



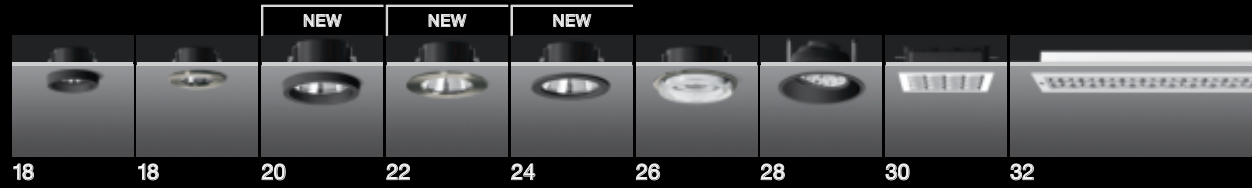
BEGA

BEGA

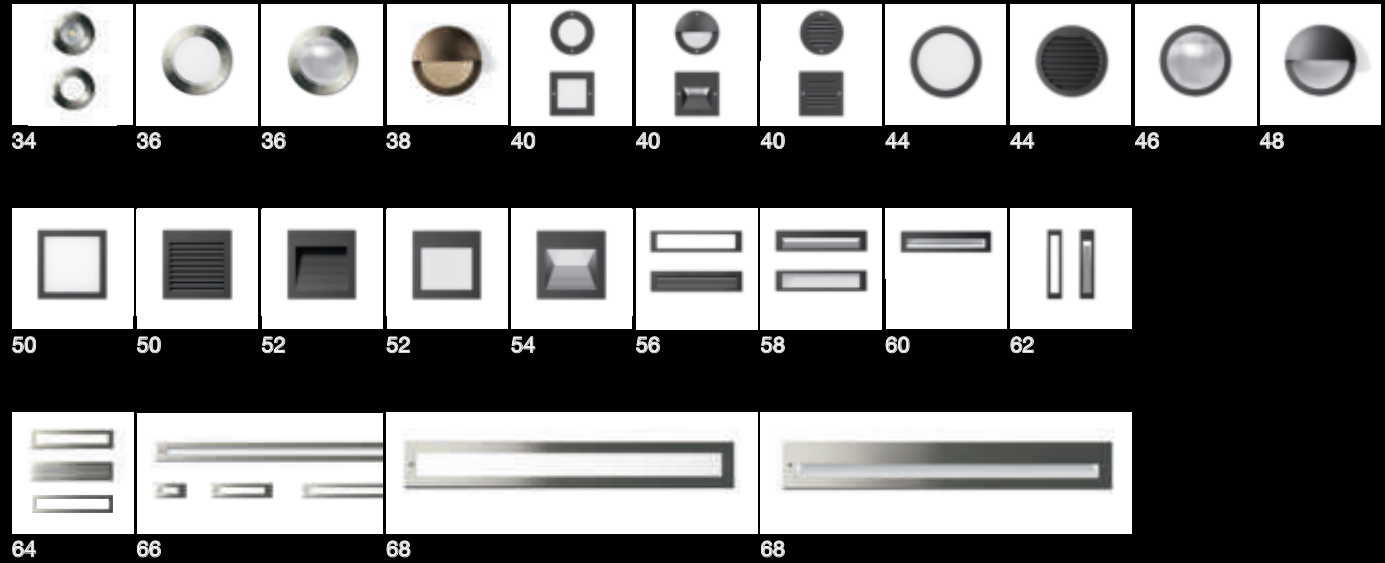
Das gute Licht.

Outdoor luminaires

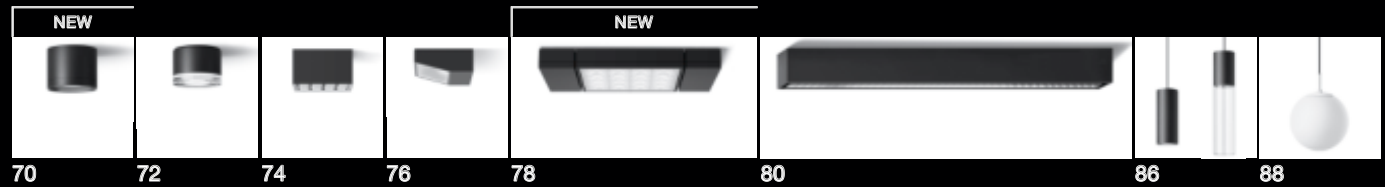
Recessed ceiling luminaires



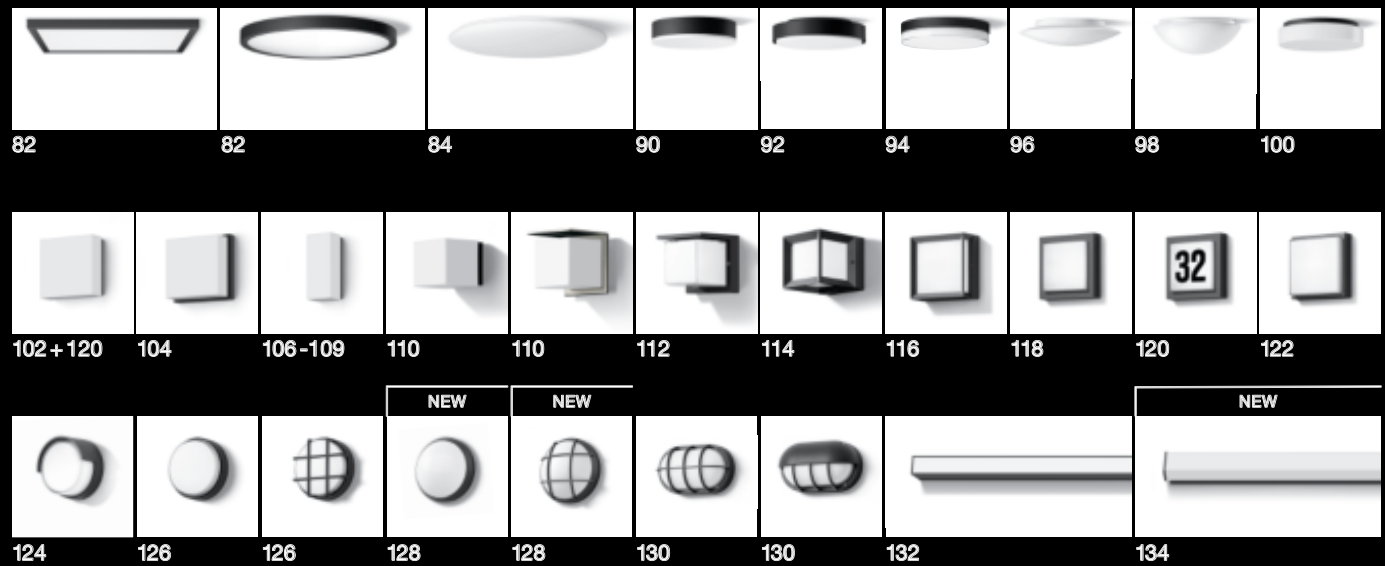
Recessed wall luminaires



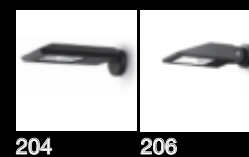
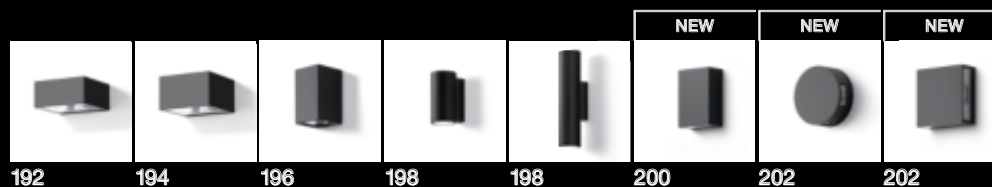
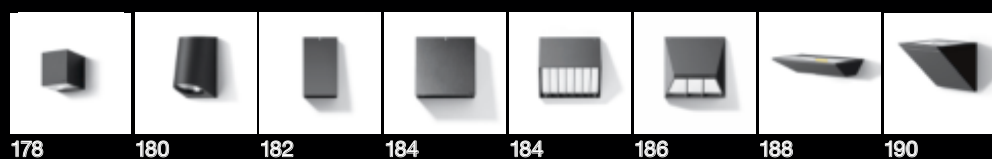
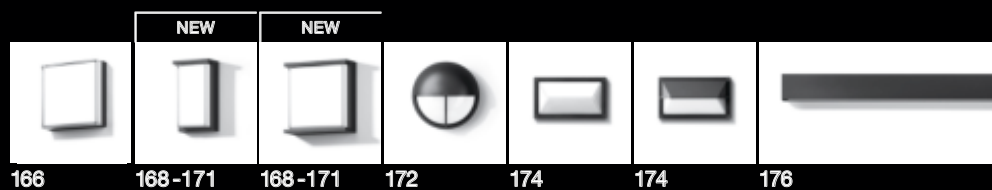
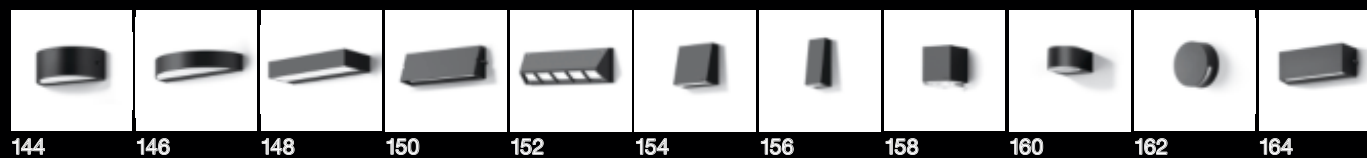
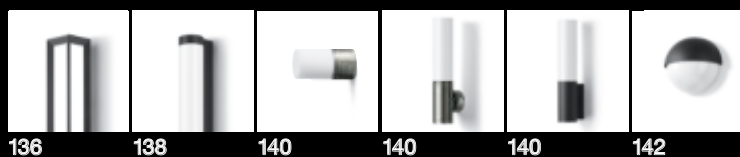
Ceiling luminaires · Downlights Pendant luminaires



Ceiling and wall luminaires Large-area luminaires Light Brick – Lichtbaustein®



Wall luminaires



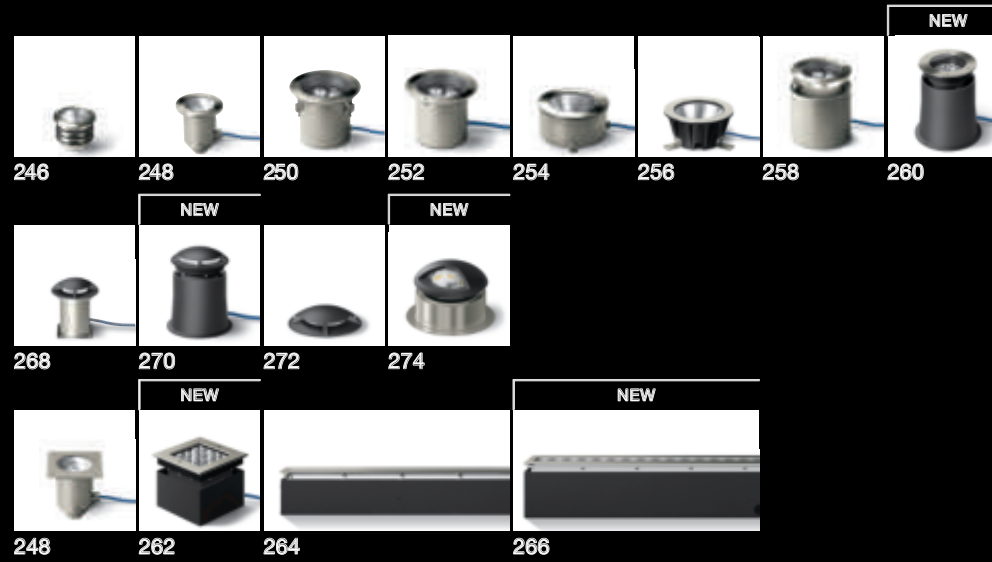
Floodlights
Façade floodlights



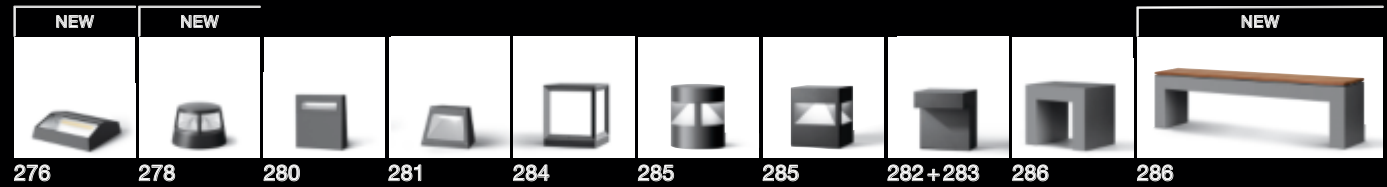
Swimming pool luminaires
Underwater floodlights

Outdoor luminaires

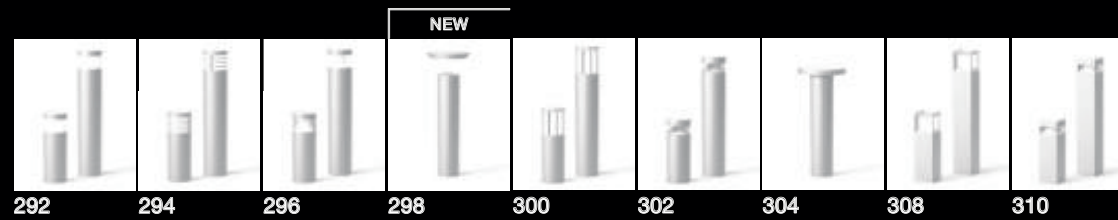
Drive-over in-ground luminaires



On-ground luminaires Light design elements



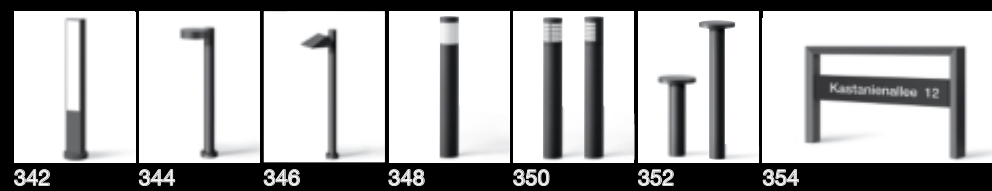
LED system bollards



Bollards



Garden and pathway luminaires Indication luminaires





BEGA Plug & Play

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Garden and pathway luminaires for the private sector

