite

71 277	Connecting pillar	75	160	125
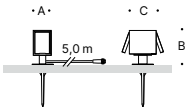
Accessories for BEGA UniLink® floodlights with connection adapter

for BEGA UniLink® floodlights with connection adapter from Pages 116, 120, 123, 129 and 130

BEGA floodlights with connection adapter can be combined with numerous accessories for installation on trees, pipes or wooden structures, for example.

The accessory and the floodlight with connection adapter are quickly and easily screwed together via a secure mechanical connection. All floodlights with connection adapter are factory-equipped with a five-metre connecting cable with a waterproof BEGA UniLink® plug connector.
The electrical connection of the floodlight is established via the BEGA UniLink® system components.

Accessories colour · BEGA Unidure®
Graphite – article number
Silver　　 – Article number + **A**

71226 · 71227　Stainless steel

Lashing strap with connection adapter

For the mounting of floodlights with connection adapter on trees, poles, pillars or cylindrical structures

Cast aluminium · Black polyester lashing strap
Clamping range Ø150–600 mm

71 225　Lashing strap

General fastener with connection adapter

For the installation of floodlights with connection adapter on walls, ceilings or wooden structures, for example

Stainless steel · Partial thread for wood or dowels
Screw-in depth 40 mm

71 226　General fastener

Screw clamp with connection adapter

For the installation of floodlights with a connection adapter on on-site structures

Cast aluminium and glass fibre reinforced synthetic material
Clamping range 1–55 mm

71 223　Screw clamp
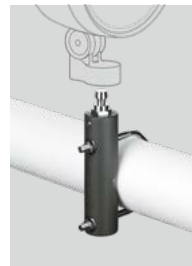
Pipe clamp with connection adapter

For the installation of floodlights with a connection adapter on pipes or on-site structures

Cast aluminium and stainless steel
Clamping range 30–80 mm

71 224　Pipe clamp

G½ fastener with connection adapter

For the installation of floodlights with connection adapter on existing structures with G½ threaded connection

71 227　G½ fastener

439
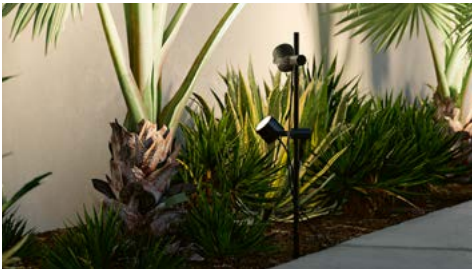
BEGA UniLink® Play system components
for luminaires from Pages 220–221

BEGA UniLink® Play includes small-format floodlights and pathway luminaires – including matching extension leads. This requires a BEGA UniLink® Play power supply unit, which provides a safe 48-volt operating voltage.

An integration into BEGA Smart using BEGA Smart Link allows individual control and automation of these luminaires. RGBW floodlights create coloured light in the garden and require no additional control components.

Outdoor socket

**BEGA UniLink®
Mains plug** or
connecting cable

0.5 m · 5 m

**BEGA UniLink®
Plug connector**

**BEGA UniLink® Play
PSU**

For the operation of
BEGA UniLink® Play
luminaires

**BEGA UniLink® Play
Plug connector**

Connecting cable

2 m

Each luminaire is
equipped with a
two-metre-long
connecting cable.

**BEGA UniLink® Play
Luminaire**

Outdoor socket

**BEGA UniLink®
Mains plug** or
connecting cable

0.5 m · 5 m

**BEGA UniLink®
Plug connector**

**BEGA UniLink® Play
PSU**

For the operation of
BEGA UniLink® Play
luminaires

**BEGA UniLink® Play
2-way distribution box**

Connecting cable

2 m

Each luminaire is
equipped with a
two-metre-long
connecting cable.

**BEGA UniLink® Play
Luminaire**

**BEGA UniLink® Play
5-way
distribution box**

**BEGA UniLink® Play
Smart Link**

All luminaires connected
with the Smart Link can be
controlled simultaneously.

works with **BEGA** Smart

**BEGA UniLink® Play
Extension cable**

5 m · 10 m · 20 m

2 m   2 m   2 m   2 m   2 m

works with
BEGA Smart

If you want to control your BEGA UniLink® Play luminaires, they can be integrated into the BEGA Smart System with BEGA Smart Link, which can be controlled via app, remote control or automation.

The use of RGBW floodlights opens up a wide range of possibilities for garden lighting. Each BEGA UniLink® Play RGBW floodlight can be individually smart-controlled without additional components.

App Store · GET IT ON Google Play

**BEGA Smart –
Lighting control via app**
Find out more on Page 19
and on bega.com/smart

BEGA UniLink® Play **power supply unit**

Protection class IP 67
Input voltage: AC: 230 V ∿ 50/60 Hz
Output voltage: DC: 48 V, 0 – 100 W

Multiple single luminaires can be operated with one power supply unit – provided
the total output does not exceed the maximum output of the power supply unit of 100 watts.
Input: BEGA UniLink® plug
Output: BEGA UniLink® Play socket
Synthetic housing

Colour graphite

71 321	PSU

BEGA UniLink® Play **5 m · 10 m or 20 m connection cables**

Protection class IP 67
Connection cable with BEGA UniLink® plug connector · Jack and plug

Colour graphite

71 322	Connection cable · 5 m
71 323	Connection cable · 10 m
71 324	Connection cable · 20 m

BEGA UniLink® Play **2-way distribution box** or **5-way distribution box**

Protection class IP 67
With BEGA UniLink® plug connector · Two or five jacks and one plug
For the connection of additional BEGA UniLink® Play luminaires, extension cables
or additional distribution boxes.
Synthetic material

Colour graphite

71 326	2-way distribution box
71 325	5-way distribution box

BEGA UniLink® Play **Smart Link**

Protection class IP 67
For the control of all BEGA UniLink® Play luminaires via BEGA Smart or wibutler –
using the app or a remote control
Synthetic housing

Colour graphite

works with
BEGA Smart

71 327	Smart Link

Accessories for BEGA floodlights with G½ threaded connection

Accessories for BEGA floodlights
with G½ threaded connection

There are a large number of different installation situations for floodlights.
For most applications, we can offer devices ready for connection. For all other situations, you will find accessories here that can be individually bolted to BEGA floodlights with G½ threaded connection in accordance with ISO 228.
BEGA floodlights with G½ threaded connection ordered in combination with accessories 70 252, 70 283, 70 280, 70 889 or 70 204 on Page 443 are supplied factory-assembled and ready for connection.
You can find data sheets and instructions for use for all accessories on our website.

Accessory colour · BEGA Unidure®
71 366 · BEGA Tricoat®
Graphite – article number
Silver – article number + **A**

70 252 Stainless steel
70 204 Colour graphite

Mounting box for flush-mounted electrical installations
with G½ threaded connection

For the permanent installation of floodlights with a G½ threaded connection on columns, walls and ceilings

Protection class IP 65 · Cast aluminium

2 cable entries

		Ø	H
70 217	Round mounting box	110	45

Mounting box for surface-mounted electrical installations
with G½ threaded connection

For the permanent installation of floodlights with a G½ threaded connection on columns, walls and ceilings

Protection class IP 65 · Cast aluminium

2 screw cable glands for connecting cable Ø 8–15 mm
8 lateral, break-out cable entries made of synthetic material

		Ø	H
● **71 370**	Round mounting box	140	65

Mounting box for foundations or anchorage units
with G½ threaded connection

For the permanent installation of floodlights with a G½ threaded connection on a foundation or separately ordered anchorage unit

Protection class IP 65 · Cast aluminium

2 screw cable glands for connecting cable Ø 8–15 mm

		Ø	H
71 366	Mounting box	140	65
70 894	Anchorage unit for 71 366		

Pole adapter with G½ threaded connection

For the permanent installation of floodlights with a G½ threaded connection on poles or on-site pipes

Cast aluminium
Recessed o pening Ø 30 mm

71 042	Pole adapter

Pole caps with G½ threaded connection

For the permanent installation of floodlights with a G½ threaded connection on poles

Cast aluminium

		For pole top	Insert depth
70 214	Pole cap	Ø 48	50
70 248	Pole cap	Ø 60	80
70 249	Pole cap	Ø 76	95
70 229	Pole cap	Ø 82	100

Side-mounted pole-top cross beam
with G½ threaded connection

For the permanent installation of floodlights with a G½ threaded connection on poles Ø ≥ 60 mm or wall surfaces

Cast aluminium
Projection 190 mm

70 379	Side-mounted pole-top cross beam
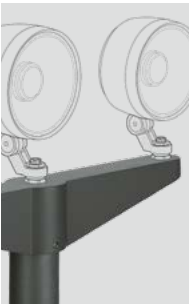
Pole-top cross beam
for **3** floodlights with G½ threaded connection

For the permanent installation of floodlights with a G½ threaded connection on poles Ø 76 mm
Please check whether the length of the cross beams on the floodlights can be adjusted locally for the desired illumination.
Dimensions and information about the swivel ranges can be found in the instructions for use for the floodlights.
Protection class IP 55 · Cast aluminium

		For pole top	A
71 261	Pole-top cross beam	Ø 76	600
71 248	Pole-top cross beam	Ø 76	820

● New in the range

Multiple cross beam for **floodlights** with G½ threaded connection

For the arrangement of multiple BEGA floodlights with G½ threaded connection on wall surfaces, supporting structures and under ceilings. On ground surfaces, the unit can be mounted either on a foundation or two anchorage units – 70 896.
Further information on BEGA anchorage units can be found on Page 447.

Please note:
The maximum number of floodlights that can be installed depends on the floodlight type.
You will find all relevant information and technical specifications in the instructions for use on our website.

Protection class IP 65
Cast aluminium and aluminium
Connection box made of cast aluminium
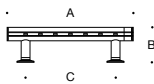
		A	B	C
71 249	Multiple cross beam	950	260	680
71 263	Multiple cross beam	1400	260	1100
70 896	Anchorage unit			

Rectangular mounting box with G½ threaded connection

For the permanent installation of floodlights with G½ threaded connection in existing installation sites that require a mounting box with compact dimensions.

Protection class IP 65
Cast aluminium
2 cable entries

		L	B	H
70 245	Rectangular mounting box	125	60	55

General fastener with G½ threaded connection

For the permanent installation of floodlights with G½ threaded connection on walls, ceilings or wooden structures

Stainless steel · Partial thread for wood or dowels
Screw-in depth 40 mm
5 m connecting cable with type F mains plug

70 252	General fastener

Screw clamp with G½ threaded connection

For the non-permanent installation of floodlights with G½ threaded connection on existing structures

Cast aluminium and glass fibre reinforced synthetic material
Clamping range 1–55 mm
5 m connecting cable with type F mains plug

70 283	Screw clamp

Pipe clamp with G½ threaded connection

For the permanent installation of floodlights with G½ threaded connection on pipes or on-site structures

Cast aluminium and stainless steel
Clamping range 30–80 mm
5 m connecting cable with type F mains plug

70 280	Pipe clamp

Lashing strap with G½ threaded connection

For the non-permanent installation of floodlights with G½ threaded connection on trees, poles, columns or cylindrical structures

Cast aluminium · Black polyester lashing strap
Clamping range Ø150–600 mm
10 m connecting cable with type F mains plug

70 889	Lashing strap

Earth spike with G½ threaded connection

For portable installation of floodlights with G½ threaded connection in soil

Glass fibre reinforced synthetic material
Insert depth 250 mm
5 m connecting cable with type F mains plug

70 204	Earth spike

Accessories for BEGA high-performance floodlights
With mounting bracket with a central hole Ø 22 mm
and 2 holes Ø 9 mm · Distance apart 80 mm

There are a large number of different installation situations for floodlights.
On this page, you will find accessories for the permanent operation of the
BEGA high-performance floodlights with mounting brackets.
Please refer to the technical information for each accessory in the data sheets
and the instructions for use on our website.

Colour BEGA Unidure®
Graphite – article number
Silver   – article number + **A**

71 071 Stainless steel

Mounting box for foundations or anchorage units
for high-performance floodlights

For the permanent installation of floodlights on foundations
or separately ordered anchorage units 70 895 or 70 896

Protection class IP 65
2 screw cable glands for connecting cable Ø 9–15 mm
Connection terminals 5×4□

		Ø	H
70 225	Mounting box	180	110
70 895	Anchorage unit for 70 225		
70 896	Anchorage unit for 70 225		

Mounting base to accommodate a junction box
for high-performance floodlights

For the permanent installation of floodlights on pillars, walls,
foundations or anchorage units* 70 895

Cast aluminium
Mounting plate made of steel, galvanised

		Ø	H
70 208	Mounting base	Ø 200	120
70 895	Anchorage unit* for 70 208		

* Anchorage units are optional accessories and must be
ordered separately. For technical data, see Page 447.
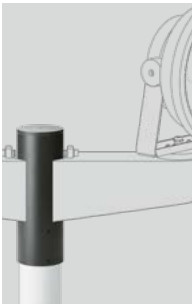
Pole caps for side-mounted pole-top cross beams
for high-performance floodlights

For the permanent installation
of 1 or 2 side-mounted pole-top cross beams 70 391 on poles

Cast aluminium

		For pole top	Insert depth
70 386	Pole cap	Ø 60	110
70 387	Pole cap	Ø 76	120
70 388	Pole cap	Ø 89	120

Side-mounted pole-top cross beam
for high-performance floodlights

For the permanent installation of floodlights on poles
Ø ≥76 mm, on pole caps 70 386 · 70 387 · 70 388
or on wall surfaces

Protection class IP 44 · Cast aluminium
1 screw cable gland · Connection terminals 5×4□
Projection 380 mm

70 391	Side-mounted pole-top cross beam

Pole caps
for high-performance floodlights

For the permanent installation of floodlights on poles

Cast aluminium · 1 screw cable gland

		For pole top	Insert depth
70 341	Pole cap	Ø 60	150
70 342	Pole cap	Ø 76	150
70 343	Pole cap	Ø 89	150
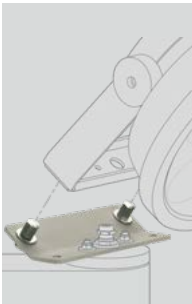
Swivel range extension
for high-performance floodlights

For the permanent installation of floodlights to extend the
swivelling range by 35°, for installation on the accessories
on this page, on building edges or projections

Stainless steel

71 071	Swivel range extension
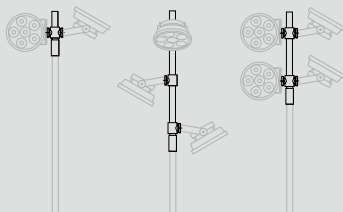
Pole tops for high-performance floodlights

Installation-ready pole tops for the installation of multiple BEGA high-performance floodlights
on a BEGA steel luminaire pole of groups 62 or 72.

Please read the technical information for the pole tops provided in the data sheets and
the instructions for use on our website. For structural reasons, shields must not be used.

Cast aluminium and aluminium

Colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**
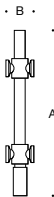
		Pole top	Insert depth	A	B
70 762	Pole top for **2** floodlights	Ø 76	150	565	195
70 763	Pole top for **3** floodlights	Ø 76	150	1765	135
70 764	Pole top for **4** floodlights	Ø 76	150	1165	195

Multiple cross beam for high-performance floodlights

For the arrangement of BEGA high-performance floodlights in groups on wall surfaces, supporting structures and
under ceilings. On ground surfaces, the unit can be mounted either on a foundation or two anchorage units – 70 896.
Further information on BEGA anchorage units can be found on Page 447.

Please note:
An installation adapter 71 216 is always required for the installation of a BEGA high-performance floodlight.
The maximum number of high-performance floodlights that can be mounted depends on the floodlight type.
All the relevant information and technical data can be found in the instructions for use on our website.

Cast aluminium and aluminium

Colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**
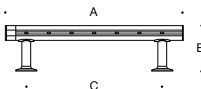
		A	B	C
71 211	Multiple cross beam	1525	390	1165
71 216	Installation adapter for one BEGA high-performance floodlight			
70 896	Anchorage unit for cross beam 71 211			

Anchorage units and screw-on bases

For mounting BEGA garden and pathway luminaires in soil and on foundations

The luminaires on Pages 198 to 209 are ideal for illuminating private outdoor spaces. These garden and pathway luminaires can be installed either with an anchorage unit or by means of a screw-on base.
The anchorage unit or screw-on base and line connector **are supplied with the luminaire** and are included in the price of the luminaire.
Please observe the technical information for the BEGA garden and pathway luminaires in the data sheets and the instructions for use on our website.

Anchorage section for the luminaires on Pages **198** to **209**

For the permanent installation of BEGA garden and pathway luminaires in a flowerbed or an unpaved surface, for example.

The anchorage unit made of hot-dip galvanised steel is included in the scope of delivery of the luminaire.
With this type of installation, an underground cable is routed into the anchorage unit from below. The underground cable and anchorage unit are set in concrete. The luminaire is then connected, placed on the anchorage unit and bolted into position.
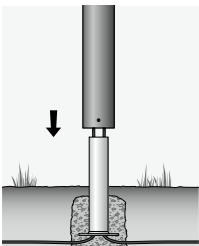
Screw-on base for the luminaires on Pages **198** to **209**

For the permanent installation of BEGA garden and pathway luminaires on foundations created on site or on other paved surfaces.

A screw-on base made of hot-dip galvanised steel is included in the scope of delivery of the luminaire.
With this type of installation, an underground cable is routed into the screw-on base from below. The base is bolted onto the mounting surface. The luminaire is then connected with a line connector and fixed to the screw-on base.
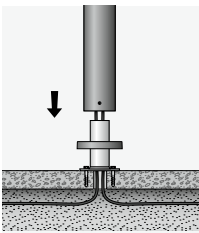
BEGA distribution boxes
for through-wiring garden and pathway luminaires and connecting pillars

Through-wiring within the luminaire is not possible for certain luminaires or connecting pillars. In this case, we recommend BEGA distribution boxes for installation in soil. After connecting the electrical lines to the terminals, the distribution box must be filled with the sealing compound supplied.

Distribution box for installation in soil

For the connection of up to 6 luminaires in soil.
Protection class IP 68 · Safety class II · Housing made of synthetic material
7 cable entries · connection terminal 5 × 4□
Sealing compound: Cartridge with gel filling
After installation, the distribution box must be sealed.
You can find the complete technical data for the distribution boxes in the instructions for use on our website.

	A	B	C
70 730 Distribution box · 7 cable entries	95	95	55

Screw-on bases and anchorage sections

For different installation requirements, suitable permanent mounting solutions are available. **Screw-on bases** are bolted on for secure installation of light building elements, for example on existing on-site foundations. **Anchorage units,** on the other hand, are fastened directly into the ground with concrete and used for stable anchoring of bollards, light building elements, pole-top luminaires and bicycle stands in the ground.
Anchorage units with connection compartment are specially designed for on-ground luminaires and can accommodate a BEGA distribution box for protected through-wiring.

Please refer to the corresponding instructions for use and data sheets on our website when planning and installing the luminaires.

Screw-on base for light building elements

For the installation of light building elements

Hot-dip galvanised welded construction made of steel
Thread inserts and mounting screws made of stainless steel

Colour · BEGA Unidure® · Graphite

		A	B	C	D
71 243	Screw-on base	200	445	—	90
71 199	Screw-on base	400	450	—	90
70 819	Screw-on base	155	645	145	108
70 829	Screw-on base	210	645	145	108
70 844	Screw-on base	395	850	150	133
70 848	Screw-on base	290	850	150	133
70 833	Screw-on base	150×90	655	145	120×60
71 191	Screw-on base	100×40	740	145	80×40
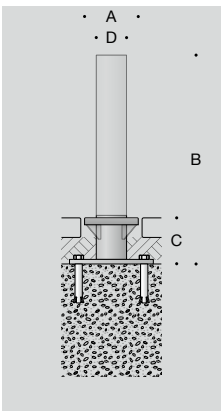
Anchorage unit with connection compartment for on-ground luminaires

For the installation of on-ground luminaires

The internal diameter of the anchorage unit is dimensioned such that the cable transition between an underground cable and the luminaire power supply cable can be carried out using BEGA distribution box 70 730.

Hot-dip galvanised welded construction made of steel
Thread inserts and mounting screws made of stainless steel

	Screw connection	A	B	C
71 246 Anchorage unit	3 × 120° M6 / M8	160	270	195
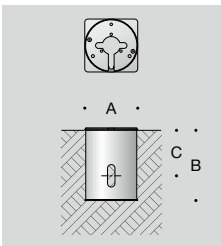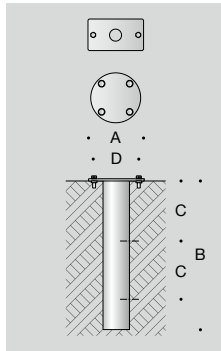
Anchorage units for bicycle stands

Hot-dip galvanised welded construction made of steel
Stainless steel mounting screws

		Screw connection	A	B	C	D
71 351	Anchorage unit	2 × 180° M10	185×105	500	200	150
71 364	Anchorage unit	4 × 90° M10	Ø150	510	200	120
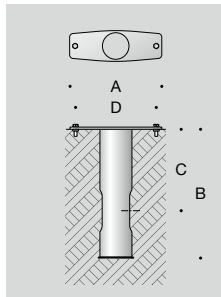
Anchorage units for rectangular bollards

Hot-dip galvanised welded construction made of steel
Thread inserts and mounting screws made of stainless steel

		Screw connection	A	B	C	D
71 178	Anchorage unit	2 × 180° M8	155×106	400	290	125
71 890	Anchorage unit	2 × 180° M8	250×85	400	290	220
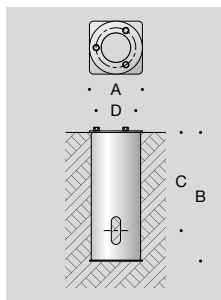
Anchorage units for bollards and luminaire poles with base plate

Hot-dip galvanised welded construction made of steel
Thread inserts and mounting screws made of stainless steel