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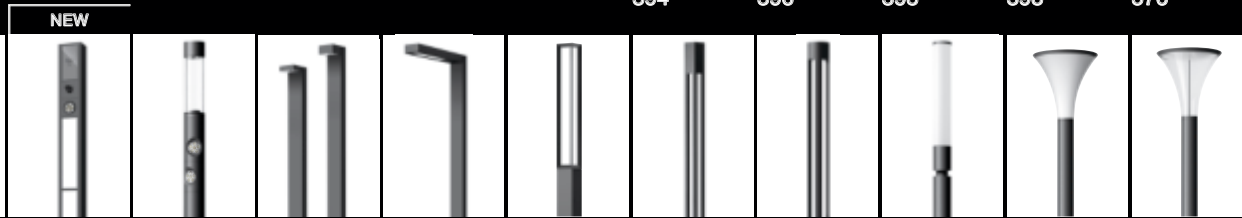


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**Connecting pillars
BEGA Outdoor WiFi
Powerline adapter**

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Light building elements

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Pendant luminaires for
catenary systems**

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Recessed wall luminaires



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Wall luminaires



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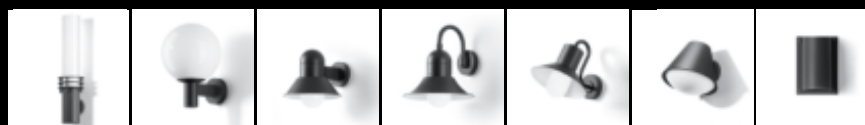
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Ceiling and wall luminaires



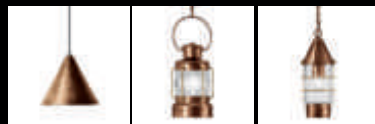
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NEW

Pendant luminaires



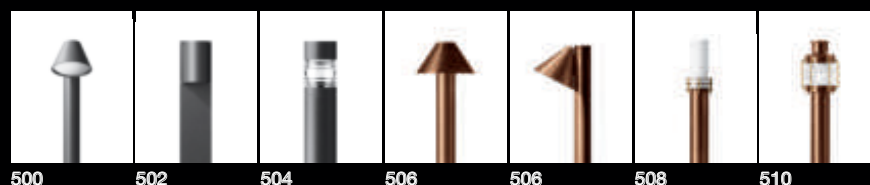
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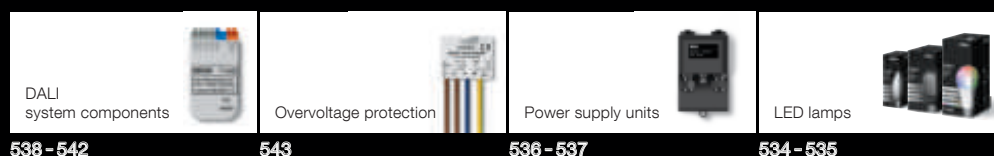
Pillar luminaires



Garden luminaires



Pole-top luminaires



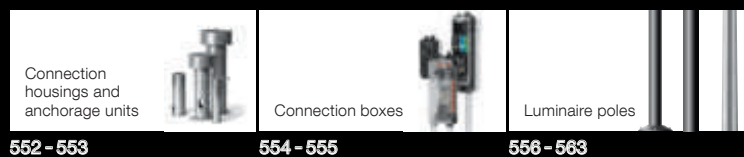
DALI system components
Overvoltage protection
Power supply units
LED lamps

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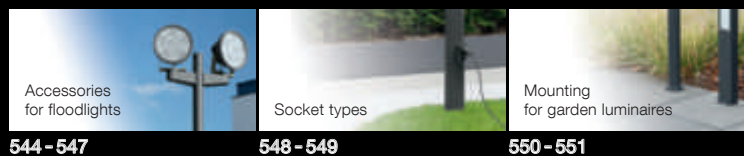


Connection housings ·
Anchorage units
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About us and “das gute Licht”

For nearly 75 years now, BEGA has been developing and producing high-quality luminaires for almost all areas of interior and exterior architecture. These years have given rise to products whose ideas and trademarks have become generic terms for countless luminaires throughout the industry. We have carried the Light Brick – Lichtbaustein® trademark for more than 60 years, for example.

For more than 40 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. We know the extreme conditions which 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. We have created the perfection conditions for the production of our luminaires ourselves. They were not the consequence of any set of rules, but the result of our learning process as an integral part of our notions of quality. Know-how, experience and a constant willingness to learn define our daily approach to the development of new luminaires and new product ideas. Long before the term sustainability became a mere advertising slogan, we attached importance to careful design and the intelligent use of our raw materials.

Sustainable resource management and the creation of exemplary production facilities for both the workforce and the environment have been our basic entrepreneurial principles from the start, not just a prescribed element of our philosophy as is the case with many modern companies. For a long service life and operational reliability, our care in development and manufacture must also be continued in expert installation and maintenance by the electrical trade. Our daily work is determined by our high standards in lighting technology, workmanship and usability as well as in the aesthetic quality of our luminaires. Our common goal is to create durable assets that are designed to stand the test of time for decades to come.

Our luminaires are intended to fit in harmoniously as good construction details and as part of the architecture, and perform their tasks for many years. Their light should underline a building's architecture, create an atmospheric or striking scene or maintain its appearance at night. Our luminaires are lighting tools for the diverse design ideas of all those who plan and design with light.



BEGA

Our LED technology

Decades of experience have taught us the quality that is demanded of our luminaires. This knowledge results in the continuous improvement of our products. This commitment to a high level of quality applies similarly to our LED technology. When processing and selecting our LED components, we consistently follow our own ideas and are not guided by standard market criteria. We have established all the necessary conditions to this end, including the latest manufacturing processes.

All BEGA LED luminaires are supplied with tailor-made modules from our own production line.

We have control over all the materials used and therefore are not forced to enter any compromises. We alone determine all the essential factors such as light output, light colour and the thermal management of a luminaire, and we have a direct influence on quality as a result.

Our LED modules are expected to reach the maximum possible service life.

With this in mind, we are committed to using components of the highest quality, made exclusively of ageing-resistant materials.

For this reason, we consistently refrain from using wearing parts such as light-directing plastic lenses in our optical systems.

Instead, we prefer durable materials such as glass, silicone or aluminium.

The ageing of electronic components, especially light-emitting diodes, depends on the temperatures to which they are exposed during operation.

The higher the component temperature, the shorter the anticipated service life.

In the development of our luminaires, therefore, thermo-management represents a great challenge.

In addition to using high-grade components, we have also made design-related changes which contribute to favourable temperature conditions inside the luminaires. This results in a significant extension of LED service life.

At the same time, electronic protective devices help to prevent the individual components from overheating. We have taken a decidedly conservative approach to temperature control in our luminaires – values remain far below the maximum temperatures for LED modules.

Our LED modules are designed for a service life of at least 50,000 operating hours. Depending on the ambient temperature, however, these values may be significantly higher. On our website you will find data sheets with information on the LED service life of each luminaire in relation to the respective colour temperature and ambient temperature.



Replacement and 20-year availability guarantee

What happens when an LED comes to the end of its service life? Where can you obtain a replacement for this electronic component?

Do customers have to seek out new modules, or replace luminaires or entire lighting systems themselves?

We have not yet found answers from either external module suppliers or luminaire manufacturers that meet our understanding of corporate responsibility. We have come up with a solution to this problem for our customers.

Today you will already find a lamp designation in every LED luminaire, providing exact details of the installed modules. Furthermore, our in-house production will enable us to deliver matching LED modules for many years to come.

We guarantee our customers that we will continue to supply replacement modules up to 20 years after the purchase of an LED luminaire.

Perhaps the technology and design of the components will have changed by then, but in their light colour and output, the replacements will definitely match the originally installed LED modules.

Our LED luminaires are designed to enable these components to be replaced easily on site using standard tools.

Suitable precautions have already been taken to protect against electrostatic discharge and accidental polarity reversal of the electronic components.

The safe and economical further use of your LED luminaires is thus assured.

Technical parameters for LED luminaires

Our technical terms for LED luminaires are predominantly based on the ZVEI definitions, although we sometimes use other terms for the sake of clarity.

You can find a thorough explanation of the most important technical parameters for LED luminaires on our website.

BEGA AC module

We have developed the BEGA AC module specifically for luminaires with limited installation space. This module is connected directly to a 230V power supply and has a colour rendering index of (CRI) > 80 and a colour temperature of 3000K.



Our technologies for protective thermal management and optimal component protection

Electronic components can be very temperature-sensitive and 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.

Thermal stress also leads to significant reductions in service life.

We dedicate a great deal of attention to this matter and are continually improving the quality of our components and the protective devices in our luminaires.

BEGA Thermal Management® and BEGA Ultimate Driver® are protected trademarks. They guarantee thermal protective devices and power supply units of the highest quality.

BEGA Thermal Management® consists of two protection levels: BEGA Thermal Switch® and BEGA Thermal Control®.

Which protective device is installed in each case depends on the luminaire type and its primary use. You can find data sheets for all luminaires on our website.

These contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on the use of BEGA Thermal Management®.



Designed for ambient temperatures of $t_a = 55^\circ\text{C}$:
For LED compact floodlight 77 680, see Page 211.



BEGA Thermal Switch®

To protect the luminaire from overheating due to excessive ambient temperatures, luminaires with the BEGA Thermal Switch® have a thermal cut-off which protects temperature-sensitive components by switching them off temporarily.

BEGA Thermal Control®

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

BEGA Ultimate Driver®

BEGA Ultimate Driver® is a power supply unit that was developed according to the strictest BEGA quality criteria, distinguished by countless unique features including: optimal regulation thanks to BEGA Thermal Management®, an impressive service life, high dielectric strength, maximum robustness thanks to an extremely sturdy construction, efficient overvoltage protection, low inrush current, flicker-free operation.



Our optical systems featuring the highest lighting quality

The longevity of BEGA products, the highest possible quality and a sense of responsibility are just some of our core values. And we develop our optical systems according to these values.

The consistent use of the highest quality components is just as much a part of our philosophy of sustainability as the 20-year availability guarantee for LED modules.

Maximising the efficiency of light deflection is another important factor for certain lighting requirements.

We have optimised the light deflection in our luminaires through the perfect interaction between our LED modules with precisely calculated and refined reflectors and optical lenses made of ultra-clear silicone.

BEGA Hybrid Optics® and BEGA Vortex Optics® are protected trademarks with technologies we believe in and rely on to develop long-lasting, wear-resistant optical systems with the highest lighting quality.

Luminaires with these optical systems feature a higher efficiency of light deflection compared with conventional light deflection methods, in which much of the light leaves the luminaire without being deflected.

You can find data sheets for all luminaires on our website. They provide information on all luminaire data and on the use of BEGA Hybrid Optics® and BEGA Vortex Optics®.



BEGA Hybrid Optics®



BEGA Hybrid Optics®

BEGA Hybrid Optics® offers complete lighting control thanks to optimum refraction and reflection. Precisely calculated reflectors with a surface made of pure aluminium and lenses made of ultra-clear silicone or glass capture nearly every beam of light from the LED modules. The interplay between lens and reflector technologies achieves maximum efficiency of use.

BEGA Vortex Optics®

BEGA Vortex Optics® features newly developed twisted reflectors with a surface made of pure aluminium. The more intense concentration of the light enables perfect light deflection. This makes it possible to achieve optimal light distribution without artefacts. Thanks to excellent glare control, BEGA Vortex Optics® offers outstanding visual comfort. The interaction with the LED modules produces extraordinary lighting results.

BEGA Vortex Optics®



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[®] is a protected trademark encompassing two technologies for the efficient protection of metal surfaces.

These technologies enable us to achieve surface protection of the highest quality.

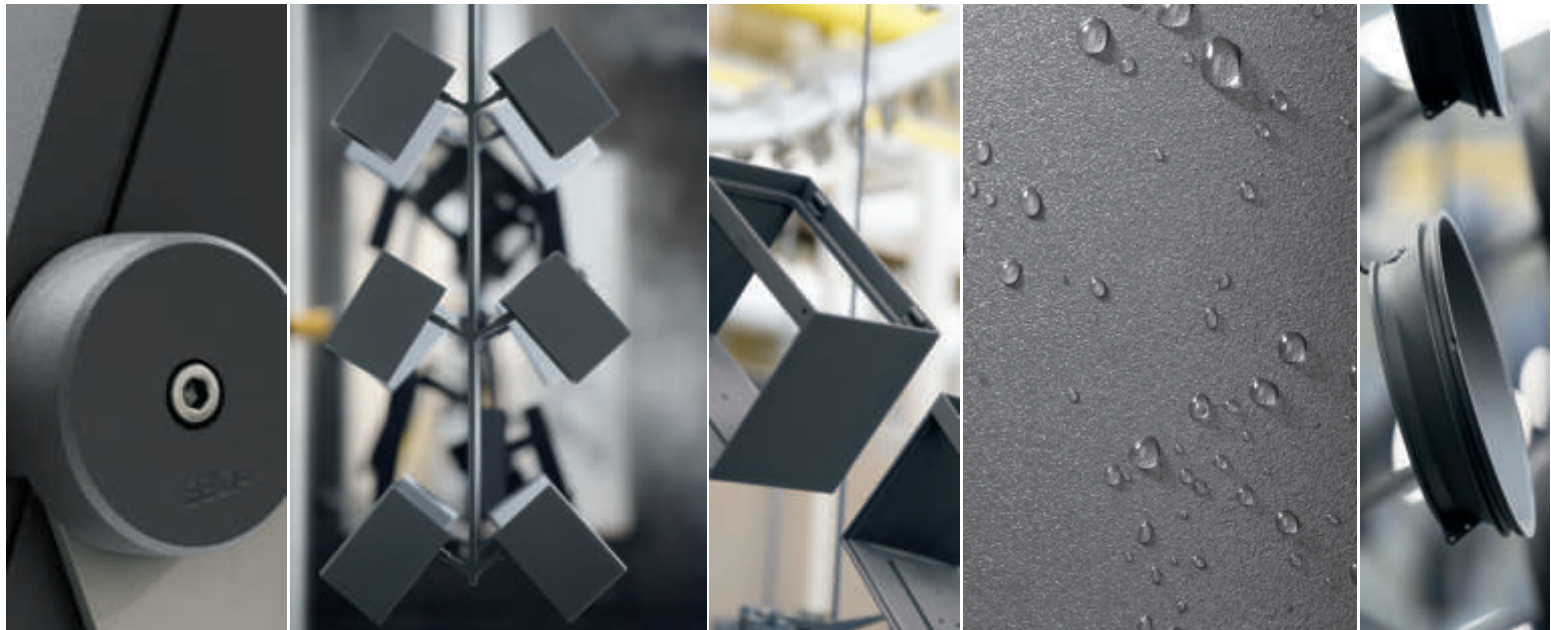
You can find data sheets for all luminaires on our website. They provide information on all luminaire data and the use of BEGA Coating Technology[®].