		Screw connection	A	B	C	D
70 894	Anchorage unit	3 × 120° M6	95	400	345	70
70 895	Anchorage unit	3 × 120° M8	135	400	335	100
70 896	Anchorage unit	3 × 120° M8	165	500	345	132
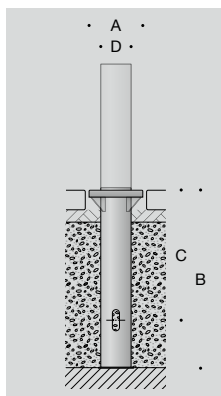
Anchorage units for light building elements

Hot-dip galvanised welded construction made of steel
Thread inserts and mounting screws made of stainless steel

		A	B	C	D
71 242	Anchorage unit	—	715	330	90
71 136	Anchorage unit	155	800	455	108
71 137	Anchorage unit	210	800	455	108
71 135	Anchorage unit	290	1000	455	133
71 207	Anchorage unit	—	1140	415	90
71 138	Anchorage unit	390	1300	950	220
71 192	Anchorage unit	100×40	800	465	80×40
71 140	Anchorage unit	150×90	800	425	120×60
71 139	Anchorage unit	395×175	1000	455	133
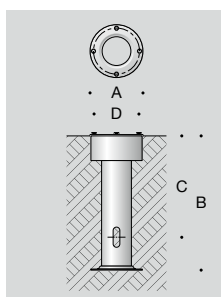
Anchorage units for luminaire poles with base plate

Hot-dip galvanised welded construction made of steel
Thread inserts and mounting screws made of stainless steel

		Screw connection	A	B	C	D
70 897	Anchorage unit	4 × 90° M10	235	600	455	200
70 898	Anchorage unit	4 × 90° M12	310	800	450	265
70 899	Anchorage unit	4 × 90° M16	335	800	450	283
71 219	Anchorage unit	4 × 90° M16	410	1000	440	353

• New in the range
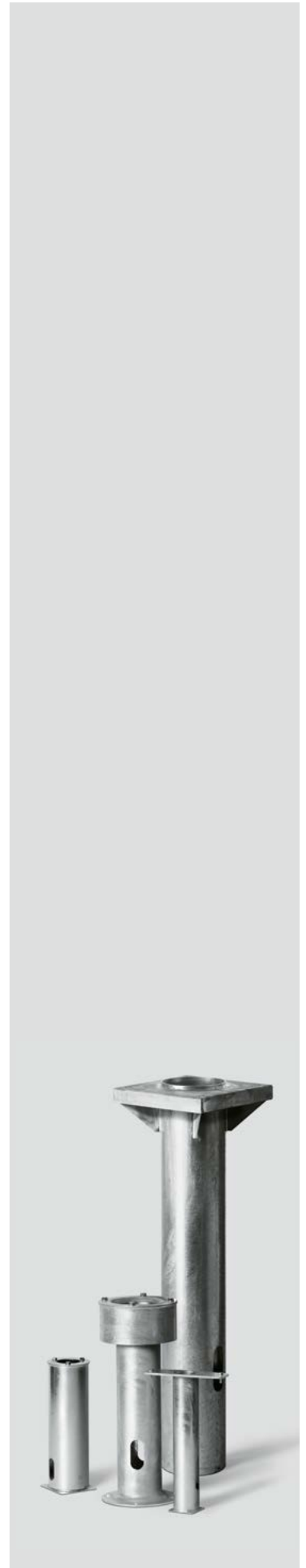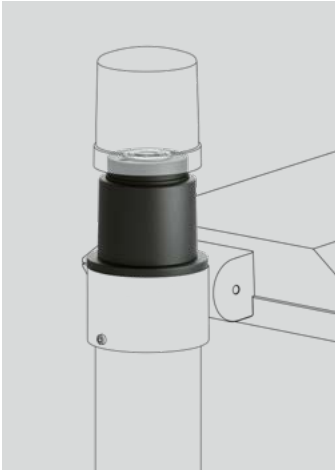
Pole top with NEMA 7 socket

Pole top with NEMA 7 socket compliant with ANSI C136.41-2013 for installation on BEGA pole-top luminaires.
Pole top with 7-pin NEMA socket for tool-free connection of NEMA 7 control components.

Protection class IP 65 · Cast aluminium, aluminium, glass-fibre reinforced synthetic material
10 m connecting cable for connection to the connection box

Accessory colour · BEGA Unidure®
Graphite – article number
Silver – article number + **A**

Please check the compatibility with BEGA pole-top luminaires
based on the information regarding accessories on our website.

		Ø	A
71 220	NEMA 7 socket for installation on BEGA pole-top luminaires	82	115
71 165	NEMA 7 socket for installation on BEGA pole-top luminaires	100	115

Type F socket with installation housing

For installation in BEGA luminaire poles or garden and bollard tubes with

• Diameter ≥ 76 mm or
• Cross section ≥ 80 × 80 mm

Protection class IP 44 · Cast aluminium

Colour BEGA Unidure®
Graphite – article number
Silver – article number + **A**

Installation in the luminaire poles is factory-prepared, but must
be carried out on site due to the risk of transport damage.
Installation in garden luminaires and bollards is carried out
at the factory.

· 90 × 120 ·   · 90 × 120 ·
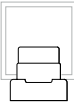
	Safety sockets	mainly used in	
71 252	Type **F** with installation housing	**Germany** and **Europe**	16 A · 250 V ∿
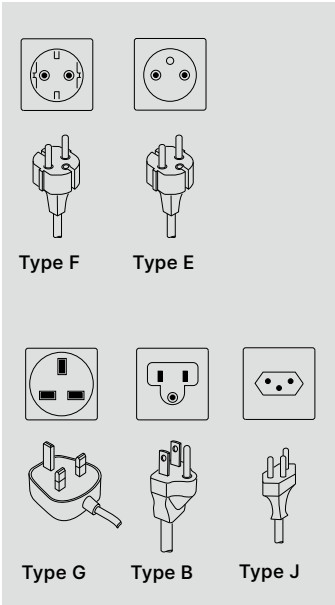
Socket types

Different sockets and plugs are used around the world, which may not always be compatible. To make it easier to distinguish between them, we have listed the socket types we offer here, along with the countries where they are commonly used.

Unless indicated otherwise, we supply our products with **Type F** safety sockets as commonly used in Europe and particularly in Germany. All other types of safety socket listed here can be installed on request as a custom-made product.

Type F   **Type E**

Type G   **Type B**   **Type J**

Sockets	mainly used in	
Type F	**Germany** and **Europe** ("Schuko plug")	16 A · 250 V ∿
Type E	**France** and **Belgium**	16 A · 250 V ∿
Type G	**UK** ("Commonwealth plug")	13 A · 250 V ∿
Type B	**USA** (NEMA 5)	20 A · 125 V ∿
Type J	**Switzerland** and **Liechtenstein**	10 A · 250 V ∿

Connection boxes and accessories for BEGA pole-top luminaires, Light building elements and bollards

Connection boxes are used to connect bollards, light building elements and pole-top luminaires. In addition to serving as the electrical transfer point from the underground cable to the luminaire supply line and as the electrical fuse protection of the luminaires, they can take on various additional functions through integrated components. You can find the complete technical data in the data sheets on our website. The installation and operation of these connection boxes are subject to national safety regulations.

Connection boxes for bollards or luminaire poles

Connection boxes in accordance with DIN 43628/VDE 0660 · Part 505
Housings made of impact-resistant synthetic material

Type		Pole Ø	Fuses	Inputs	Outputs	Protection class	A	B
A	70 623	≥ 60 mm	1 Micro 6.3 A	2 · 3 × 2.5□	1 · 3 × 1.5□	IP 55	49	160
	70 632	≥ 82 mm	1 Neozed 6 A	2 · 5 × 4□	1 · 3 × 1.5□	IP 55	59	160
B	71 084	≥ 110 mm	1 Micro 6.3 A	2 · 7 × 6□	4 · 5 × 1.5□	IP 54	75	250
	70 629	≥ 110 mm	2 Neozed 6 A	2 · 5 × 10□	2 · 4 × 2.5□	IP 55	66	245
	71 147	≥ 110 mm	2 Neozed 6 A	2 · 5 × 10□	2 · 4 × 2.5□	IP 54	72	265
C	70 647	≥ 120 mm	3 Neozed 6 A	2 · 5 × 16□	2 · 5 × 2.5□	IP 54	84	290
	71 160	≥ 120 mm	3 Micro 10 A	1 · 5 × 4□	4 · 5 × 1.0□	IP 54	84	290
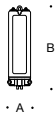
Connection box with Bluetooth DALI gateway for installation in luminaire poles

Connection box with Bluetooth DALI gateway for the commissioning and power supply (250 mA) of DALI operating devices and control components on a DALI line with max. 64 operating devices and additional control components.
Setup and configuration are carried out via the free BEGA Tool app – see Page 429.
Connection boxes in accordance with DIN 43628/VDE 0660 · Part 505
Housings made of impact-resistant synthetic material

Type		Pole Ø	Fuses	Inputs	Outputs	Protection class	A	B
B	71 085	≥ 110 mm	1 Micro 6.3 A	2 · 7 × 6□	2 · 5 × 1.5□	IP 54	75	250
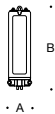
Connection box with DALI-USB interface for installation in luminaire poles

Connection box with DALI USB interface for the setup and power supply (250 mA) of DALI operating devices and control components on a DALI line with max. 64 operating devices and additional control components.
The free DALI Cockpit software can be downloaded from our website for configuration purposes – see Page 428.
Connection boxes in accordance with DIN 43628/VDE 0660 · Part 505
Housings made of impact-resistant synthetic material

Type		Pole Ø	Fuses	Inputs	Outputs	Protection class	A	B
C	71 089	≥ 120 mm	1 Micro 5 A	3 · 5 × 16□	2 · 5 × 1.5□	IP 54	84	290
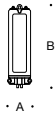
Connection box with control unit for power reduction with DALI interface

Connection box with control unit for power reduction or night-time reduction with integrated DALI power supply for nine standard DALI operating devices
Optionally adjustable to two operating modes:
Operating mode 1: Power reduction through network or control phase
Operating mode 2: Power reduction by way of virtual midnight calculation
Connection boxes in accordance with DIN 43628/VDE 0660 · Part 505
Housings made of impact-resistant synthetic material

Type		Pole Ø	Fuses	Inputs	Outputs	Protection class	A	B
C	71 143	≥ 120 mm	2 Neozed 6 A	2 · 5 × 16□	2 · 5 × 1.5□	IP 54	84	290
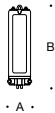
Connection box with surge protection for installation in luminaire poles

71 087 Connection box with surge protection in accordance with EN 61643-11 for LED luminaires with 1-10 V or DALI interface
70 695 Connection box with surge protection in accordance with EN 61643-11
Connection boxes in accordance with DIN 43628/VDE 0660 · Part 505
Housings made of impact-resistant synthetic material

Type		Pole Ø	Fuses	Inputs	Outputs	Protection class	A	B
B	71 087	≥ 110 mm	1 Micro 6.3 A	2 · 7 × 6□	2 · 5 × 1.5□	IP 54	75	250
C	70 695	≥ 120 mm	2 Neozed 6 A	2 · 5 × 16□	2 · 4 × 2.5□	IP 54	84	290
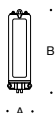
Connection box with residual current automatic cutout for installation in bollard tubes and luminaire poles

Connection box with residual current automatic cutout and surge voltage protector for connection of the BEGA charging unit integrated into the bollard tubes and luminaire poles.
Housings made of impact-resistant synthetic material

Type		Pole Ø	Residual current device/MCB	Inputs	Outputs	Protect. class	A	B
D	71 306	≥ 120 mm	30 mA / C 32 A 4-pole	1 · 5 × 10□	1 · 5 × 6□	IP 54	100	385
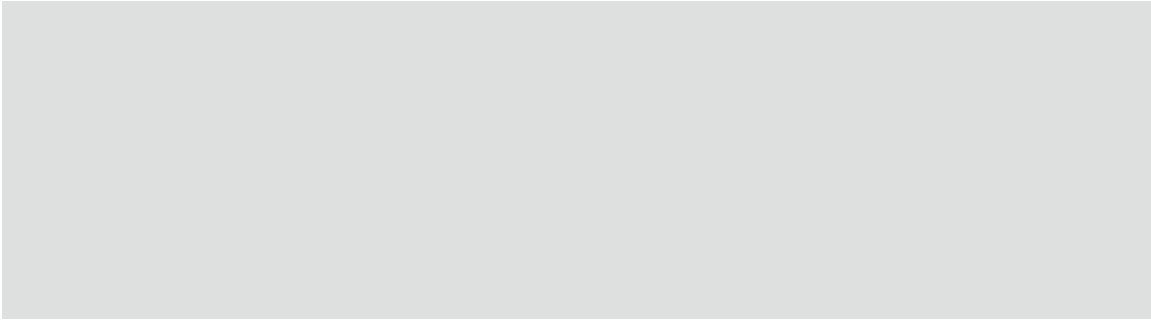
Corner blocks

For mounting luminaires on the corner of a building
Cast aluminium

Colour BEGA Unidure®
Graphite – article number
Silver – article number + **A**
White – article number + **W**
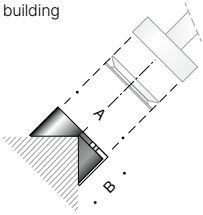
		A	B
• **10 408**	Corner block	Ø 90	50
• **10 409**	Corner block	Ø 110	60
• **13 604**	Corner block	Ø 135	85
• **10 412**	Corner block	Ø 150	85
• **10 413**	Corner block	Ø 170	95

• No longer included in the current catalogue

BEGA corrosion protection and care set for stainless steel

The BEGA corrosion protection and care set is intended for the care and preservation
of the stainless steel elements of Outdoor BEGA luminaires, especially for demanding
environments such as seawater and swimming pools.
The efficient BEGA protection and care product is applied by means of a brush applicator
or the sponge included evenly applied on the stainless steel components.
We recommend repeating the process annually to ensure a long service life and long-term
rust protection of the BEGA products.

Content:
• Brush applicator with 5 ml stainless steel care product
• Sponge
• Microfiber cloth

71 276　Stainless steel care set for BEGA stainless steel outdoor luminaires

BEGA paint care set for BEGA outdoor luminaires

The BEGA paint care set is suitable for the maintenance of painted BEGA luminaire
surfaces in outdoor areas.
The set consists of a cleaner and a refresher.

The BEGA paint care set is used to first clean and then activate and refresh the paint
colour of the outdoor luminaires for the efficient BEGA protection of metallic surfaces.

For outdoor use only

Content:
• 500 ml Cleaner spray bottle
• 500 ml Refresher bottle
• Cleaning sponge
• Microfiber cloth

71 179　Paint care set for BEGA outdoor luminaires

BEGA special cleaner for synthetic surfaces

The BEGA special cleaner for synthetic surfaces was developed specifically
for the gentle cleaning and care of synthetic materials.

For the cleaning BEGA NeoGlass®, PC, PE, PMMA and other types of synthetic materials.

Content:
• 500 ml Special cleaner spray bottle
• Matrix fiber cleaning cloth

• **71 369**　Special cleaner for synthetic surfaces

• New in the range
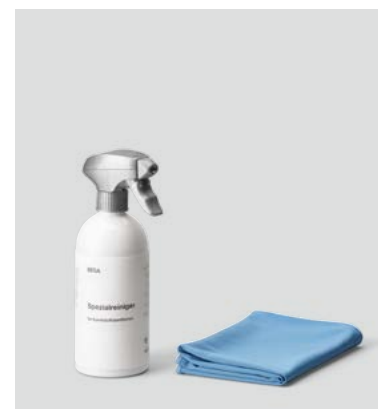
Accessories for indoor luminaires

Power supply units for recessed luminaires

For some BEGA recessed luminaires, the suitable power supply units must be ordered separately. Available models include both on/off power supply units and controllable DALI power supply units, which are specially designed for operating the luminaires. These power supply units are generally subdivided into four designs. They are available as accessories and fit in the corresponding BEGA installation housings, which are designed to enable integration without a problem.

Input voltage: 220–240 V 0/50–60 Hz
Protection class IP 20
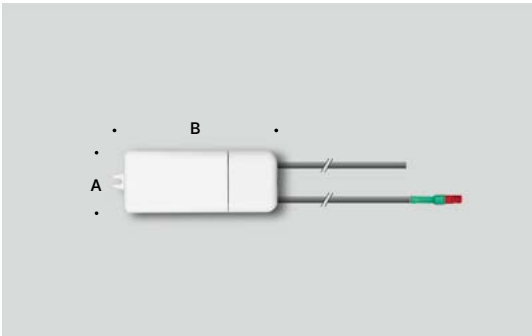
Power supply units for LED luminaires

	Controllable	Current	Output	A	B	H
13 144	on/off	350 mA	max. 19.0 W	53	119	22
13 206	on/off	700 mA	max. 20.0 W	53	119	22
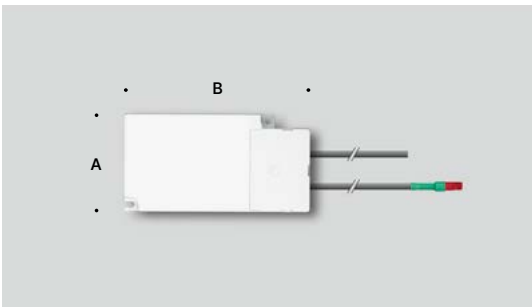
Power supply units for LED luminaires

	Controllable	Current	Output	A	B	H
13 170	DALI	350 mA	max. 18.9 W	70	140	30
13 171	DALI	500 mA	max. 27.0 W	70	140	30
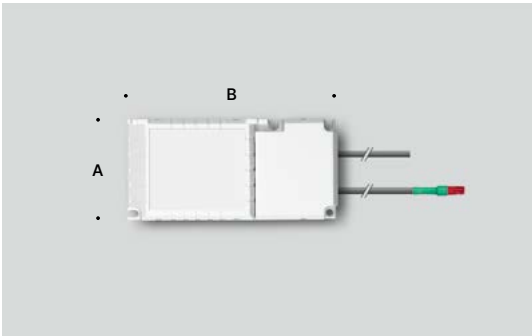
Power supply units for LED luminaires

	Controllable	Current	Output	A	B	H
13 202	on/off	700 mA	max. 33.6 W	67	130	28
13 179	on/off	900 mA	max. 47.5 W	80	125	22
13 194	on/off	1050 mA	max. 40.0 W	67	155	22
13 207	DALI	700 mA	max. 25.2 W	67	130	28
13 204	DALI	700 mA	max. 25.2 W	67	130	28
13 174	DALI	700 mA	max. 30.0 W	92	190	26
13 175	DALI	900 mA	max. 50.0 W	80	125	22
13 195	DALI	1050 mA	max. 50.0 W	80	125	22
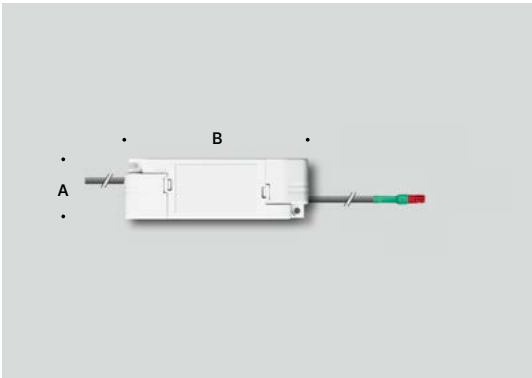
Power supply units for LED luminaires

	Controllable	Current	Output	A	B	H
13 143	on/off	250 mA	max. 11.0 W	44	147	22
13 176	on/off	500 mA	max. 22.0 W	44	147	22
13 145	on/off	500 mA	max. 25.0 W	44	147	30
13 178	on/off	700 mA	max. 30.0 W	44	147	23
13 177	on/off	1050 mA	max. 22.0 W	38	130	28
13 168	DALI	250 mA	max. 11.5 W	44	147	22
13 169	DALI	350 mA	max. 16.8 W	44	147	22
13 172	DALI	500 mA	max. 23.0 W	44	147	23
13 203	DALI	500 mA	max. 27.0 W	43	147	22
13 204	DALI	700 mA	max. 37.8 W	43	147	22
13 173	DALI	1050 mA	max. 38.0 W	44	148	30

453
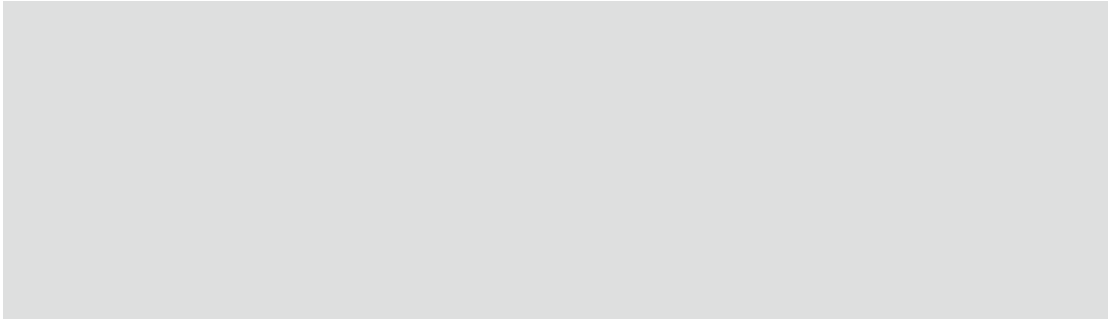
Pendant shorteners for pendant luminaires with sheathed cable

The pendant shortener enables flexible adjustment of the cable length for pendant luminaires with sheathed cable, without permanent changes to the luminaire.

For cable diameters of from 6 to max. 8 mm – up to 5 kg total weight.

Synthetic material · Colour white or black

		Ø
13 105	Pendant shortener for sheathed cable · White	45
13 106	Pendant shortener for sheathed cable · Black	45

Pendant shorteners for pendant luminaires with coaxial cable

The pendant shortener enables flexible adjustment of the cable length for pendant luminaires with coaxial cable, without permanent changes to the luminaire.

For cable diameters of from 3 to max. 4 mm – up to 2.5 kg total weight.