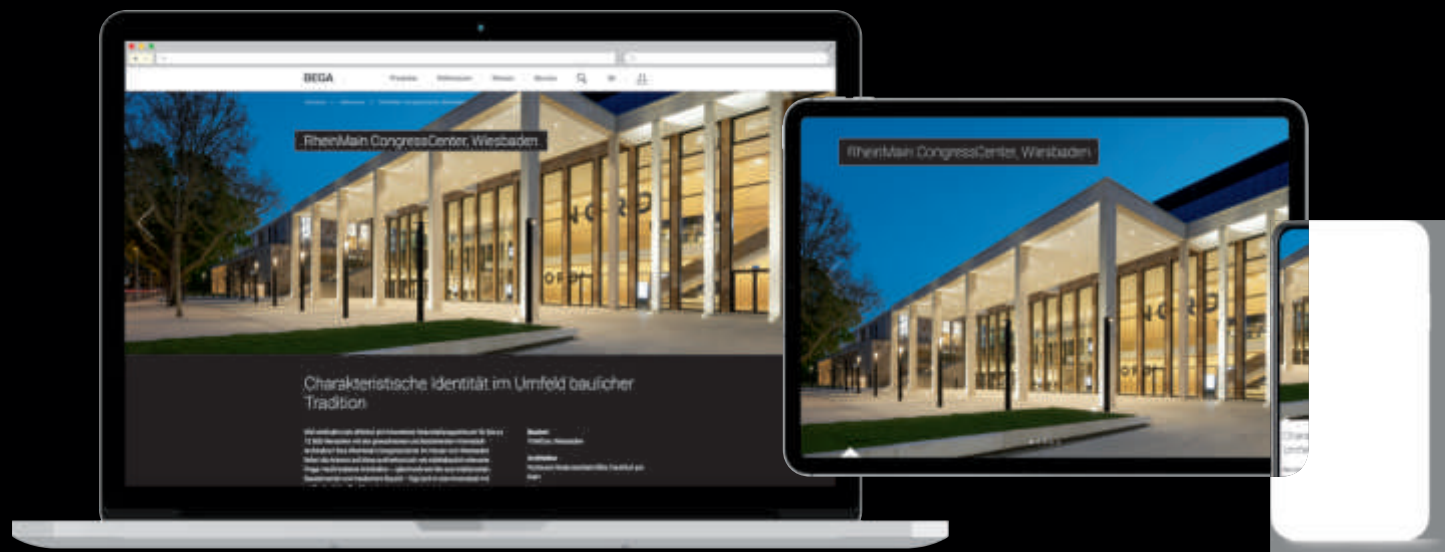
BEGA Unidure[®]

BEGA Unidure[®] is a protected trademark for a technology that 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 involving continuous sunlight, extremely high temperatures and high humidity.

BEGA Tricoat[®]

BEGA Tricoat[®] is a protected trademark for a technology that we use in order to achieve optimal corrosion resistance. These carefully coordinated inorganic and organic coating processes applied to extremely resistant alloys ensure the best possible surface protection and outstanding corrosion resistance.





BEGA.com Comprehensive, up-to-date information

The latest figures and planning aids

Data sheets and instructions for use for each luminaire, planning aids for DIALux or Autodesk Revit, for instance: All relevant luminaire data and tools for using our luminaires are easily accessible. Always up to date with the latest power information, which can change due to technical progress and constant development.



We recommend specialist partners

The question of where our luminaires can be purchased often goes hand in hand with a request for a recommendation for a specialist electrical company. For this reason, we have listed selected specialist companies and partners on our website.

Current print materials

Das gute Licht, as presented in our continuously evolving print media – available online as a downloadable digital catalogue, or to order as a free print copy. From our outdoor and indoor luminaire catalogues and light for the house and the garden to product brochures and our BEGA customer magazine – comprehensive information is available at all times.



About light and illumination

As a luminaire manufacturer, we would like to give you an insight into the exciting world of lighting design, lighting technology, electrical engineering and, in particular, light control, and share our enthusiasm for great lighting with you.

BEGA Apps Easy to use



BEGA Library 2.0

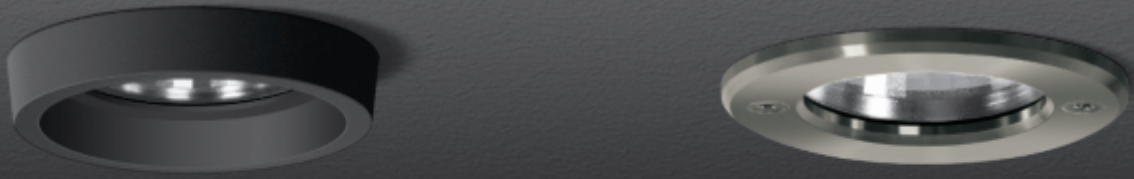
Our BEGA Library app offers digital publications in five languages – find out everything you need to know about our products, read impressive references and watch some of our high-resolution product films. A responsive design for smartphones and tablets ensures the best possible user experience. Content is added and revised continuously – updated publications are automatically flagged in the app. You can also download publications to your smartphone or tablet so that they are available offline as well.



BEGA AR+

With the free BEGA AR+ app, our luminaires can be viewed from all angles in the area they are to be installed. After scanning the planned area of installation, the selected luminaires can be placed.





LED compact downlights including external On/Off power supply units
Symmetrical narrow beam or wide beam light distribution

Small and compact LED downlights with external On/Off power supply units. Luminaires with an efficient and durable optical system – a combination of silicone diffusing lens and reflector made of pure anodised aluminium. Recessed ceiling luminaires with symmetrical narrow beam or wide beam light distribution.

We do not use plastic lenses, but only materials such as glass, aluminium and silicone that are virtually resistant to ageing. For technical information, see Page 10.

Protection class IP 65

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium · Silicone diffusing lens

External On/Off power supply unit

20-year availability guarantee for LED modules

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table. Please follow the instructions for use for the installation housings on our website from the planning stage onwards.

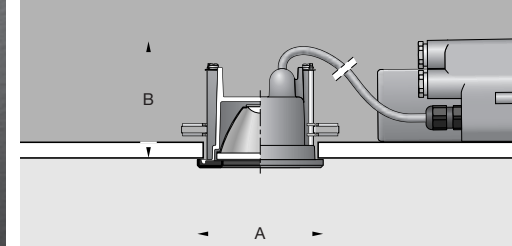
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

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®.

55 921 · 55 922 Luminaire colour graphite or white

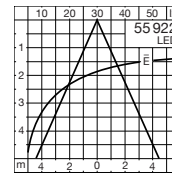
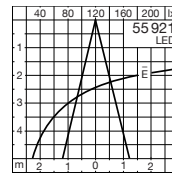
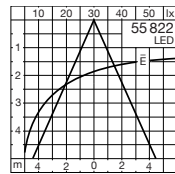
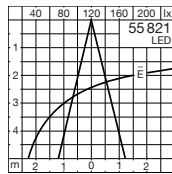
■ Graphite – article number · □ White – article number + **W**






LED compact downlights
Protection class IP 65


External power supply units incl.	On/Off
Colour temperature	3000 K · 4000 K
CRI	>80
Luminaire luminous flux	285 - 325 lm
Luminaire Ø	80 mm



LED compact downlights · Trim ring made of **stainless steel** External PSU

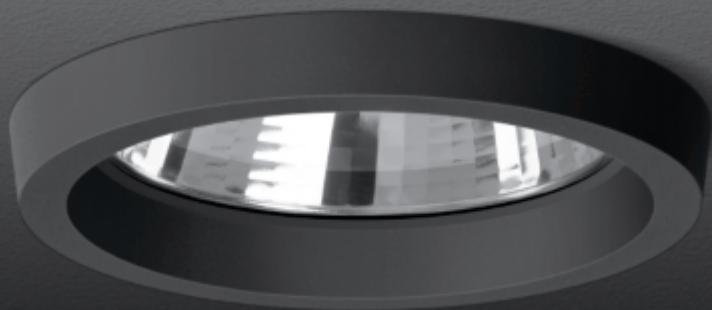
Narrow beam LED	EEC	β	A	B	AC/DC	On/Off	
55 821 4.5 W 285 lm	A++	28°	80	90	✓	Included	10 407
Very wide beam							
55 822 4.5 W 320 lm	A++	81°	80	90	✓	Included	10 407

LED compact downlights · Trim ring made of **cast aluminium** External PSU

Narrow beam LED	EEC	β	A	B	AC/DC	On/Off	
55 921 4.5 W 325 lm	A++	28°	80	90	✓	Included	10 407
Very wide beam							
55 922 4.5 W 320 lm	A++	81°	80	90	✓	Included	10 407

β = Half beam angle

 Installation housing



LED compact downlights including external DALI power supply units
Symmetrical, asymmetrical or flat beam light distribution

LED recessed ceiling downlights with various light distributions. Luminaires with symmetrical and flat beam light distribution are equipped with our BEGA Hybrid Optics® technology. This optical system allows complete light control thanks to optimal refraction and reflection through precisely calculated reflectors with a surface made of pure aluminium, and ultra-clear silicone lenses. This results in highly efficient, low-loss optical systems with optimum glare suppression and very compact dimensions. We do not use plastic lenses, but only materials such as glass, aluminium and silicone that are virtually resistant to ageing. For technical information, see Page 10. These luminaires are available with different LED outputs, half beam angles and dimensions.

Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Cast aluminium trim ring · Safety glass
Reflector surface made of pure aluminium · Optical silicone lens
Luminaires with symmetrical and flat beam light distribution: BEGA Hybrid Optics®
DALI controllable
20-year availability guarantee for LED modules
Cable between the luminaire and the power supply unit with plug connector

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table. Please follow the instructions for use for the installation housings on our website from the planning stage onwards.

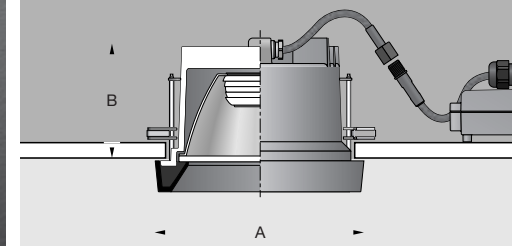
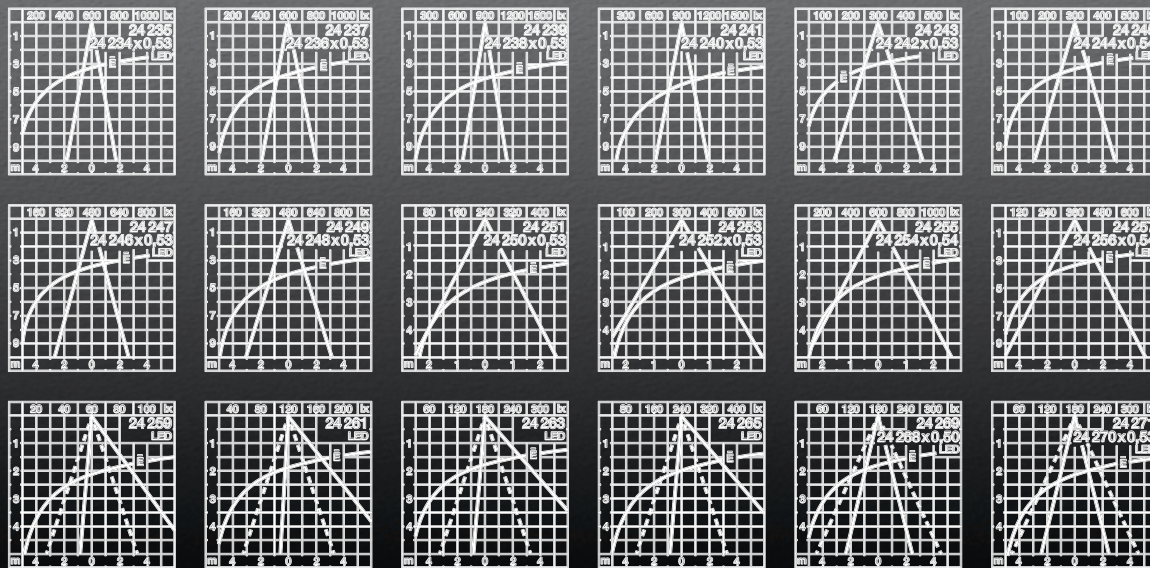
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

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Luminaire colour graphite or white

■ Graphite – Article number · □ White – article number + **W**





LED compact downlights
Protection class IP 65

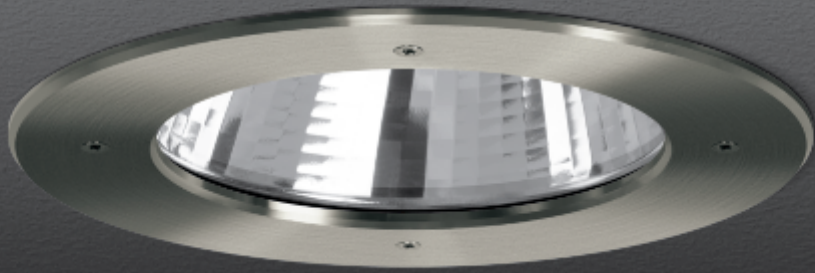
External power supply units incl.	DALI
Colour temperature	3000 K · 4000 K
CRI	>80
Luminaire luminous flux	790 - 4910 lm
Luminaire Ø	110 · 145 · 175 · 220 mm

Symmetrical light distribution									
Narrow beam	LED		β	PSU	EEC	A	B	AC/DC	☐
24 234	7.0 W	810 lm	20°	DALI	A++	110	90	✓	10 440
24 235	14.8 W	1520 lm	20°	DALI	A++	110	90	✓	10 440
24 236	9.5 W	1225 lm	21°	DALI	A++	145	90	✓	10 441
24 237	19.6 W	2295 lm	21°	DALI	A++	145	90	✓	10 441
24 238	14.0 W	1615 lm	15°	DALI	A++	175	95	✓	10 442
24 239	28.0 W	3030 lm	15°	DALI	A++	175	95	✓	10 442
24 240	20.0 W	2465 lm	20°	DALI	A++	220	115	✓	10 443
24 241	39.5 W	4650 lm	20°	DALI	A++	220	115	✓	10 443
Wide beam									
24 242	7.0 W	800 lm	35°	DALI	A++	110	90	✓	10 440
24 243	14.8 W	1510 lm	35°	DALI	A++	110	90	✓	10 440
24 244	9.5 W	1215 lm	37°	DALI	A++	145	90	✓	10 441
24 245	19.6 W	2265 lm	37°	DALI	A++	145	90	✓	10 441
24 246	14.0 W	1610 lm	30°	DALI	A++	175	95	✓	10 442
24 247	28.0 W	3025 lm	30°	DALI	A++	175	95	✓	10 442
24 248	20.0 W	2410 lm	31°	DALI	A++	220	115	✓	10 443
24 249	39.5 W	4565 lm	31°	DALI	A++	220	115	✓	10 443
Very wide beam									
24 250	7.0 W	790 lm	54°	DALI	A++	110	90	✓	10 440
24 251	14.8 W	1500 lm	54°	DALI	A++	110	90	✓	10 440
24 252	9.5 W	1180 lm	61°	DALI	A++	145	90	✓	10 441
24 253	19.6 W	2210 lm	61°	DALI	A++	145	90	✓	10 441
24 254	14.0 W	1640 lm	58°	DALI	A++	175	95	✓	10 442
24 255	28.0 W	3035 lm	58°	DALI	A++	175	95	✓	10 442
24 256	20.0 W	2635 lm	56°	DALI	A++	220	115	✓	10 443
24 257	39.5 W	4910 lm	56°	DALI	A++	220	115	✓	10 443

Asymmetrical light distribution · Wall washers									
LED			β	PSU	EEC	A	B	AC/DC	☐
24 259	10.0 W	830 lm	63/64°	DALI	A++	110	90	✓	10 440
24 261	14.0 W	1210 lm	63/64°	DALI	A++	145	90	✓	10 441
24 263	19.6 W	1900 lm	70/67°	DALI	A++	175	95	✓	10 442
24 265	28.0 W	3005 lm	67/65°	DALI	A++	220	115	✓	10 443
Flat beam light distribution									
LED			β	PSU	EEC	A	B	AC/DC	☐
24 268	9.5 W	950 lm	53/108°	DALI	A++	145	90	✓	10 441
24 269	19.6 W	1920 lm	53/108°	DALI	A++	145	90	✓	10 441
24 270	14.0 W	1380 lm	55/110°	DALI	A++	175	95	✓	10 442
24 271	28.0 W	2600 lm	55/110°	DALI	A++	175	95	✓	10 442



β = Half beam angle ☐ Installation housing



LED compact downlights including external DALI power supply units
Symmetrical, asymmetrical or flat beam light distribution

LED recessed ceiling downlights with various light distributions. Luminaires with symmetrical and flat beam light distribution are equipped with our BEGA Hybrid Optics® technology. This optical system allows complete light control thanks to optimal refraction and reflection through precisely calculated reflectors with a surface made of pure aluminium, and ultra-clear silicone lenses.