Synthetic material · Colour white or black
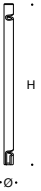
		Ø	H
• **13 649**	Pendant shortener for coaxial cable · White	12	200
• **13 650**	Pendant shortener for coaxial cable · Black	12	200

Pendant adjuster for pendant luminaires with coaxial cable

The pendant adjuster is used to flexibly shift the suspension point of a pendant luminaire with coaxial cable if the ceiling outlet is not at the desired position.

For cable diameters of from 3 to max. 4 mm – up to 2.5 kg total weight.

Synthetic material · Colour white or black

		Ø	H
• **13 651**	Pendant adjuster for coaxial cable · White	25	50
• **13 652**	Pendant adjuster for coaxial cable · Black	25	50

• New in the range

**Accessories for ceiling installation of pendant luminaires
from Pages 380 – 388**

We have developed suitable accessories for cases where the pendant luminaire's standard canopy cannot be used or where several luminaires are to be installed at one installation point.

Canopies, recessed suspension devices, cross beams and ceiling distributors are accessories for BEGA pendant luminaires and must be ordered with the pendant luminaires.

We also supply matching devices for the installation of luminaires in rows or groups as custom-made products. We would be pleased to assist you in your detailed planning.

Canopy for sloping ceilings

For the installation of pendant luminaires on ceilings or other structures
with an inclination of up to 60°.
Metal housing available with a choice of 2 finishes
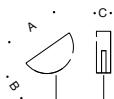
		A	B	C
13 092	Canopy, white	120	60	40
13 093	Velvet Black canopy	120	60	40

Recessed suspension device

For installing pendant luminaires in suspended ceilings
Max. Material thickness of ceiling 20 mm · Max. Weight of the luminaire 10 kg
Metal housing · Ceiling trim ring with different finishes
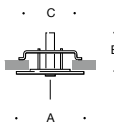
		A	B	C
13 096	Recessed suspension device, white	100	50	60
13 097	Recessed suspension device, Velvet Black	100	50	60
13 098	Recessed suspension device, stainless steel	100	50	60
13 099	Recessed suspension device, chrome	100	50	60
13 100	Recessed suspension device, brass	100	50	60

Cross beams for **3** or **5** pendant luminaires

Aluminium · Colour white
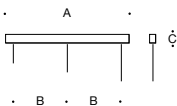
		A	B	C
13 101	Cross beams for 3 luminaires	700	300	40
13 102	Cross beams for 3 luminaires	1000	400	40
13 103	Cross beams for 5 luminaires	1300	300	40
13 104	Cross beams for 5 luminaires	1800	400	40

For easier comprehension, some canopies and cross beams are shown here with cables.
These are not included in the delivery, but are part of the luminaires.

Ceiling distributors for pendant groups of 2 – 6 pendant luminaires

Max. Luminaire diameter 130 mm
Metal canopy · Colour white

	A	B
13 108　Ceiling distributor	190	85

Ceiling distributors for pendant groups of 3 – 8 pendant luminaires

Optionally for:
3 pendant luminaires max. Ø 400 mm
4 pendant luminaires max. Ø 350 mm
6 pendant luminaires max. Ø 300 mm
8 pendant luminaires max. Ø 250 mm
Synthetic material, painted
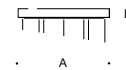
	A	B
13 109　Ceiling distributor, white	420	40
13 110　Ceiling distributor, white aluminium	420	40
13 111　Ceiling distributor, brass colour	420	40

Ceiling distributors · **Round**

For the individual arrangement of pendant groups on request
Metal cover
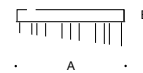
	A	B
13 112　Ceiling distributor, white	450	60
13 113　Ceiling distributor, stainless steel	450	60
13 114　Ceiling distributor, chrome	450	60
13 115　Ceiling distributor, brass	450	60
13 116　Ceiling distributor, white	600	60
13 117　Ceiling distributor, stainless steel	600	60
13 118　Ceiling distributor, chrome	600	60
13 119　Ceiling distributor, brass	600	60

Ceiling distributor · **Square**

For the individual arrangement of pendant groups on request
Metal cover
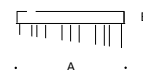
	A	B
13 120　Ceiling distributor, white	450 × 450	60
13 121　Ceiling distributor, stainless steel	450 × 450	60
13 122　Ceiling distributor, chrome	450 × 450	60
13 123　Ceiling distributor, brass	450 × 450	60
13 124　Ceiling distributor, white	600 × 600	60
13 125　Ceiling distributor, stainless steel	600 × 600	60
13 126　Ceiling distributor, chrome	600 × 600	60
13 127　Ceiling distributor, brass	600 × 600	60
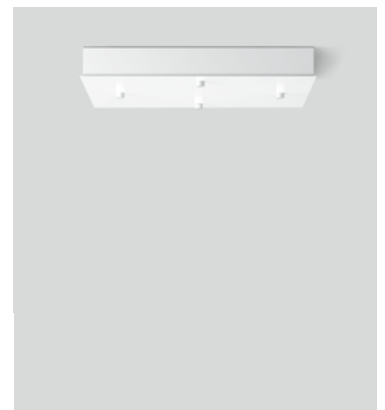
Urban Furniture

The quality of the experience of urban architecture is also influenced by illumination and areas that make people want to stay and spend time in a space. Luminaires and urban furniture for public spaces
have to be fit for purpose for many decades to come.
Our furniture for public and semi-public spaces transforms open spaces into high-quality places to spend time in. The exclusive design with unusual components gives urban districts a unique character.

Public spaces provide plenty of opportunities for encounters. We want to make use of these possibilities. That's why our street furniture creates islands of gathering. As a result, we don't just casually wander through streets, parks and squares: we stop and linger. Using this approach, we create vibrant city centres, company premises and residential developments. Public spaces become an extension of our home.

Our street furniture is robust, durable and sustainable – and extremely attractive. It serves its purpose effectively by blending harmoniously into public spaces, both practically and aesthetically.

Urban furniture · Modular furniture system

The flexible system for freedom of design in urban spaces

Our modules can be combined as needed to create street furniture for public areas that blends seamlessly into its surroundings. They create the perfect atmosphere everywhere from traditional old towns to Mediterranean marinas and botanical gardens.

Our modular street furniture uses sturdy powder coated aluminium and high-quality Accoya® wood. Designed for daily use – and the passage of time. Individual elements can also incorporate light to create a pleasant atmosphere at night.

bega.com/furniture

High table
400 · 800 · 1600 mm
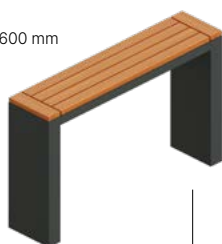
Planter
800 · 1600 mm

Y-switch

Efficient planning

You can use our online configurator to create design concepts that meet human and spatial requirements. The configurator can be used as both a creative tool and an efficient planning system.

build.bega.com

Bench
400 · 800 · 1600 mm

See where you're sitting

Discreet, indirect illumination can identify or emphasise certain areas in the dark.

Ready, set, go

The modules are connected together on site – the individual elements are very easy to install.

Accoya® wood

Bench
400 · 800 · 1600 mm

90° angle

Functional unit

4-way intersection

90° angle

T-module

Bench
400 · 800 · 1600 mm
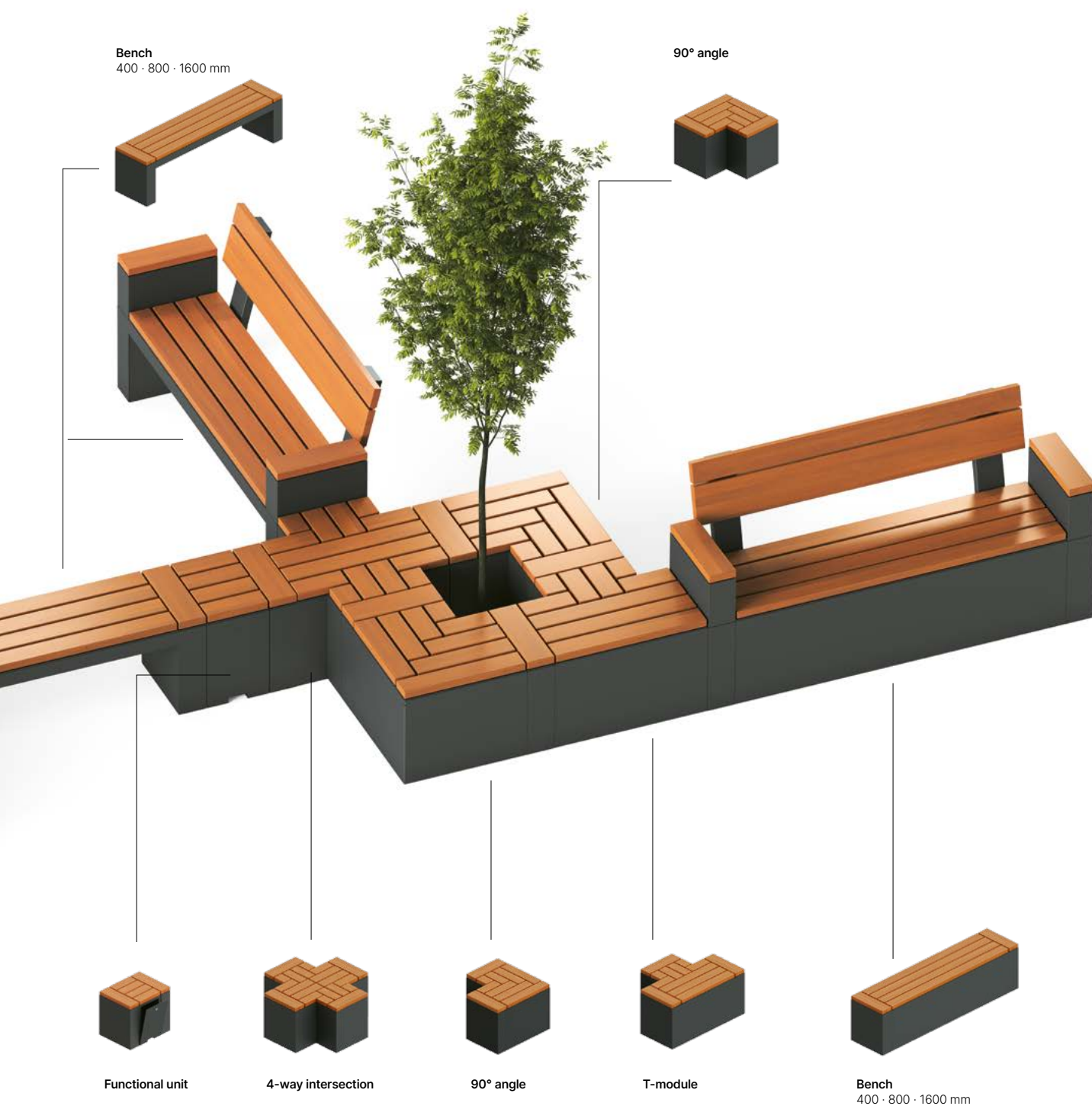
Bench covers for installation on concrete elements on site

Accoya® wood bench covers offer a practical option for transform existing concrete structures into functional and durable seating areas. The premium-quality Accoya® wood is renowned for its stability, weather fastness, and sustainability. The structure is additionally reinforced with powder-coated steel frames and aluminium panels for additional rigidity and a simple, yet elegant, timeless look.

The bench covers are designed for attachment directly on the existing concrete elements.

Bench covers

Accoya® wood

Outer panel
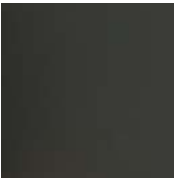
Aluminium
Colour graphite

Bench covers
for installation on concrete elements on site

Accoya® wood seating
Steel frame · Hot-dip galvanised and lacquered
Outer panel made of aluminium

Bench covers made of Accoya® wood for mounting on concrete elements provided by the customer.
The fixing material is to be determined and provided by the customer.

Colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements

	A	B	C
95 057 Without backrest	1600	460	80

• New in the range

Bench covers with backrest
for installation on concrete elements on site

Accoya® wood seating and backrest
Steel frame and bracket · Hot-dip galvanised and powder coated
Outer panel made of aluminium

Bench covers made of Accoya® wood for mounting on concrete elements provided by the customer.
The fixing material is to be determined and provided by the customer.

Colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements
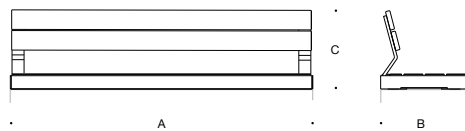
		A	B	C
• 95 058	With full-length backrest without armrests	1600	460	415
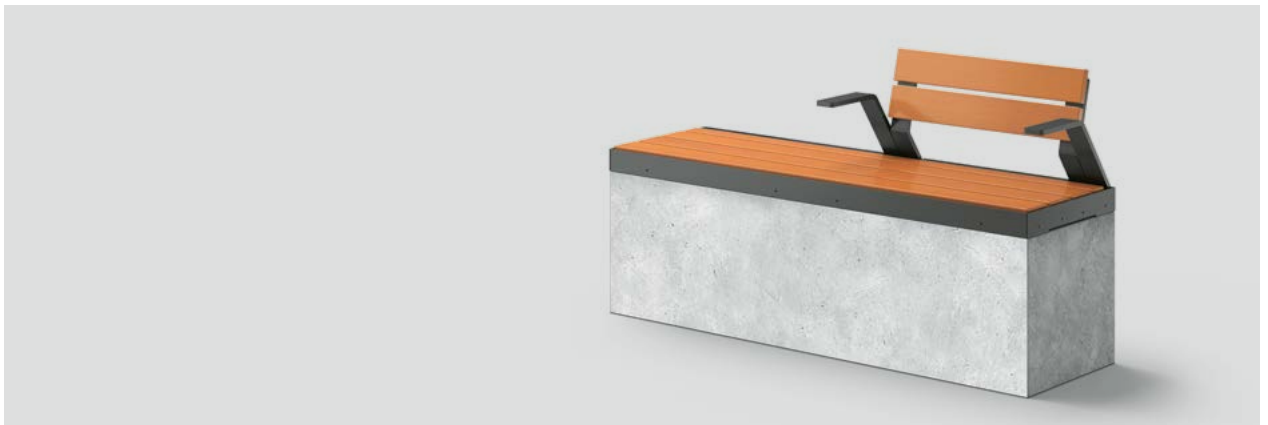
Bench covers with backrest and armrests
for installation on concrete elements on site

Accoya® wood seating and backrest
Steel frame and bracket · Hot-dip galvanised and powder coated
Outer panel made of aluminium

Bench covers made of Accoya® wood for mounting on concrete elements provided by the customer.
The fixing material is to be determined and provided by the customer.

Colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements

		A	B	C
• 95 059	With half backrest and two armrests	1600	460	415

Urban furniture · Outdoor furniture

Our products for semi-public outdoor areas form a coherent series of fixed furniture that can be firmly bolted to the ground. This allows you to create a structure and atmosphere that visitors will remember.
The urban furniture can be combined in a variety of ways.

It is designed with a robust frame made of aluminium and laminated board surfaces. A durable product that is resistant to abrasion, impacts, scratches and large temperature fluctuations.

Tables, square · Rectangular

Page 465
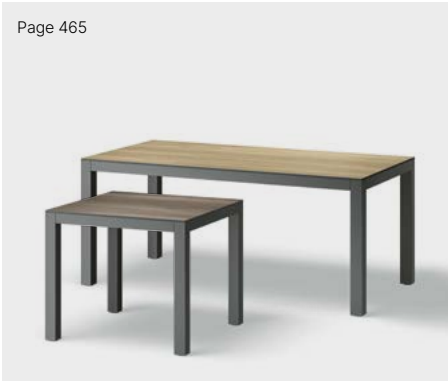
High tables, square · Rectangular

Page 464

Stools, square · Bench, rectangular

Page 465

Tables, oval

Page 467

Tables, round

Page 466

Stools, round · Bench, oval

Page 467

High-pressure laminate HPL

To manufacture HPL sheets, multiple papers soaked in melamine and food-safe phenol resin are joined together under high pressure and heat. The surface created in this way is light-resistant, odour-neutral, easy to clean and can withstand water and alcohol.

Décors
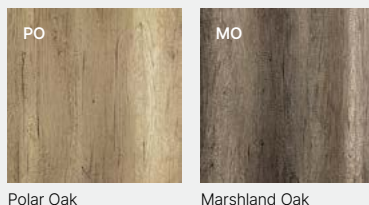
PO	MO
Polar Oak	Marshland Oak

Waste collector

Page 468
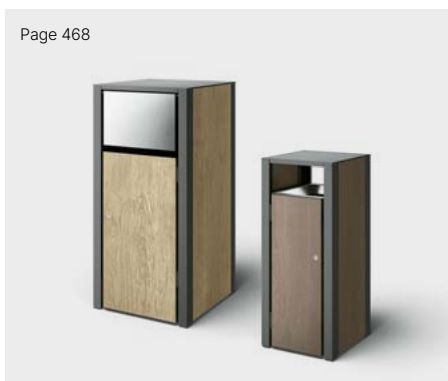
Standing ashtray

Page 468

Planters

Page 469
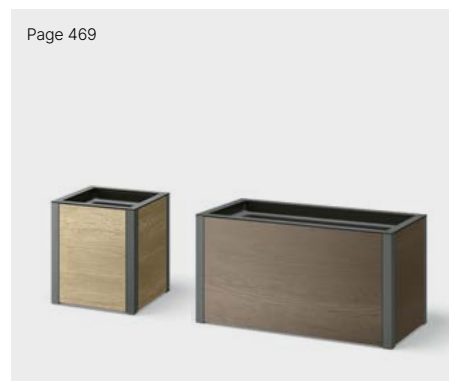
Partition wall

Page 469
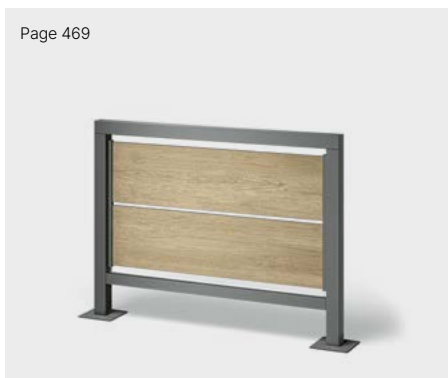
Charging station

Page 470 · 228

You can find other BEGA charging units on Pages 226-231.

Bicycle stand

Page 471

High tables · Rectangular

Aluminium frame
Table tops made of high-pressure laminate (HPL) in two decors
Optionally with mount for a sunshade, reduction sleeve and sealing plug
Fastening material or threaded rods for anchoring in the ground are
included in the scope of delivery.

This urban furniture can be adapted to uneven surfaces using
the integrated levelling system.

Colour · BEGA Unidure® · Graphite

Surface decor
Polar Oak   – article number + **PO**
Marshland Oak   – article number + **MO**

20-year availability guarantee for replacements

Umbrella hole Ø 38 mm
A reduction sleeve for Ø 30 mm
as well as a sealing plug are
included with delivery.

Rectangular			
	A	B	C
95 024 · High table	1800	1100	900

Square			
	A	B	C
95 025 · High table	900	1100	900

Rectangular · With mount for a sunshade			
	A	B	C
95 029 · High table	1800	1100	900

Square · With mount for a sunshade			
	A	B	C
95 028 · High table	900	1100	900

Décors

Polar Oak   Marshland Oak

Tables · Rectangular

Aluminium frame
Table tops made of high-pressure laminate (HPL) in two decors
Optionally with mount for a sunshade, reduction sleeve and sealing plug
Fastening material or threaded rods for anchoring in the ground are
included in the scope of delivery.

This street furniture can be adapted to
uneven surfaces using the integrated levelling system.

Colour · BEGA Unidure® · Graphite

Surface decor
Polar Oak   – article number + **PO**
Marshland Oak – article number + **MO**

20-year availability guarantee for replacements

Umbrella hole Ø 38 mm
A reduction sleeve for Ø 30 mm
as well as a sealing plug are
included with delivery.

Rectangular		A	B	C
95 000	Table	1800	765	900
95 041	Table	2100	765	900

Square		A	B	C
95 001	Table	900	765	900

Rectangular · With mount for a sunshade		A	B	C
95 027	Table	1800	765	900
95 042	Table	2100	765	900

Square · With mount for a sunshade		A	B	C
95 026	Table	900	765	900

Benches and stools

Aluminium frame
Seats made of high-pressure laminate (HPL) in two decors
Fastening material or threaded rods for anchoring in the ground are
included in the scope of delivery.

This urban furniture can be adapted to uneven surfaces using
the integrated levelling system.

Colour · BEGA Unidure® · Graphite

Surface decor
Polar Oak   – article number + **PO**
Marshland Oak – article number + **MO**

20-year availability guarantee for replacements

Bench · Rectangular	A	B	C
95 002	1440	455	400
95 043	1740	455	400

Stool · Square	A	B	C
95 003	400	455	400

Tables · Round

Aluminium frame
Table tops made of high-pressure laminate (HPL) in two decors
Optionally with mount for a sunshade, reduction sleeve and sealing plug
Fastening material or threaded rods for anchoring in the ground are included in the scope of delivery.

This urban furniture can be adapted to uneven surfaces using the integrated levelling system.
Matching base plates are available separately for setting up the furniture without mounting.

Colour · BEGA Unidure® · Graphite

Surface decor
Polar Oak   – article number + **PO**
Marshland Oak – article number + **MO**

20-year availability guarantee for replacements
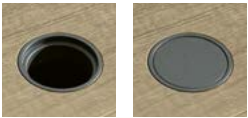
Umbrella hole Ø 38 mm
A reduction sleeve for Ø 30 mm
as well as a sealing plug are
included with delivery.

Round		
	A	B
95 047	Ø 900	765

Base plate	
	A
71 360	Ø 600

Round · With mount for a sunshade		
	A	B
95 048	Ø 900	765

Base plate	
	A
71 360	Ø 600

Dekore

PO
Polar Oak

MO
Marshland Oak
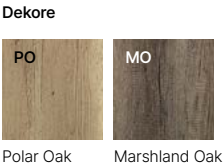
Base plates

This urban furniture can be adapted to uneven
surfaces using the integrated levelling system.
Matching base plates are available separately
for setting up the furniture without mounting.
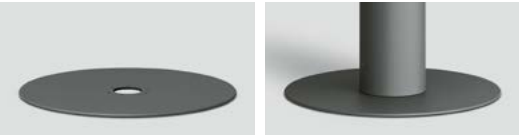
Tables · Oval

Aluminium frame
Table tops made of high-pressure laminate (HPL) in two decors
Optionally with mount for a sunshade, reduction sleeve and sealing plug
Fastening material or threaded rods for anchoring in the ground are included in the scope of delivery.