This results in highly efficient, low-loss optical systems with optimum glare suppression and very compact dimensions. We do not use plastic lenses, but only materials such as glass, aluminium and silicone that are virtually resistant to ageing.

For technical information, see Page 10.

These luminaires are available with different LED outputs, half beam angles and dimensions.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Trim ring made of stainless steel · Safety glass

Reflector surface made of pure aluminium · Optical silicone lens

Luminaires with symmetrical and flat beam light distribution: BEGA Hybrid Optics®

DALI controllable

20-year availability guarantee for LED modules

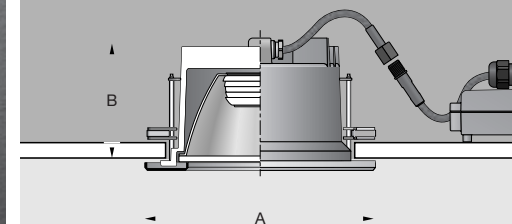
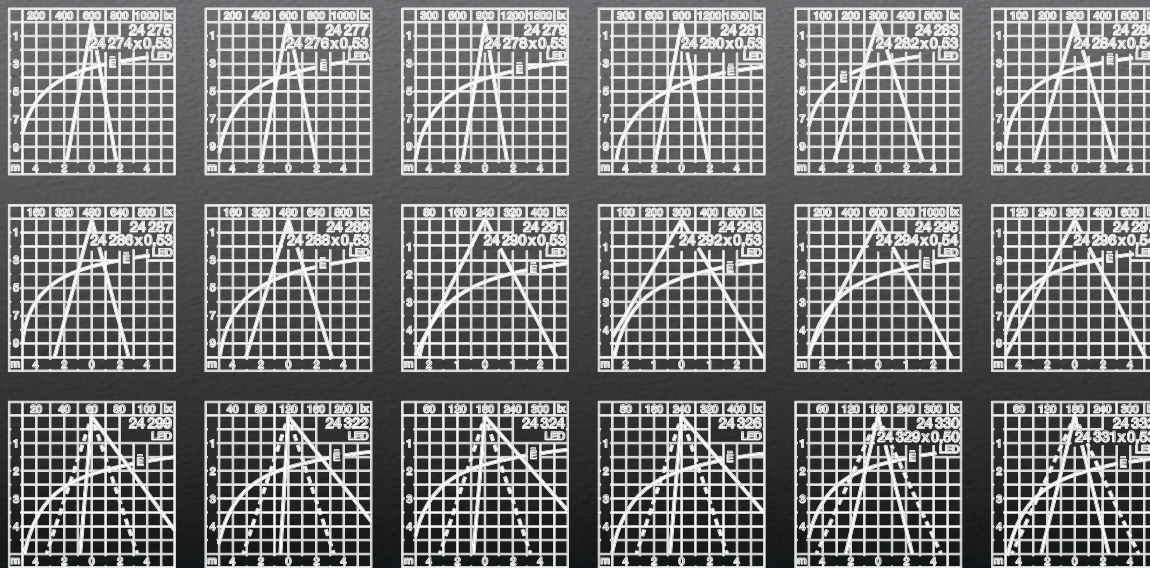
Cable between the luminaire and the power supply unit with plug connector

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table. Please follow the instructions for use for the installation housings on our website from the planning stage onwards.

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

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®.





LED compact downlights
Protection class IP 65

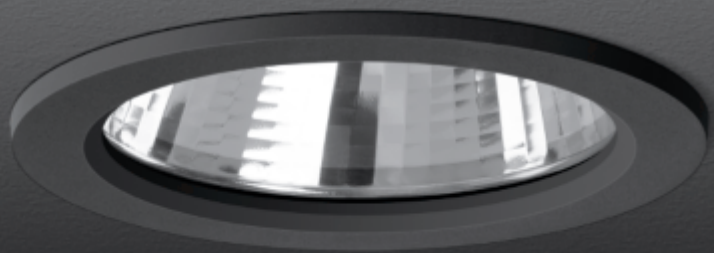
External power supply units incl.	DALI
Colour temperature	3000 K · 4000 K
CRI	>80
Luminaire luminous flux	790 - 4910 lm
Luminaire Ø	120 · 160 · 180 · 240 mm

Symmetrical light distribution									
Narrow beam	LED	β	PSU	EEC	A	B	AC/DC		
24 274	7.0 W 810 lm	20°	DALI	A++	120	90	✓	10 440	
24 275	14.8 W 1520 lm	20°	DALI	A++	120	90	✓	10 440	
24 276	9.5 W 1225 lm	21°	DALI	A++	160	90	✓	10 441	
24 277	19.6 W 2295 lm	21°	DALI	A++	160	90	✓	10 441	
24 278	14.0 W 1615 lm	15°	DALI	A++	180	95	✓	10 442	
24 279	28.0 W 3030 lm	15°	DALI	A++	180	95	✓	10 442	
24 280	20.0 W 2465 lm	20°	DALI	A++	240	115	✓	10 443	
24 281	39.5 W 4650 lm	20°	DALI	A++	240	115	✓	10 443	
Wide beam									
24 282	7.0 W 800 lm	35°	DALI	A++	120	90	✓	10 440	
24 283	14.8 W 1510 lm	35°	DALI	A++	120	90	✓	10 440	
24 284	9.5 W 1215 lm	37°	DALI	A++	160	90	✓	10 441	
24 285	19.6 W 2265 lm	37°	DALI	A++	160	90	✓	10 441	
24 286	14.0 W 1610 lm	30°	DALI	A++	180	95	✓	10 442	
24 287	28.0 W 3025 lm	30°	DALI	A++	180	95	✓	10 442	
24 288	20.0 W 2410 lm	31°	DALI	A++	240	115	✓	10 443	
24 289	39.5 W 4650 lm	31°	DALI	A++	240	115	✓	10 443	
Very wide beam									
24 290	7.0 W 790 lm	54°	DALI	A++	120	90	✓	10 440	
24 291	14.8 W 1500 lm	54°	DALI	A++	120	90	✓	10 440	
24 292	9.5 W 1180 lm	61°	DALI	A++	160	90	✓	10 441	
24 293	19.6 W 2210 lm	61°	DALI	A++	160	90	✓	10 441	
24 294	14.0 W 1640 lm	58°	DALI	A++	180	95	✓	10 442	
24 295	28.0 W 3035 lm	58°	DALI	A++	180	95	✓	10 442	
24 296	20.0 W 2635 lm	56°	DALI	A++	240	115	✓	10 443	
24 297	39.5 W 4910 lm	56°	DALI	A++	240	115	✓	10 443	

Asymmetrical light distribution · Wall washers									
LED	β	PSU	EEC	A	B	AC/DC			
24 299	10.0 W 830 lm	63/64°	DALI	A++	120	90	✓	10 440	
24 322	14.0 W 1210 lm	63/64°	DALI	A++	160	90	✓	10 441	
24 324	19.6 W 1900 lm	70/67°	DALI	A++	180	95	✓	10 442	
24 326	28.0 W 3005 lm	67/65°	DALI	A++	240	115	✓	10 443	
Flat beam light distribution									
LED	β	PSU	EEC	A	B	AC/DC			
24 329	9.5 W 950 lm	53/108°	DALI	A++	160	90	✓	10 441	
24 330	19.6 W 1920 lm	53/108°	DALI	A++	160	90	✓	10 441	
24 331	14.0 W 1380 lm	55/110°	DALI	A++	180	95	✓	10 442	
24 332	28.0 W 2600 lm	55/110°	DALI	A++	180	95	✓	10 442	



β = Half beam angle  Installation housing



LED downlights including external DALI power supply units
Symmetrical, asymmetrical or flat beam light distribution

LED recessed ceiling downlights with various light distributions. Luminaires with symmetrical and flat beam light distribution are equipped with our BEGA Hybrid Optics® technology. This optical system allows complete light control thanks to optimal refraction and reflection through precisely calculated reflectors with a surface made of pure aluminium, and ultra-clear silicone lenses.

This results in highly efficient, low-loss optical systems with optimum glare suppression and very compact dimensions. We do not use plastic lenses, but only materials such as glass, aluminium and silicone that are virtually resistant to ageing.

For technical information, see Page 10.

These luminaires are available with different LED outputs, half beam angles and dimensions.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Cast aluminium trim ring · Safety glass

Reflector surface made of pure aluminium · Optical silicone lens

Luminaires with symmetrical and flat beam light distribution: BEGA Hybrid Optics®

DALI controllable

20-year availability guarantee for LED modules

Cable between the luminaire and the power supply unit with plug connector

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table. Please follow the instructions for use for the installation housings on our website from the planning stage onwards.

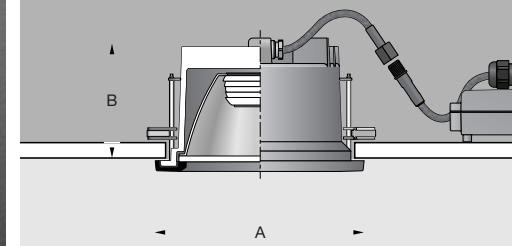
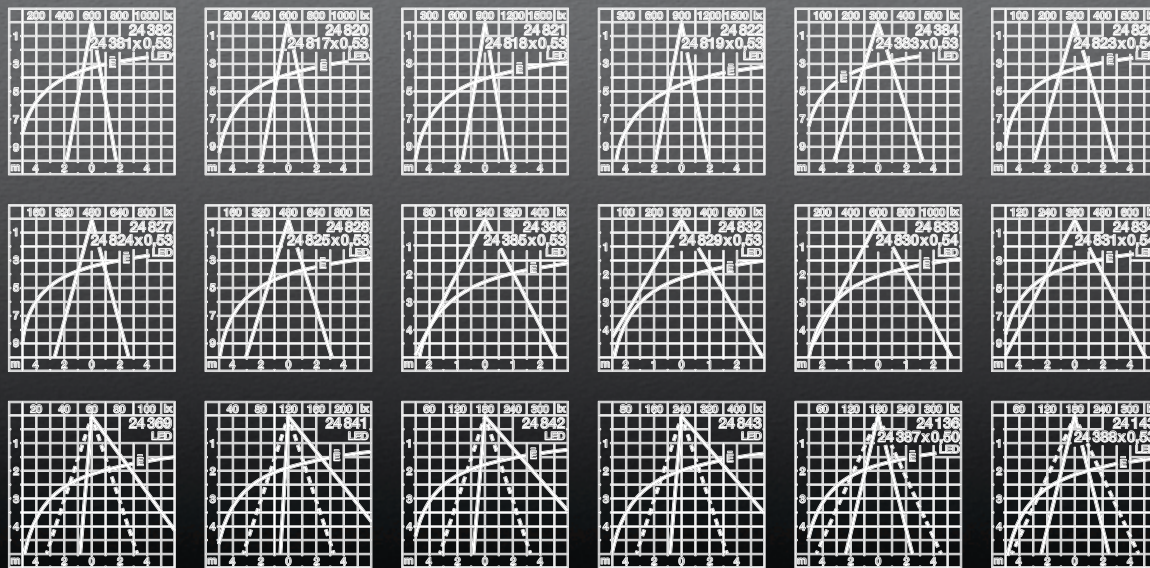
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

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®.

Luminaire colour graphite or white

■ Graphite – Article number · □ White – article number + **W**





LED downlights
Protection class IP 65

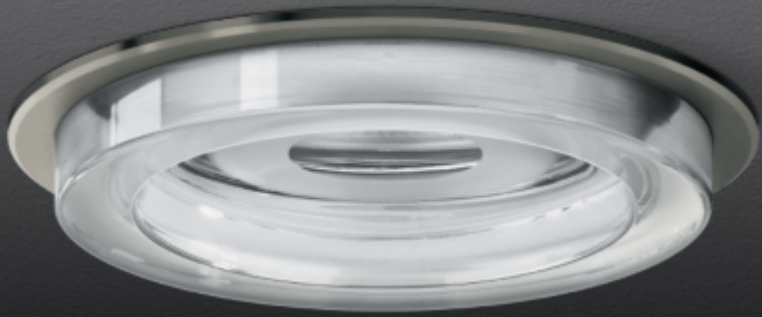
External PSU including DALI
Colour temperature 3000 K · 4000 K
CRI > 80
Luminaire luminous flux 790 - 4910 lm
Luminaire Ø 110 · 145 · 175 · 220 mm

Symmetrical light distribution									
Narrow beam	LED		β	PSU	EEC	A	B	AC/DC	☐
24 381	7.0 W	810 lm	20°	DALI	A++	110	90	✓	10 440
24 382	14.8 W	1520 lm	20°	DALI	A++	110	90	✓	10 440
24 817	9.5 W	1225 lm	21°	DALI	A++	145	90	✓	10 441
24 820	19.6 W	2295 lm	21°	DALI	A++	145	90	✓	10 441
24 818	14.0 W	1615 lm	15°	DALI	A++	175	95	✓	10 442
24 821	28.0 W	3030 lm	15°	DALI	A++	175	95	✓	10 442
24 819	20.0 W	2465 lm	20°	DALI	A++	220	115	✓	10 443
24 822	39.5 W	4650 lm	20°	DALI	A++	220	115	✓	10 443
Wide beam									
24 383	7.0 W	800 lm	35°	DALI	A++	110	90	✓	10 440
24 384	14.8 W	1510 lm	35°	DALI	A++	110	90	✓	10 440
24 823	9.5 W	1215 lm	37°	DALI	A++	145	90	✓	10 441
24 826	19.6 W	2265 lm	37°	DALI	A++	145	90	✓	10 441
24 824	14.0 W	1610 lm	30°	DALI	A++	175	95	✓	10 442
24 827	28.0 W	3025 lm	30°	DALI	A++	175	95	✓	10 442
24 825	20.0 W	2410 lm	31°	DALI	A++	220	115	✓	10 443
24 828	39.5 W	4565 lm	31°	DALI	A++	220	115	✓	10 443
Very wide beam									
24 385	7.0 W	790 lm	54°	DALI	A++	110	90	✓	10 440
24 386	14.8 W	1500 lm	54°	DALI	A++	110	90	✓	10 440
24 829	9.5 W	1180 lm	61°	DALI	A++	145	90	✓	10 441
24 832	19.6 W	2210 lm	61°	DALI	A++	145	90	✓	10 441
24 830	14.0 W	1640 lm	58°	DALI	A++	175	95	✓	10 442
24 833	28.0 W	3035 lm	58°	DALI	A++	175	95	✓	10 442
24 831	20.0 W	2635 lm	56°	DALI	A++	220	115	✓	10 443
24 834	39.5 W	4910 lm	56°	DALI	A++	220	115	✓	10 443

Asymmetrical light distribution · Wall washers									
LED			β	PSU	EEC	A	B	AC/DC	☐
24 369	10.0 W	830 lm	63/64°	DALI	A++	110	90	✓	10 440
24 841	14.0 W	1210 lm	63/64°	DALI	A++	145	90	✓	10 441
24 842	19.6 W	1900 lm	70/67°	DALI	A++	175	95	✓	10 442
24 843	28.0 W	3005 lm	67/65°	DALI	A++	220	115	✓	10 443
Flat beam light distribution									
LED			β	PSU	EEC	A	B	AC/DC	☐
24 387	9.5 W	950 lm	53/108°	DALI	A++	145	90	✓	10 441
24 136	19.6 W	1920 lm	53/108°	DALI	A++	145	90	✓	10 441
24 388	14.0 W	1380 lm	55/110°	DALI	A++	175	95	✓	10 442
24 143	28.0 W	2600 lm	55/110°	DALI	A++	175	95	✓	10 442



β = Half beam angle ☐ Installation housing



LED compact downlights for external On/Off or DALI power supply units
Symmetrical wide beam light distribution

LED recessed ceiling downlights for external power supply units, optionally On/Off or DALI controllable. Luminaires with partially frosted crystal glass for very wide beam and brilliant light. The downlights are available with different LED outputs and dimensions. The luminaires and the external power supply units required for your lighting systems can be connected by means of a simple plug connector. In the table, you can find two versions of switchable and controllable power supply units. For technical data, see Page 536.

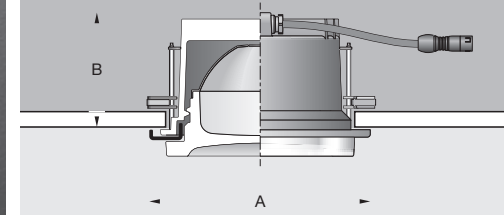
Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Trim ring made of stainless steel
Crystal glass, partially frosted
Reflector made of pure anodised aluminium · Silicone diffusing lens
20 years' availability guarantee for LED modules
Cable between the luminaire and the power supply unit with plug connector

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table. During the planning phase, please pay attention to the instructions for use for the installation housings available on our website.

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

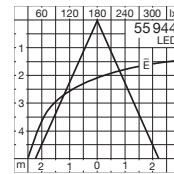
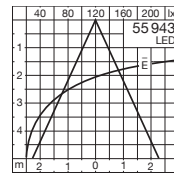
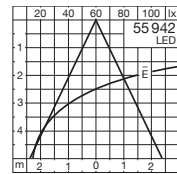
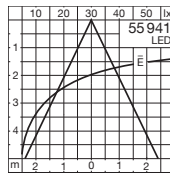
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.





LED compact downlights
Protection class IP 65

for external PSU	On/Off · DALI
Colour temperature	3000 K · 4000 K
CRI	> 80
Luminaire luminous flux	240 - 1395 lm
Luminaire Ø	80 · 115 · 155 · 185 mm



LED compact downlights		External PSU							
LED	EEC	β	A	B	AC/DC	On/Off		Installation housing	
55 941	4.5 W	240 lm	A++	43°	80	90	✓		Included
55 942	11.0 W	630 lm	A++	54°	115	90	✓	On/Off	13 191
55 943	15.5 W	850 lm	A++	43°	155	90	✓	DALI	10 520
55 944	22.0 W	1395 lm	A++	43°	185	95	✓		10 528
									10 441
									10 442

β = Half beam angle

Installation housing



LED compact downlights for external On/Off or DALI power supply units
Adjustable light distribution · Additive colour mixing (RGBW) or adjustable colour temperature (tunable white)

LED recessed ceiling downlights for external power supply units, optionally On/Off or DALI controllable. These luminaires are available with different LED outputs, half beam angles and dimensions. The luminaires and the external power supply units required for your lighting systems can be connected by means of a simple plug connector. In the table, you can find two versions of switchable and controllable power supply units. For technical data about power supply units see Page 536. Luminaires suitable for integration in light and building control systems.

Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Cast aluminium trim ring · Safety glass
Reflector surface made of pure aluminium · The inclination angle of the reflector is adjustable from 0° to 30°.
The optical system can be rotated by 360° around the vertical axis of the luminaire.
20 years' availability guarantee for LED modules
Cable between the luminaire and the power supply unit with plug connector
RGBW and tunable white downlights are delivered complete with an external DALI controllable power supply unit.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table. During the planning phase, please pay attention to the instructions for use for the installation housings available on our website.

The RGB W luminaires can be controlled using a DALI colour light control (DT 8, RGBWAF), and the tunable white luminaires with the help of a DALI colour light control (DT8, TW). We recommend our BEGA Control system for this purpose. For the technical data of DALI system components, see Pages 538 to 542.

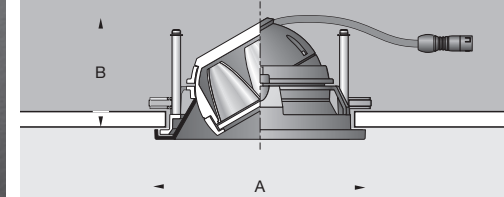
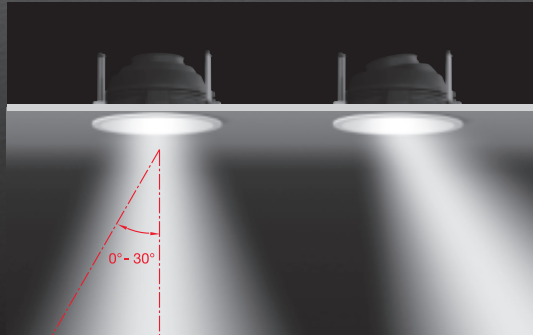
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might 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®.

Luminaire colour graphite or white

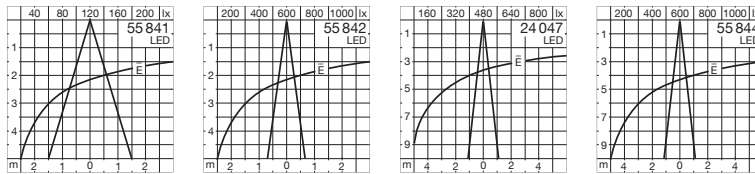
■ Graphite – article number · □ White – article number + **W**





LED compact downlights
Protection class IP 65

for external PSU	On/Off · DALI
Colour temperature	3000 K · 4000 K
CRI	> 80
Luminaire luminous flux	335 - 1540 lm
Luminaire Ø	115 · 150 · 225 · 265 mm



Adjustable light distribution							External PSU		Accessories			
LED	EEC	β	A	B	AC/DC	On/Off	On/Off	DALI				
55 841	4.4 W	335 lm	A++	32°	115	90	✓	Included	10 440	10 042	10 013	
55 842	8.0 W	555 lm	A++	16°	150	100	✓	13 191	10 520	10 441	10 043	10 014
24 047	13.8 W	1015 lm	A++	13°	225	135	✓	13 191	10 520	10 443	10 047	10 016
55 844	20.0 W	1540 lm	A++	13°	265	155	✓	13 572	10 554	10 444	10 048	10 019

Adjustable light distribution - RGB W · For additive colour mixing							Accessories			
LED	β	A	B	AC/DC	External PSU					
24 837	21.0 W	805 lm	20°	225	135	✓	DALI DT 8, RGBWAF	10 443	10 047	10 016
24 838	30.0 W	1105 lm	22°	265	155	—	DALI DT 8, RGBWAF	10 444	10 048	10 019

Adjustable light distribution · Tunable white · 2700 K - 6500 K							Accessories				
LED	EEC	β	A	B	AC/DC	External PSU					
24 835	14.3 W	775 lm	A++	21°	225	135	✓	DALI DT 8, TW	10 443	10 047	10 016
24 836	20.8 W	1320 lm	A++	21°	265	155	✓	DALI DT 8, TW	10 444	10 048	10 019

β = Half beam angle Installation housings Diffuser lenses Wide beam Flat beam





LED compact downlights for external On/Off or DALI power supply units
Symmetrical narrow beam, symmetrical wide beam or asymmetrical light distribution

LED recessed ceiling downlights for external power supply units, optionally On/Off or DALI controllable. These luminaires are available with different LED outputs, half beam angles and dimensions. The luminaires and the external power supply units required for your lighting systems can be connected by means of a simple plug connector.

In the table, you can find two versions of switchable and controllable power supply units. For technical data, see Page 536.

Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Safety glass
Reflector surface made of pure aluminium · BEGA Vortex Optics®
20 years' availability guarantee for LED modules
Cable between the luminaire and the power supply unit with plug connector

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table. During the planning phase, please pay attention to the instructions for use for the installation housings available on our website.

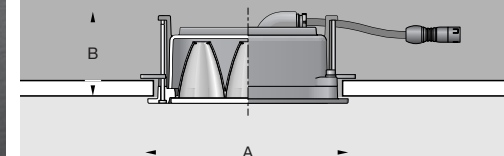
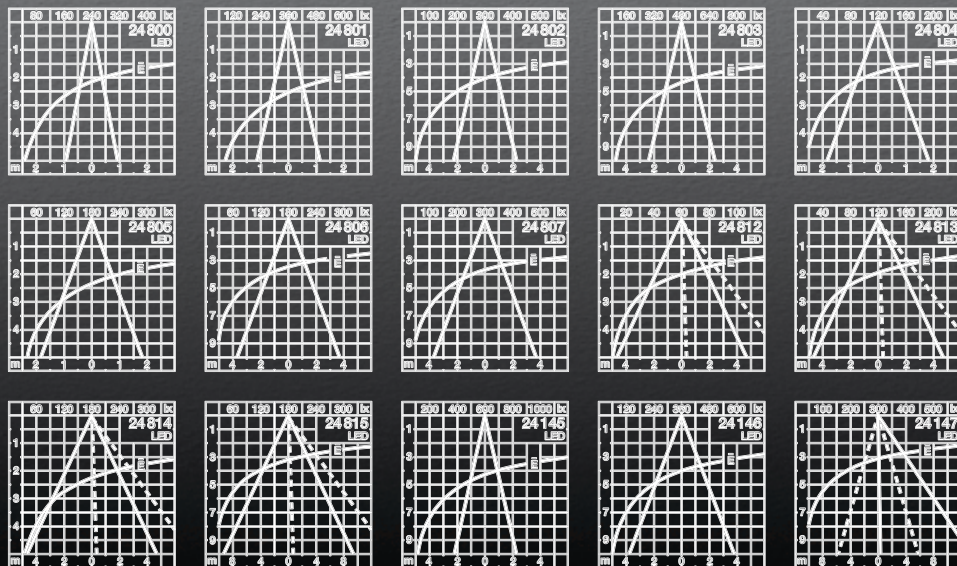
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might 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®.

Luminaire colour white or silver

□ White – article number · ■ Silver – article number + **A**





LED compact downlights
Protection class IP 65

for external PSU	On/Off · DALI
Colour temperature	3000 K · 4000 K
CRI	> 80
Luminaire luminous flux	320 - 5350 lm
Luminaire	□ 120 · 155 · 190 · 275 mm



Symmetrical narrow beam light distribution				External PSU						
LED	EEC	β	A	B	AC/DC	On/Off				
24 800	4.4 W	335 lm	A++	24°	120	90	✓	Included	13 500	
24 801	10.4 W	600 lm	A++	25°	120	90	✓	Included	13 500	
							On/Off	DALI		
24 802	21.5 W	1290 lm	A++	28°	155	90	✓	13 192	10 528	13 501
24 803	40.0 W	2360 lm	A++	25°	190	90	✓	13 193	10 530	13 502
24 145	62.0 W	3900 lm	A++	25°	275	100	✓	13 573	13 574	13 578



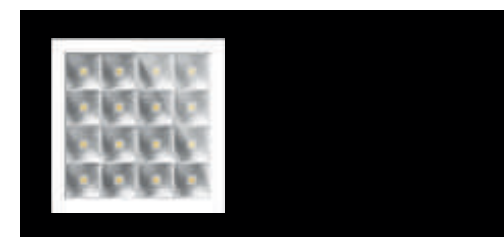
Symmetrical wide beam light distribution				External PSU						
LED	EEC	β	A	B	AC/DC	On/Off				
24 804	4.4 W	405 lm	A++	40°	120	90	✓	Included	13 500	
24 805	10.4 W	815 lm	A++	40°	120	90	✓	Included	13 500	
							On/Off	DALI		
24 806	21.5 W	1700 lm	A++	41°	155	90	✓	13 192	10 528	13 501
24 807	40.0 W	3215 lm	A++	41°	190	90	✓	13 193	10 530	13 502
24 146	62.0 W	5350 lm	A++	41°	275	100	✓	13 573	13 574	13 578



Asymmetrical light distribution				External PSU						
LED	EEC	β	A	B	AC/DC	On/Off				
24 812	4.4 W	320 lm	A++	44/50°	120	90	✓	Included	13 500	
24 813	10.4 W	710 lm	A++	46/52°	120	90	✓	Included	13 500	
							On/Off	DALI		
24 814	21.5 W	1570 lm	A++	46/52°	155	90	✓	13 192	10 528	13 501
24 815	40.0 W	2795 lm	A++	46/52°	190	90	✓	13 193	10 530	13 502
24 147	62.0 W	4650 lm	A++	46/52°	275	100	✓	13 573	13 574	13 578

β = Half beam angle

 Installation housing





LED downlights complete with DALI power supply units
Symmetrical narrow beam, symmetrical wide beam or asymmetrical light distribution

A new group of very narrow, linear LED recessed ceiling downlights.
These luminaires are optionally available with symmetrical narrow beam, symmetrical wide beam or asymmetrical light distribution and in different lengths for your lighting applications.
With shallow installation depths, high light output and a high protection class, these luminaires are durable and reliable lighting tools for indoors and outdoors.