This urban furniture can be adapted to uneven surfaces using the integrated levelling system.
Matching base plates are available separately for setting up the furniture without mounting.
Two base plates are required for the oval tables.

Colour · BEGA Unidure® · Graphite

Surface decor
Polar Oak   – article number + **PO**
Marshland Oak   – article number + **MO**

20-year availability guarantee for replacements

Umbrella hole Ø 38 mm
A reduction sleeve for Ø 30 mm
as well as a sealing plug are
included with delivery.

Oval	A	B	C		Base plate	Ø
95 045	2340	765	900		**71 360**	600

Oval · With mount for a sunshade	A	B	C		Base plate	Ø
95 046	2340	765	900		**71 360**	600

Benches and stools

Aluminium frame
Seats made of high-pressure laminate (HPL) in two decors
Fastening material or threaded rods for anchoring in the ground are
included in the scope of delivery.

This urban furniture can be adapted to uneven surfaces using the
integrated levelling system. Matching base plates are available
separately for setting up the furniture without mounting.
Two base plates are required for the oval benches.

Colour · BEGA Unidure® · Graphite

Surface decor
Polar Oak   – article number + **PO**
Marshland Oak   – article number + **MO**

20-year availability guarantee for replacements

Bench · Oval	A	B	C		Base plate	A
95 049	1840	450	400		**71 361**	Ø 360

Stool · Round	A	B	C		Base plate	A
95 050	400	450	400		**71 361**	Ø 360
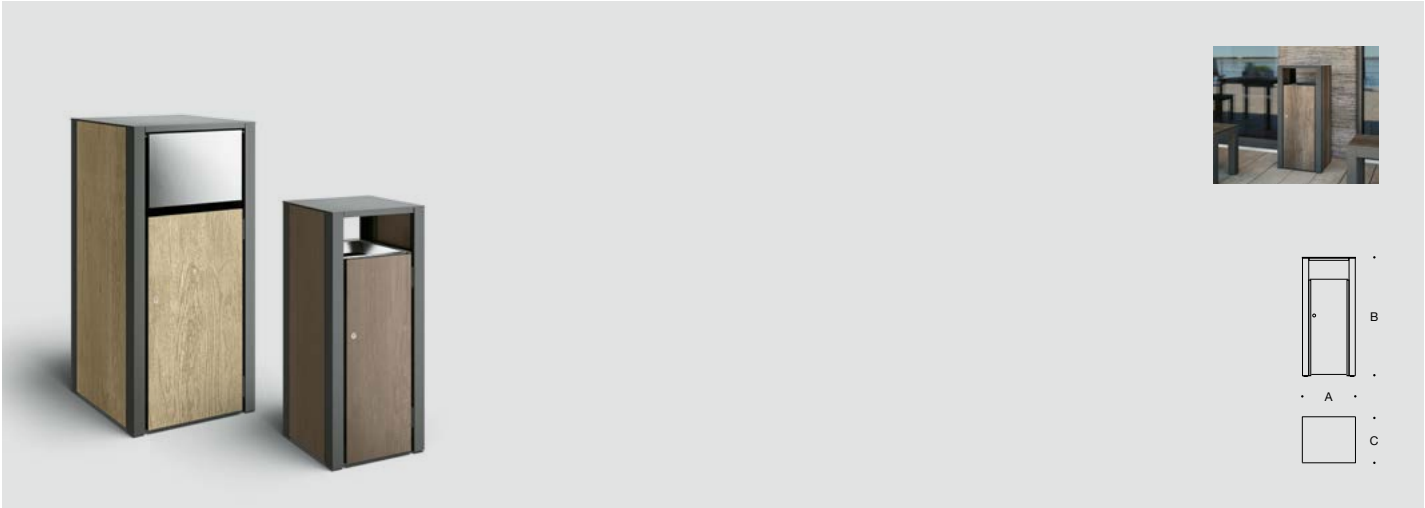
Waste collector

Luminaire frame and cover made of aluminium
High-pressure laminate (HPL) in two decors
Lockable door with triangular lock for triangle socket key

95 009 Inner container made of powder coated, galvanised sheet steel

95 004 with stainless steel flap lid Inner container made of powder coated aluminium

Colour · BEGA Unidure® · Graphite

Surface decor
Polar Oak   – article number + **PO**
Marshland Oak – article number + **MO**

20-year availability guarantee for replacements

Without flap lid				
	Capacity	A	B	C
95 009	50 l	450	1000	390

With flap lid				
	Capacity	A	B	C
95 004	100 l	600	1215	520

Standing ashtray

Luminaire frame and cover made of aluminium
High-pressure laminate (HPL) in two decors
Lockable, removable ashtray made of stainless steel

Colour · BEGA Unidure® · Graphite

Surface decor
Polar Oak   – article number + **PO**
Marshland Oak – article number + **MO**

20-year availability guarantee for replacements

	A	B	C
95 005	280	805	280
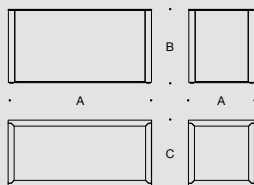
Planters

Aluminium frame · High-pressure laminate (HPL) in two decors

Planter insert made of powder coated, galvanised sheet steel
95 006 Synthetic plant insert

Colour · BEGA Unidure® · Graphite

Surface decor
Polar Oak   – article number + **PO**
Marshland Oak – article number + **MO**

20-year availability guarantee for replacements

Rectangular				
	Capacity	A	B	C
95 006	190 l	1205	620	560
• **95 053**	550 l	1830	610	915

Square				
	Capacity	A	B	C
95 007	130 l	560	620	560
• **95 052**	400 l	915	915	915
• **95 051**	700 l	1220	1220	915

• New in the range
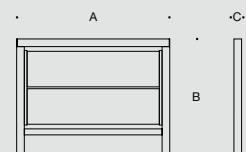
Partitions

Aluminium frame
High-pressure laminate (HPL) in two decors
Optionally with screw-on base or anchorage section

Colour · BEGA Unidure® · Graphite

Surface decor
Polar Oak   – article number + **PO**
Marshland Oak – article number + **MO**

20-year availability guarantee for replacements

With screw-on base			
	A	B	C
95 008	1400	1050	70

With anchorage unit			
	A	B	C
95 021	1400	1050	70

Charging station
for installation on the ground

Protection class IP 54
Aluminium
High-pressure laminate (HPL) in two decors
For all e-vehicles with type 2 plug in accordance with IEC 62196
Compliant with calibration regulations

For a safe electrical connection of the charging unit, we recommend the separately available connection box 71306 with residual current automatic cutout and surge protection.
For the double charging unit, two connection boxes must be ordered.
For more information about BEGA connection boxes, see Page 449.

All technical data can be found in the product data sheet on our website.

These BEGA charging stations are equipped with an alignable mounting system.
It can either be bolted onto an existing foundation or a BEGA anchorage unit.
Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour · BEGA Unidure® · Graphite

Surface decor
Polar Oak   – article number + **PO**
Marshland Oak – article number + **MO**

20-year availability guarantee for replacements

You can find other BEGA charging units on Pages 226–231.
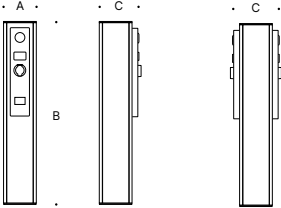
Single charging station				Anchorage unit	Connection box
	A	B	C		
95 023 max. charging output 22 kW	270	1505	340	**70 897**	**71 306**

Double charging point				Anchorage unit	Connection box
	A	B	C		
95 020 max. charging output 2×22 kW	270	1505	415	**70 897**	**71 306**

Bicycle stand

Steel · Hot-dip galvanised and lacquered

The bicycle stand can be bolted onto an on-site foundation or fastened via an in-ground BEGA anchorage unit.
Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements
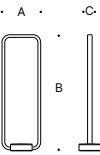
Bicycle stand made of steel				Anchorage unit
	A	B	C	
• **95 054**	280	840	30	**71 364**
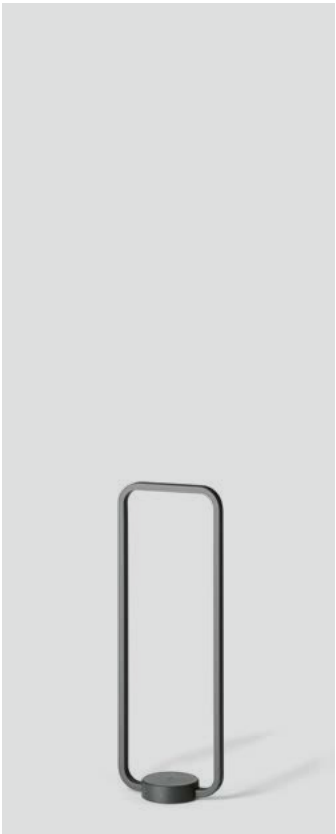
Bicycle stand

Aluminium

The bicycle stand can be bolted onto an on-site foundation or fastened via an in-ground BEGA anchorage unit.
Please order anchorage units as separate accessories.
For more information about BEGA anchorage units, see Page 447.

Colour · BEGA Unidure® · Graphite

20-year availability guarantee for replacements
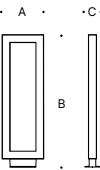
Bicycle stand made of aluminium				Anchorage unit
	A	B	C	
95 044	300	960	55	**71 351**

Electrical safety

The luminaires in this catalogue are designed and manufactured on the basis of the IEC/EN 60598 (VDE 0711) regulations. The majority of the luminaires bear the corresponding test symbol. The remaining luminaires have been or will be submitted for testing, but the certification and approval procedure has not yet been completed. Please feel free to contact us at any time for news about the current state of the approvals.
Custom-made products are manufactured on the basis of the above-mentioned standard.
All luminaires are subject to continuous production monitoring and quality inspection.

Special electrical equipment
Emergency lighting

We will be happy to inform you about the options and costs if you wish to integrate our luminaires in emergency escape lighting systems in compliance with DIN VDE 0108-100, or prepare them for connection to a central battery system or emergency lighting system.

Safety symbols

The ENEC symbol (European Norms Electrical Certification) is a European test and certification symbol for luminaires and electrical components in luminaires.
The number 10, with or without the VDE symbol, signifies that the test/certification symbol was issued by the VDE Institute for Testing and Certification.

Luminaires with this symbol have passed a ball impact test and are therefore suitable for use in sports facilities.

Due to their limited surface temperatures, luminaires bearing this symbol are suitable for business premises where dust or fibrous material present a fire hazard (VDE 0711 · Part 2 - 24).