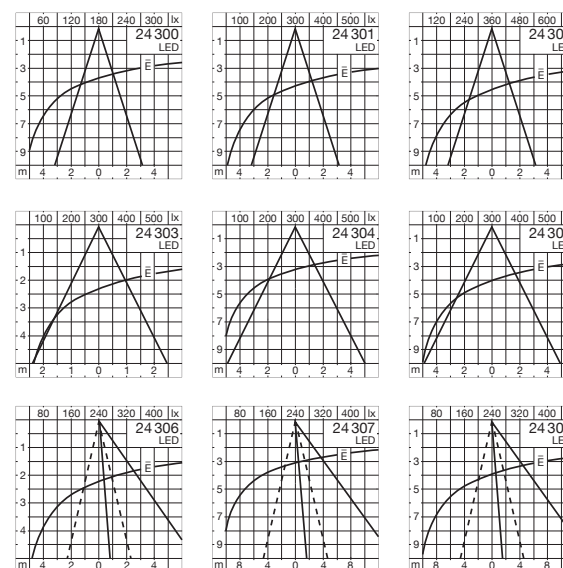
Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Aluminium trim frame · Safety glass
Reflector surface made of pure aluminium · BEGA Vortex Optics®
DALI controllable
20 years' availability guarantee for LED modules

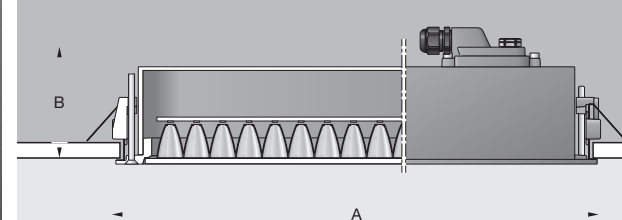
We offer an installation housing for the installation of the luminaires in concrete ceilings and an installation frame for suspended ceilings. You can find matching installation housings and installation frames in the table. During the planning phase, please pay attention to the instructions for use for the installation housings and installation frames available on our website.

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

The power information might 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®.

Luminaire colour white or silver
 White – article number · Silver – article number + **A**





LED downlights
Protection class IP 65

External PSU including	DALI
Colour temperature	3000 K · 4000 K
CRI	> 80
Luminaire luminous flux	1550 - 6830 lm
Luminaire length	550 · 1040 · 1505 mm



LED downlights · **Symmetrical narrow beam** light distribution

	LED	PSU	EEC	β	A	B	AC/DC	Install. housing	Install. frame	
24 300	18.5 W	1550 lm	DALI	A++	34°	550 × 76	90	✓	13 579	13 516
24 301	36.0 W	3200 lm	DALI	A++	34°	1040 × 76	90	✓	13 580	13 517
24 302	55.0 W	4705 lm	DALI	A++	34°	1505 × 76	90	✓	13 581	13 518

Accessories

Install. housing

Install. frame



LED downlights · **Symmetrical wide beam** light distribution

	LED	PSU	EEC	β	A	B	AC/DC	Install. housing	Install. frame	
24 303	18.5 W	2150 lm	DALI	A++	55°	550 × 76	90	✓	13 579	13 516
24 304	36.0 W	4305 lm	DALI	A++	55°	1040 × 76	90	✓	13 580	13 517
24 305	55.0 W	6830 lm	DALI	A++	55°	1505 × 76	90	✓	13 581	13 518

Accessories

Install. housing

Install. frame



LED downlights · **Asymmetrical** light distribution

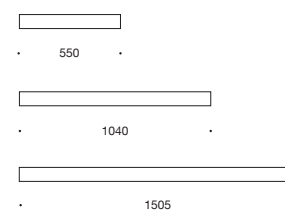
	LED	PSU	EEC	β	A	B	AC/DC	Install. housing	Install. frame	
24 306	18.5 W	1945 lm	DALI	A++	42/50°	550 × 76	90	✓	13 579	13 516
24 307	36.0 W	3950 lm	DALI	A++	42/50°	1040 × 76	90	✓	13 580	13 517
24 308	55.0 W	6100 lm	DALI	A++	42/50°	1505 × 76	90	✓	13 581	13 518

Accessories

Install. housing

Install. frame

β = Half beam angle





· 37 ·

· 50 ·

· 75 ·

LED recessed wall luminaires made of stainless steel for surface mounting

Location luminaires and floodlights with LED for installation in walls. Different luminaire sizes and outputs are available for your lighting applications. The stainless steel trim ring and the luminaire glass lie flat – without offset – in a single plane. Corrosion-proof luminaires with high structural strength and protection class. Luminaires that guarantee reliable and cost-effective operation. On request, the location luminaires and floodlights in this series are also available in the LED light colours green, blue, amber and red.

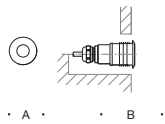
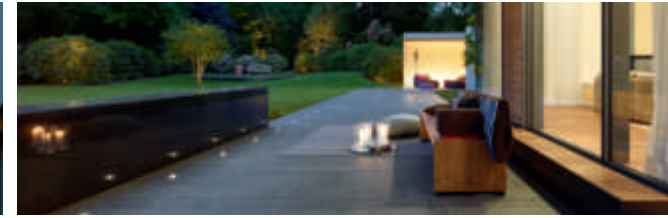
Protection class IP 68 20 m · Safety class III
Trim ring and luminaire housing made of stainless steel · Safety glass
Installation sleeve made of glass fibre reinforced synthetic material · Connecting cable
Luminaires without power supply unit
20 years' availability guarantee for LED modules

A separate 24 V DC power supply unit is required to operate the luminaires.
For technical data, see Page 537.

Perfectly matching 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.

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

The power information might 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 and maximum ambient temperature.



LED location luminaires

	LED	Power supply unit	EEC	A	B	Install. housing
33 880	0.35 W 5 lm	Without* · 24V DC	A++	37	65	10 464
33 881	0.45 W 5 lm	Without* · 24V DC	A++	50	75	10 435
33 882	1.4 W 50 lm	Without* · 24V DC	A++	75	80	10 471

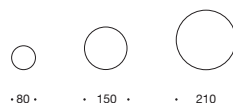


LED floodlights · Symmetrical light distribution

	LED	Power supply unit	EEC	A	B	Install. housing
33 830	0.5 W 30 lm	Without* · 24V DC	A++	37	65	10 464
33 831	1.4 W 135 lm	Without* · 24V DC	A++	50	75	10 435
33 832	5.2 W 260 lm	Without* · 24V DC	A++	75	80	10 471



* You can find suitable power supply units on Page 537.



LED recessed wall luminaires made of stainless steel for surface mounting
Unshielded light or asymmetrical flat beam light distribution

Recessed wall luminaires with two different light distributions:

- The unshielded luminaires have a directing and guiding light effect. The degree of illuminance on the surface to be illuminated is lower, but the ambient brightness created is greater. This increased vertical illuminance allows persons, for example, to be noticed more quickly.
- The asymmetrical flat beam light distribution is suitable for the glare-free illumination of ground surfaces, e.g. driveways, stairs and footpaths. If ambient brightness is low, the luminaires create a high degree of illuminance on the surface to be illuminated.

Shallow installation depths and the BEGA mounting system ensure simple and economical installation in solid or hollow structures.

Protection class IP 65 · BEGA Thermal Management®

Trim ring and luminaire housing made of stainless steel · Safety glass

Luminaires without power supply unit, with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

33 200 Trim ring made of stainless steel · Luminaire housing made of cast aluminium

A separate 24 V DC power supply unit is required to operate the luminaire.

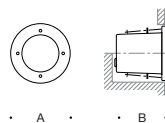
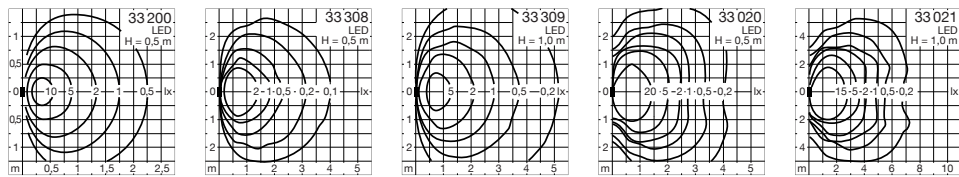
For technical data, see Page 537.

Perfectly matching accessories are available for the 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.

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

The power information might 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®.

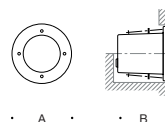


Unshielded light

	LED	Power supply unit	SC	EEC	A	B	AC/DC
33 200	2,3 W 40 lm	W/o* · 24 V DC	III	A++	80	80	—
33 308	2,7 W 65 lm	On/Off	I	A++	150	120	✓
33 309	6,2 W 175 lm	DALI	I	A++	210	120	✓

Accessories

Install. housing	Plaster frame
10 415	10 015
10 428	10 028
10 429	10 029

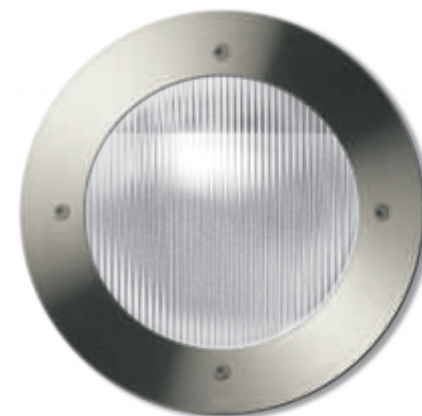


Asymmetrical flat beam light distribution

	LED	Power supply unit	SC	EEC	A	B	AC/DC
33 020	6,2 W 285 lm	On/Off	I	A++	150	120	✓
33 021	7,8 W 570 lm	On/Off	I	A++	210	120	✓

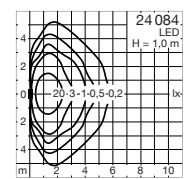
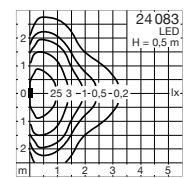
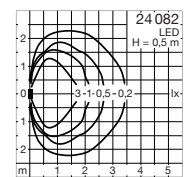
Accessories

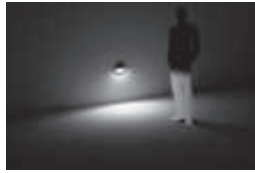
Install. housing	Plaster frame
10 428	10 028
10 429	10 029



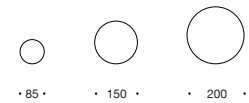
*You can find suitable power supply units on Page 537.

SC = Safety class





Shielded light



LED recessed wall luminaires made of cast bronze for surface mounting

Shielded light

Recessed wall luminaires for the glare-free illumination of surfaces from a low mounting height which make important orientation points visible when it is dark or when the degree of illuminance is too low. They are also suitable for marking danger points.

Safety glass with light-directing texture distributes the light onto the surface to be illuminated. The glass is outside the visible area and is thus protected from damage.

Protection class IP 65 · BEGA Thermal Management®

Cast bronze and stainless steel · Safety glass

Luminaires without power supply unit, with On/Off power supply unit or

DALI controllable power supply unit

20 years' availability guarantee for LED modules

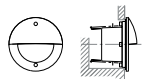
A separate 24 V DC power supply unit is required to operate luminaire 24 082.

For technical data, see Page 537.

Perfectly matching accessories are available for the 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.

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

The power information might 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®.



· A · · B · C ·

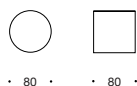
LED recessed wall luminaires · Shielded light

	LED		Power supply unit	SC	EEC	A	B	C	AC/DC	Accessories	
	W	lm								Install. housing	Plaster frame
24 082	2.7	85	Without* · 24 V DC	III	A++	85	90	20	—	10 415	10 015
24 083	6.0	200	On/Off	I	A++	150	100	30	✓	10 428	10 028
24 084	10.2	540	DALI	I	A++	200	125	37	✓	10 429	10 029



*You can find suitable power supply units on Page 537.

SC = Safety class



24 V DC LED recessed wall luminaires for surface mounting

Unshielded, shielded or directed light

Compact recessed wall luminaires, round or square, for operation with 24V power supply units, for a large number of indoor and outdoor lighting applications.

As guiding lights, the unshielded luminaires are ideal for orientation purposes. Shielded luminaires are suitable for similar applications, but with reduced ambient brightness.

Luminaires with directed light mainly illuminate the traffic areas in front of the installation surface, thus providing for safety along pathways, even in the dark.

Recessed luminaires for corridors, pathways and staircases, and wherever dangerous areas have to be marked. Shallow installation depths and the BEGA mounting system ensure simple and economical installation in solid or hollow structures.

Protection class IP 65 · Safety class III

Cast aluminium, aluminium and stainless steel · Safety glass

Luminaires without power supply unit

20 years' availability guarantee for LED modules

A separate 24 V DC power supply unit is required to operate the luminaires.

For technical data, see Page 537.

Perfectly matching accessories are available for the various installation situations.

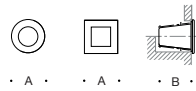
During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

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

The power information might 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 and maximum ambient temperature.

Luminaire colour graphite or silver

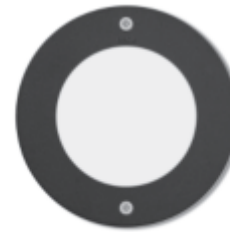
■ Graphite – article number · ■ Silver – article number + **A**



• A • • A • • B •

LED recessed wall luminaires · **Unshielded light**

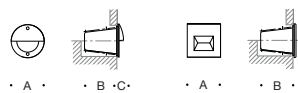
		LED		Power supply unit	EEC	A	B	Accessories	
								Install. housing	Plaster frame
22 109	Round	2.3 W	30 lm	Without* · 24 V DC	A++	80	80	10 415	10 015
22 202	Square	2.3 W	35 lm	Without* · 24 V DC	A++	80	80	10 406	10 006



• A • • A • • B •

LED recessed wall luminaires · **Shielded light**

		LED		Power supply unit	EEC	A	B	Accessories	
								Install. housing	Plaster frame
22 101	Round	2.3 W	10 lm	Without* · 24 V DC	A++	80	80	10 415	10 015
22 203	Square	2.3 W	10 lm	Without* · 24 V DC	A++	80	80	10 406	10 006



• A • • B · C • • A • • B •

LED recessed wall luminaires · **Directed light**

		LED			Power supply unit	EEC	A	B	C	Accessories	
										Install. housing	Plaster frame
22 369	Round	2.7 W	85 lm	Without* · 24 V DC	A++	80	80	20		10 415	10 015
22 230	Square	2.7 W	95 lm	Without* · 24 V DC	A++	80	80	—		10 406	10 006



*You can find suitable power supply units on Page 537.

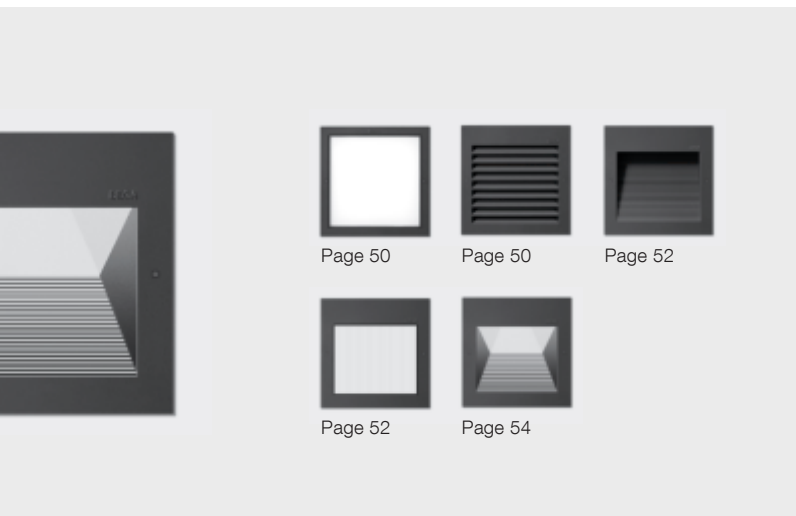


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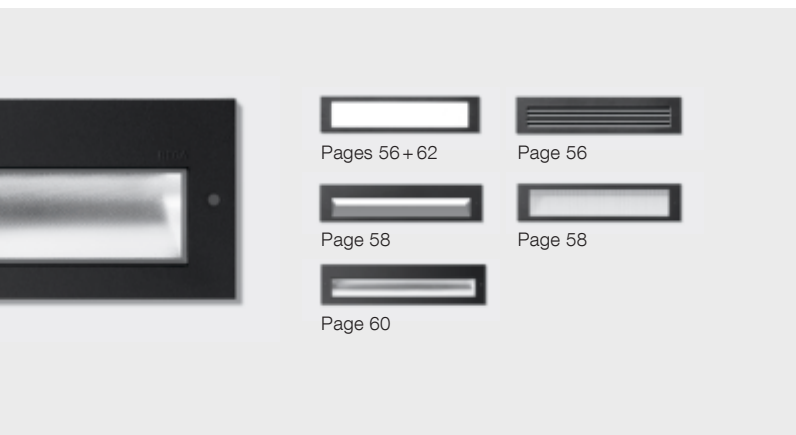
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BEGA recessed luminaires · Overview of the installation options

For decades, BEGA luminaires with this design have been outstanding lighting construction details on numerous structures worldwide. They have been characteristic of a whole series of luminaires in our range of products and became models for outdoor luminaires in general.

The recessed luminaires shown on Pages 44 to 63 are the latest models and have been adapted to modern installation situations and our LED technology.

The installation dimensions are identical to those of the previous luminaires.

All luminaires are characterised by a slim and at the same time screwless luminaire frame. The extremely low maintenance requirements of our LED technology enable a new product concept with far easier and quicker installation.

For all luminaires, the electrical connection is now established comfortably before installation in the structure.

Perfectly matching accessories are available for the 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.

Installation in cavity walls

All recessed luminaires use the BEGA mounting system and can be surface-mounted in all types of cavity wall without any accessories.

Installation in brickwork and concrete

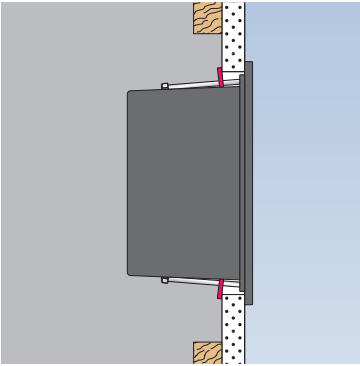
Use the type A installation housing to create the perfect recessed opening for installation in brickwork or concrete. If brickwork or concrete is subsequently to be plastered, two plaster frames are available, both of which make it possible to compensate for different plaster thicknesses.

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, we offer a system solution which has been certified by the independent German Passive House Institute (PHI). The type B installation housing, together with the insulating elements included and the modular design, allows flexible adjustment to insulation depths of 120 to 200 mm. In plastered EWIS façades, the luminaires can be either surface-mounted or flush-mounted. The type C plaster frame allows the **surface-mounted** installation of the luminaires. With the type D plaster frame, the luminaires are installed **flush**.

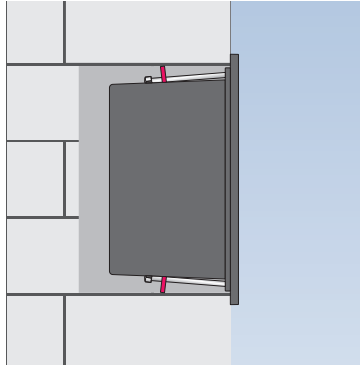
Cavity wall



Surface mounting
in all kinds of cavity wall

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

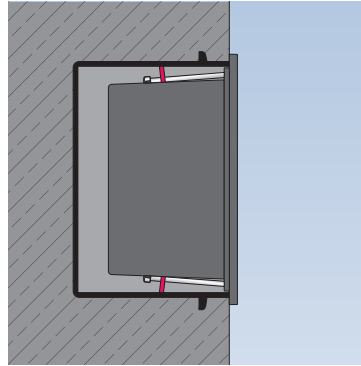
Brickwork



Surface mounting
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.

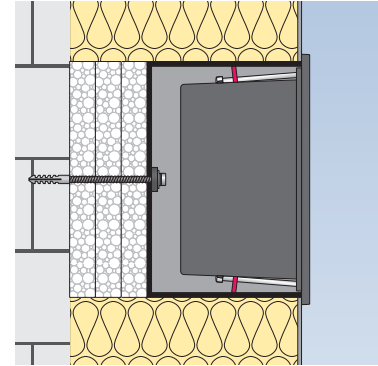
Concrete



Surface mounting
in unplastered concrete

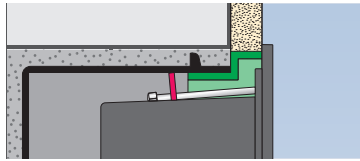
To make the recessed opening in concrete, we recommend using the type **A** installation housing.

EWIS



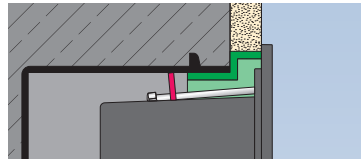
Surface mounting
in unplastered EWIS façades

The type **B** installation housing with different insulating elements allows an adjustment of the insulation depth from 120 - 200 mm.



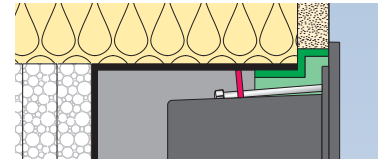
Surface mounting
in plastered brickwork

The type **C** plaster frame in conjunction with the type **A** installation housing makes it possible to compensate for different plaster thicknesses.



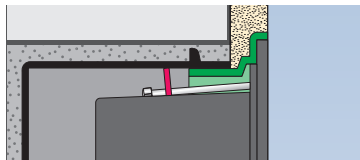
Surface mounting
in plastered concrete

The type **C** plaster frame in conjunction with the type **A** installation housing makes it possible to compensate for different plaster thicknesses.



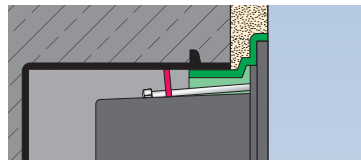
Surface mounting
in plastered EWIS façades

The type **C** plaster frame in conjunction with the type **B** installation housing makes it possible to compensate for different plaster thicknesses.



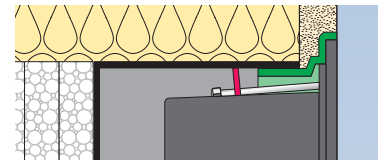
Flush mounting
in plastered brickwork

The type **D** plaster frame in conjunction with the type **A** installation housing makes it possible to compensate for different plaster thicknesses and allows the flush-mounting installation of the luminaires.



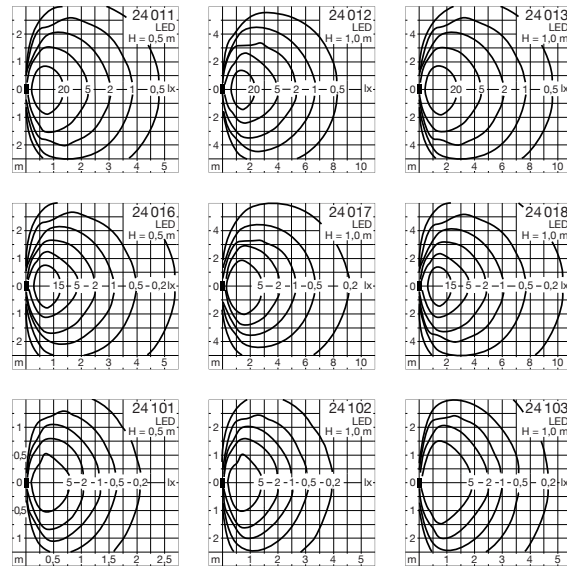
Flush mounting
in plastered concrete

The type **D** plaster frame in conjunction with the type **A** installation housing makes it possible to compensate for different plaster thicknesses and allows the flush-mounting installation of the luminaires.



Flush mounting
in plastered EWIS façades

The type **D** plaster frame in conjunction with the type **B** installation housing makes it possible to compensate for different plaster thicknesses and allows the flush-mounting installation of the luminaires.



LED recessed wall luminaires for flush or surface mounting Unshielded or shielded light

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We have developed these luminaires further and perfectly adapted their structure and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is now comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. The installation dimensions are identical to those of the previous luminaires. The slim yet screwless luminaire frames are highly distinctive.

Two groups of LED recessed wall luminaires for illuminating corridors, pathways and staircases both indoors and out:

- The unshielded luminaires are optionally available as luminaires for areas where a higher degree of illuminance is required, or as location luminaires with lower light output.
- The shielded luminaires are for marking dangerous areas and traffic areas in low ambient brightness.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

Perfectly matching accessories are available for the various installation situations.

You can find an overview on Page 42. During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

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

The power information might 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®.

Luminaire colour graphite or silver

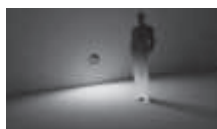
■ Graphite – article number · ■ Silver – article number + **A**



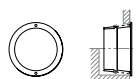
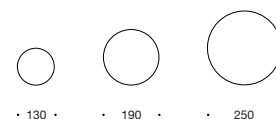
Recessed luminaire
Unshielded light



Location luminaire
Unshielded light



Location luminaire
Shielded light

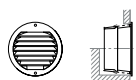


• A • • B •

You can find an overview of the various
installation options on Page 42.

Unshielded light								Install. housing		Plaster frame	
	LED		PSU	EEC	A	B	AC/DC	Type A	Type B	Type C	Type D
24 011	5.0 W	320 lm	On/Off	A++	130	100	✓	10 781	13 544	10 081	13 526
24 012	10.2 W	860 lm	DALI	A++	190	100	✓	10 486	13 545	10 086	13 527
24 013	14.8 W	1295 lm	DALI	A++	250	100	✓	10 487	13 546	10 087	13 528

Unshielded light as location luminaires								Install. housing		Plaster frame	
	LED		PSU	EEC	A	B	AC/DC	Type A	Type B	Type C	Type D
24 016	2.5 W	180 lm	On/Off	A++	130	100	✓	10 781	13 544	10 081	13 526
24 017	5.7 W	415 lm	On/Off	A++	190	100	✓	10 486	13 545	10 086	13 527
24 018	8.0 W	645 lm	On/Off	A++	250	100	✓	10 487	13 546	10 087	13 528

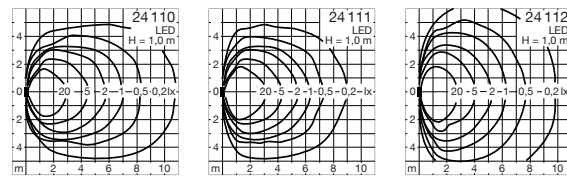


• A • • B •

You can find an overview of the various
installation options on Page 42.

Shielded light as location luminaires								Install. housing		Plaster frame	
	LED		PSU	EEC	A	B	AC/DC	Type A	Type B	Type C	Type D
24 101	2.5 W	10 lm	On/Off	A++	130	100	✓	10 781	13 544	10 081	13 526
24 102	5.7 W	35 lm	On/Off	A++	190	100	✓	10 486	13 545	10 086	13 527
24 103	8.0 W	70 lm	On/Off	A++	250	100	✓	10 487	13 546	10 087	13 528





LED recessed wall luminaires for flush or surface mounting

Asymmetrical flat beam light distribution

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We have developed these luminaires further and perfectly adapted their structure and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is now comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. The installation dimensions are identical to those of the previous luminaires. The slim yet screwless luminaire frames are highly distinctive.

Recessed wall luminaires with asymmetrical flat beam light distribution. The light is directed downwards and shielded above the light emission level. The luminaires are particularly suitable for the wide beam and uniform illumination of surfaces and paths near the luminaires.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

Perfectly matching accessories are available for the various installation situations.

You can find an overview on Page 42. During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

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

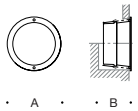
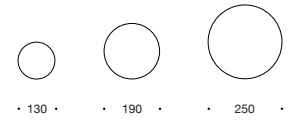
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical flat beam
light distribution

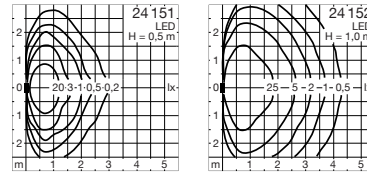


• A • • B •

You can find an overview of the various
installation options on Page 42.

Asymmetrical flat beam light distribution							Install. housing		Plaster frame		
	LED	PSU	EEC	A	B	AC/DC	Type A	Type B	Type C	Type D	
24 110	7.1 W	525 lm	On/Off	A++	130	100	✓	10 781	13 544	10 081	13 526
24 111	11.5 W	840 lm	DALI	A++	190	100	✓	10 486	13 545	10 086	13 527
24 112	20.0 W	1260 lm	DALI	A++	250	100	✓	10 487	13 546	10 087	13 528





LED recessed wall luminaires for flush or surface mounting Shielded light

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We have developed these luminaires further and perfectly adapted their structure and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is now comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. The installation dimensions are identical to those of the previous luminaires.