Luminaires bearing this symbol must not be in direct contact with thermal insulating materials.
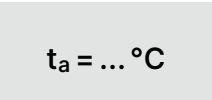
The $t_a = ...°C$ symbol in accordance with IEC/EN 60598 (VDE 0711) indicates the permissible ambient temperature at which a luminaire may be operated. Our luminaires are generally designed for an ambient temperature of $t_a = 25°C$, i.e. for indoor use.
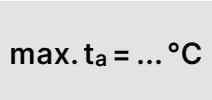
The max. $t_a = ...°C$ symbol indicates the maximum ambient temperature at which a luminaire may be operated.

The CE symbol is affixed at the manufacturer's responsibility and is not a safety symbol. The manufacturer uses it to document conformity with European Union directives.

The number alongside the CE symbol indicates that an inspection and certification body checks compliance with the guidelines.

Our urban furniture are certified by the independent certification body TÜV Rheinland. We are happy to provide you with the corresponding certificates on request.
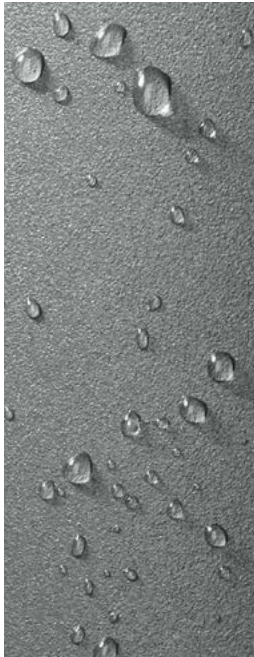
Protection classes

These classes provide information on a luminaire's stability in withstanding the penetration of dust, solid foreign bodies and water in accordance with IEC/EN 60598 (VDE 0711). The relevant protection class IP (International Protection) is marked on the luminaire in accordance with the IEC 529 coding system.

Protection against foreign objects

IP 1x	Protection against ingress of solid objects ≥ 50 mm
IP 2x	Protection against solid objects ≥ 12 mm
IP 3x	Protection against solid objects ≥ 2.5 mm
IP 4x	Protection against solid objects ≥ 1 mm
IP 5x	Dust protected
IP 6x	Dust-tight

Water protection

IP x1	Protected against vertically dripping water
IP x2	Protected against drops of water falling at angles up to 15°
IP x3	Protected against spray water falling at angles up to 60°
IP x4	Protected against splashing water
IP x5	Protected against water jets
IP x6	Protected against strong water jets
IP x7	Protected against occasional immersion
IP x8...m	Protected against continuous immersion
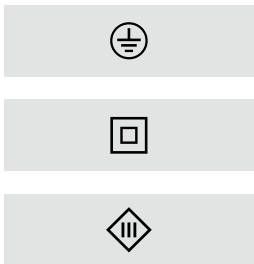
Safety classes

Safety class I designates luminaires with an earth connection.
In the event of a fault, the power supply is switched off by overload/residual current protective devices.

Safety class II designates luminaires that have not only functional insulation but also additional protective insulation. Under fault conditions, no dangerous voltage can reach metal parts which can be touched. Many safety class I luminaires are also available in safety class II. Please contact us.

Safety class III indicates luminaires for safety extra-low voltage.
Connection only to safety transformers in accordance with EN 61558/VDE 0570, EN 61347/VDE 712 or VDE 0100 Part 410. The transformer must be approved for this type of installation.
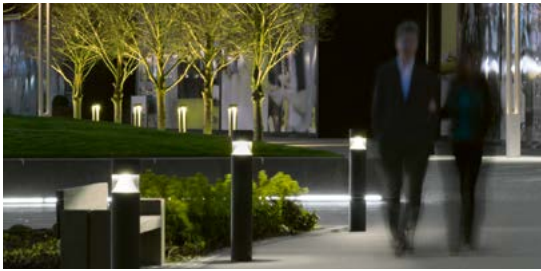
Light distribution curves, illumination diagrams and isolux diagrams

Careful planning work is required to solve lighting tasks. The necessary information about the properties of luminaires is given in light distribution curves, illumination diagrams and isolux diagrams.
The following section provides basic explanations and clarifications on this topic.

You can find lighting diagrams and other planning aids on our website www.bega.com under the specific article number of the luminaire.

Light distribution curves

Light distribution curves specify the direction and intensity of the light emitted by a luminaire. The absolute luminous intensity value in candela (cd) for LED luminaires is obtained through the multiplication of the value read off the diagram in cd/klm by the luminaire luminous flux in kilolumen (klm).

Light distribution curves are usually presented in a polar coordinate system (Fig. 1).

For floodlights, the light distribution is specified in Cartesian coordinates (Fig. 2).

In the diagrams, the half beam angles are indicated:
continuous line (C0–C180 · β = 32°) and
dotted line (C90–C270 · β = 88°).

The luminous intensity values are plotted on the vertical axis and the beam angles on the horizontal axis.
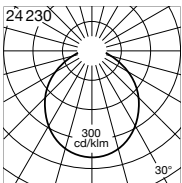
Fig. 1
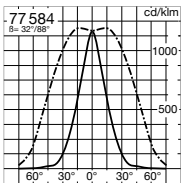
Fig. 2

Illumination diagrams

Illumination diagrams for floodlights (Fig. 3) indicate the dimensions of the area bounded by the two half beam angles (Fig. 4) and the average degree of illuminance of this area in relation to the distance. Using the parameters "floodlight – area – horizontal axis" it is possible to take the following readings:

• The height – continuous line
 (C0–C180 · β = 27°) – and the width – dotted line (C90–C270 · β = 76°) – of the limited area on the vertical axis on the right

• The average degree of illuminance (parabola) in lux on the vertical axis on the left
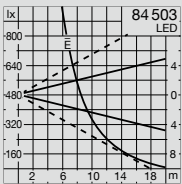
Fig. 3
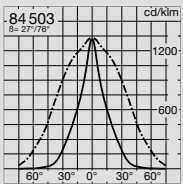
Fig. 4

Determining the distance of a floodlight from the illuminated surface using an illumination diagram
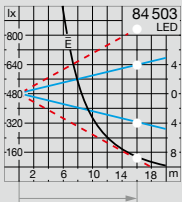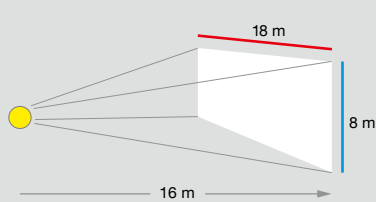
Distance from the floodlight to the surface: 16 m

The façade to be illuminated has a height of 8 m (blue line) and a width of 18 m (red line).
The high-performance floodlight 84 503 with flat beam light distribution has a half beam angle of 27° and 76°.
At a distance of 16 m, the half beam angles cover the dimensions of the façade exactly.
The parabola states the mean degree of illuminance on the illuminated surface in lux.

These values can be read from the left vertical axis of the illumination diagram. The average degree of illuminance on this reference surface is therefore 150 lx.
Changes in the distance between the floodlights influence not only the average degree of illuminance but also the size of the illuminated surface. It must be noted that the diffuse light illuminates more than the previously calculated surface. As a result, even the peripheral areas of a slightly larger façade would still be well-illuminated.
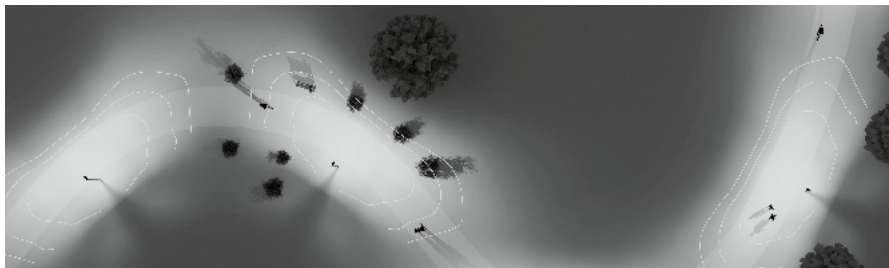
Planning aids

We can provide planning aids in various formats in order to optimise your planning of our luminaires in your projects. You can find these files on every product page on the BEGA website by clicking on the article number under the "Downloads" tab in the "Planning aids" section.

DIALux, the light planning software for the professional planning, calculation and visualisation of light, is available free of charge from the website of the German Institute for Applied Lighting Technology (DIAL).

On our website you will find the data of our luminaires for use in your DIALux projects. DIALux files for downloading as .uld files are available on our product pages. Using the transfer link you can apply the data directly in the currently opened project. Planning data for the entire BEGA delivery range can also be accessed directly in DIALux by installing our plug-in. Once the DIALux plug-in has been installed, the data can be updated from within the plug-in window by using the integrated update mechanism.

We provide our product data as parametric objects for **"Building Information Modelling" (BIM) software.**
You can currently find families for **Autodesk Revit** from version 2020 upwards in German and English on our website. The families contain not only 3D models and photometric data but also extensive additional details of our products which are continuously updated. As an additional option, you can download the pure geometries as **3D DXF data.**

Find out more at bega.com/planningaids

Isolux diagrams

Isolux diagrams (Fig. 5) specify the distribution of the degree of illuminance on an illuminated surface. Points with the same degree of illuminance are connected by curves (isolux lines). The luminaire is perpendicular to the drawing plane at the mounting height (H) above the coordinate origin. The mounting height or the corresponding pole height is indicated depending on the type of luminaire. In the case of luminaires with rotationally symmetrical light distribution, the resulting isolux lines are concentric circles.

The light point interval is approximately twice the distance at which the isolux line runs at half the value of the desired minimum illuminance.

Example:
In the isolux diagram shown, the 0.5 lx line runs laterally at a distance of 15 m from the coordinate origin. If a path is to be illuminated ($E_{min} \geq 1\,lx$), then a light point spacing of approx. 30 m must be selected.
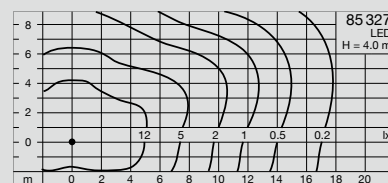
Fig. 5

Determining the luminaire spacing "a" for pathway lighting
of $E_{min} = 1$ lx on the basis of the isolux diagram
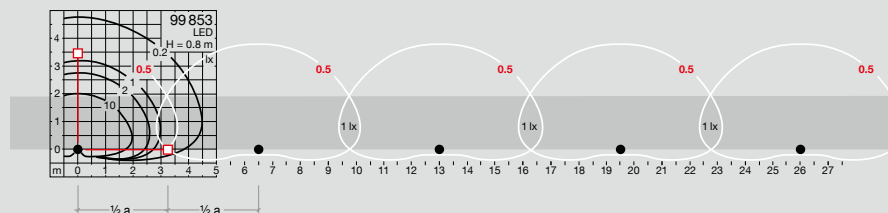
When planning pathway lighting, 1 lx is defined as the standard minimum degree of illuminance. Consequently, the 0.5 lx line in the isolux diagram is relevant for determining the luminaire spacing. This 0.5 lx must add up to a degree of illuminance on the assessed surface of 1 lx to define the luminaire spacing. This results in light point spacing of 6.5 m. During planning, local

conditions such as the colour and characteristics of the ground must also be taken into consideration. These factors have a significant influence the reflective behaviour of light and can lead to the impression of insufficient illumination even when the degree of illuminance meets the standards. An illumination test at the installation site is therefore recommended for optimal planning results.

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