Recessed wall luminaires for the glare-free illumination of surfaces from a low mounting height. Luminaires that make important orientation points visible without glare from a low mounting height when it is dark or when the degree of illuminance is too low. They are also suitable for marking danger points.

Safety glass with light-directing texture distributes the light of the LED onto the surface to be illuminated. The glass is outside the visible area and is thus protected from damage.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

Perfectly matching accessories are available for the various installation situations.

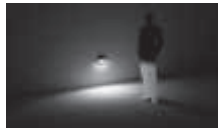
You can find an overview on Page 42. During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

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

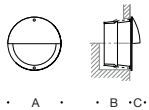
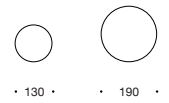
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Shielded light

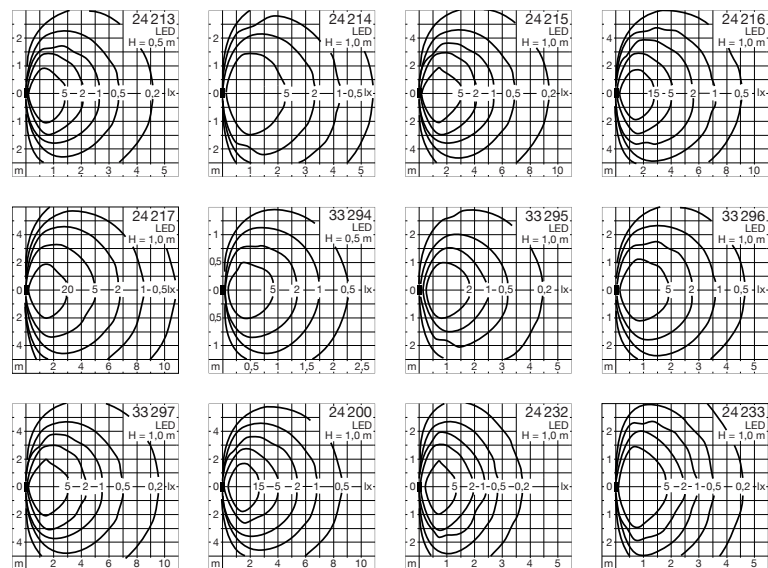


· A · · B · C ·

LED recessed wall luminaires · Shielded light								Install. housing		Plaster frame		
	LED		PSU	EEC	A	B	C	AC/DC	Type A	Type B	Type C	Type D
24 151	6.0 W	180 lm	On/Off	A ⁺⁺	130	100	20	✓	10 781	13 544	10 081	13 526
24 152	9.6 W	525 lm	DALI	A ⁺⁺	190	100	30	✓	10 486	13 545	10 086	13 527

You can find an overview of the various installation options on Page 42.





LED recessed wall luminaires for flush or surface mounting

Unshielded or shielded light

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We have developed these luminaires further and perfectly adapted their structure and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is now comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. The installation dimensions are identical to those of the previous luminaires. The slim yet screwless luminaire frames are highly distinctive.

Two groups of luminaires for illuminating corridors, pathways and staircases both indoors and outdoors.

- The unshielded luminaires are optionally available as luminaires for areas where a higher degree of illuminance is required, or as location luminaires with lower light output.
- The shielded luminaires are for marking dangerous areas and traffic areas in low ambient brightness.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Luminaires without power supply unit, with On/Off power supply unit or

DALI controllable power supply unit

20 years' availability guarantee for LED modules

A separate 24 V DC power supply unit is required to operate luminaires 24 213 · 33 294.

For technical data, see Page 537.

Perfectly matching accessories are available for the various installation situations.

You can find an overview on Page 42. During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

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

The power information might 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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



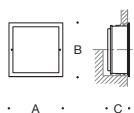
Recessed luminaire
Unshielded light



Location luminaire
Unshielded light



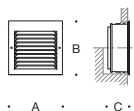
Location luminaire
Shielded light



You can find an overview of the various installation options on Page 42.

Unshielded light									Install. housing		Plaster frame		
	LED		Power supply unit	SC	EEC	A	B	C	AC/DC	Type A	Type B	Type C	Type D
24 213	4.0 W	90 lm	W/o* · 24 V DC	III	A++	80	80	70	—	10 406	—	10 006	10 070
24 214	5.0 W	255 lm	On/Off	I	A++	100	100	70	✓	10 782	—	10 082	10 071
24 215	8.5 W	600 lm	DALI	I	A++	150	150	80	✓	10 463	13 540	10 063	10 072
24 216	14.5 W	1170 lm	DALI	I	A++	190	190	80	✓	10 489	13 541	10 089	10 073
24 217	22.5 W	1540 lm	DALI	I	A++	250	250	105	✓	10 490	13 542	10 090	13 529

Unshielded light as location luminaires									Install. housing		Plaster frame		
	LED		Power supply unit	SC	EEC	A	B	C	AC/DC	Type A	Type B	Type C	Type D
33 294	2.3 W	60 lm	W/o* · 24 V DC	III	A++	80	80	70	—	10 406	—	10 006	10 070
33 295	2.5 W	130 lm	On/Off	I	A++	100	100	70	✓	10 782	—	10 082	10 071
33 296	3.9 W	310 lm	On/Off	I	A++	150	150	80	✓	10 463	13 540	10 063	10 072
33 297	6.8 W	600 lm	On/Off	I	A++	190	190	80	✓	10 489	13 541	10 089	10 073
24 200	11.5 W	790 lm	On/Off	I	A++	250	250	105	✓	10 490	13 542	10 090	13 529



You can find an overview of the various installation options on Page 42.

Shielded light as location luminaires									Install. housing		Plaster frame		
	LED		Power supply unit		EEC	A	B	C	AC/DC	Type A	Type B	Type C	Type D
24 232	3.9 W	45 lm	On/Off		A++	150	150	100	✓	10 463	13 540	10 063	10 072
24 233	6.8 W	85 lm	On/Off		A++	190	190	100	✓	10 489	13 541	10 089	10 073

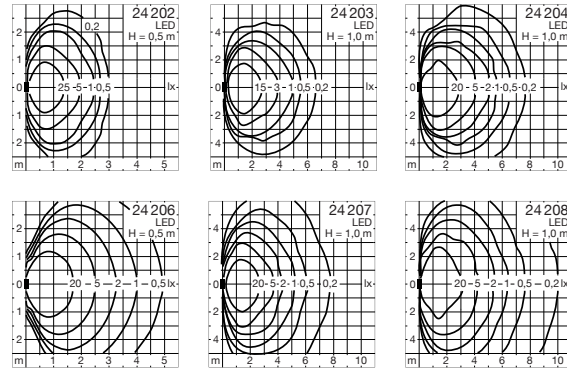
*You can find suitable power supply units on Page 537.

SC = Safety class



You can find emergency lighting luminaires with a single emergency lighting battery from this series at: bega.com/emergency-lighting





LED recessed wall luminaires for flush or surface mounting

Shielded light or asymmetrical flat beam light distribution

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We have developed these luminaires further and perfectly adapted their structure and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is now comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system.

The installation dimensions are identical to those of the previous luminaires.

Two groups of luminaires for illuminating corridors, pathways and staircases both indoors and outdoors.

- The shielded luminaires direct the light downwards, and are fully shielded above the horizontal. The highest degree of illuminance is achieved in the immediate vicinity of the luminaire. Luminaires with a high level of visual comfort for the uniform illumination of footpaths and surfaces with maximum glare suppression.
- These luminaires with asymmetrical flat beam light distribution emit their light into the width of the room. The light is directed downwards and shielded above the light emission level. For the wide beam and uniform illumination of surfaces and paths.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Reflector made of pure anodised aluminium · Safety glass

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

Perfectly matching accessories are available for the various installation situations.

You can find an overview on Page 42. During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

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

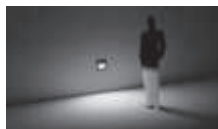
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

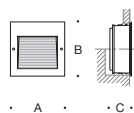
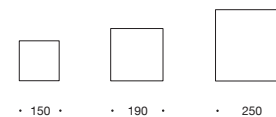
■ Graphite – article number · ■ Silver – article number + **A**



Shielded light



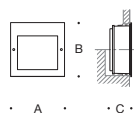
Asymmetrical flat beam
light distribution



Shielded light

	Shielded light							Install. housing		Plaster frame		
	LED	PSU	EEC	A	B	C	AC/DC	Type A	Type B	Type C	Type D	
24 202	4.1 W	250 lm	On/Off	A++	150	150	100	✓	10 463	13 540	10 063	10 072
24 203	7.0 W	450 lm	DALI	A++	190	190	100	✓	10 489	13 541	10 089	10 073
24 204	13.5 W	1055 lm	DALI	A++	250	250	105	✓	10 490	13 542	10 090	13 529

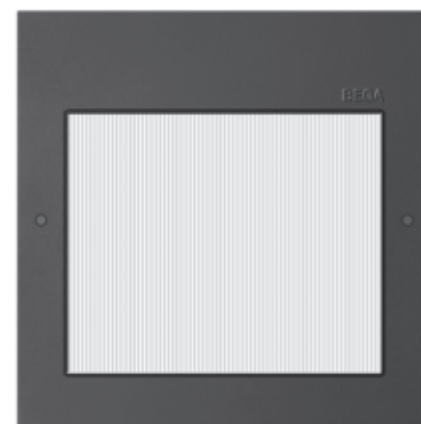
You can find an overview of the various installation options on Page 42.



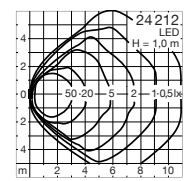
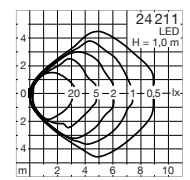
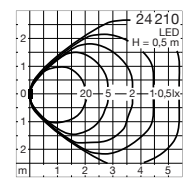
Asymmetrical flat beam light distribution

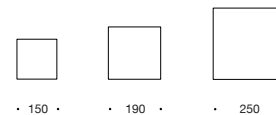
	Asymmetrical flat beam light distribution							Install. housing		Plaster frame		
	LED	PSU	EEC	A	B	C	AC/DC	Type A	Type B	Type C	Type D	
24 206	4.1 W	375 lm	On/Off	A++	150	150	100	✓	10 463	13 540	10 063	10 072
24 207	7.0 W	675 lm	DALI	A++	190	190	100	✓	10 489	13 541	10 089	10 073
24 208	13.5 W	1625 lm	DALI	A++	250	250	105	✓	10 490	13 542	10 090	13 529

You can find an overview of the various installation options on Page 42.



You can find emergency lighting luminaires with a single emergency lighting battery from this series at: bega.com/emergency-lighting





LED recessed wall and ceiling luminaires for flush or surface mounting

Asymmetrical light distribution

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We have developed these luminaires further and perfectly adapted their structure and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is now comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. The installation dimensions are identical to those of the previous luminaires.

Recessed luminaires for the glare-free illumination of floor, wall and ceiling surfaces, indoors and outdoors.

The luminaires create a high degree of illuminance on the surface to be illuminated. With their asymmetrical light distribution, they are especially suitable for providing spatial illumination.

Luminaires with floodlight characteristics for illuminating squares, driveways, stairs or wide footpaths.

When they are used for illuminating ceiling surfaces, the light distribution is suitable above all for illuminating canopies and cantilever roofs, subways or covered entrances.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

Perfectly matching accessories are available for the various installation situations. You can find an overview on Page 42.

During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

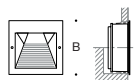
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might 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®.

Luminaire colour graphite or silver

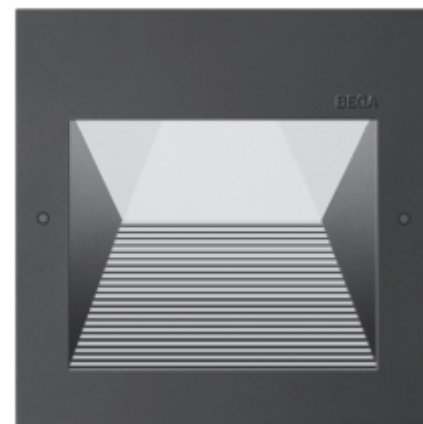
■ Graphite – article number · ■ Silver – article number + **A**

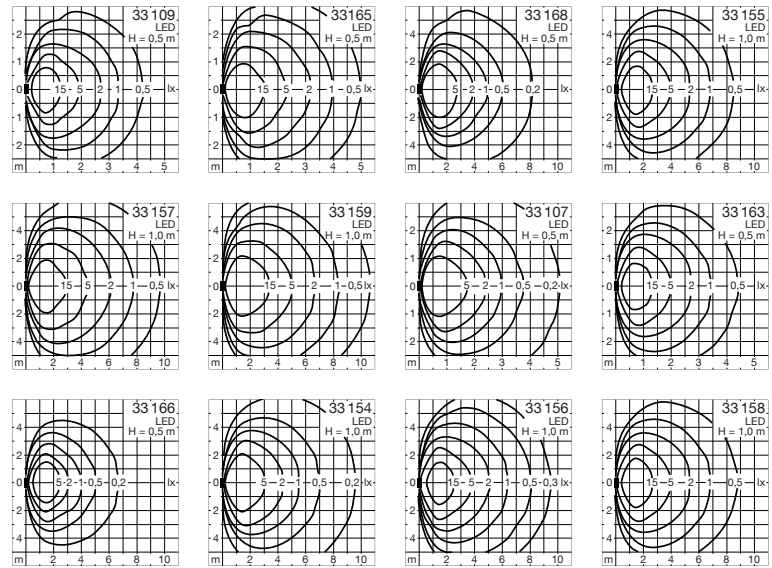


· A · · C ·

You can find an overview of the various installation options on Page 42.

Asymmetrical light distribution								Install. housing		Plaster frame		
	LED	PSU	EEC	A	B	C	AC/DC	Type A	Type B	Type C	Type D	
24 210	4.1 W	295 lm	On/Off	A++	150	150	100	✓	10 463	13 540	10 063	10 072
24 211	7.0 W	535 lm	DALI	A++	190	190	100	✓	10 489	13 541	10 089	10 073
24 212	13.5 W	1355 lm	DALI	A++	250	250	105	✓	10 490	13 542	10 090	13 529





**LED recessed luminaires for walls and stairs,
for flush or surface mounting**
Unshielded or shielded light

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We have developed these luminaires further and perfectly adapted their structure and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is now comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. The installation dimensions are identical to those of the previous luminaires.

Depending on their size, the luminaires can be installed in staircase risers and in walls both indoors and out.

- The unshielded luminaires are optionally available as luminaires for areas where a higher degree of illuminance is required, or as location luminaires with lower light output.
- The shielded luminaires are for marking dangerous areas and traffic areas in low ambient brightness.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

Perfectly matching accessories are available for the various installation situations.

You can find an overview on Page 42. During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

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

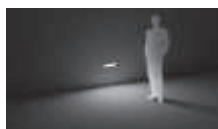
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Recessed luminaire
Unshielded light



Location luminaire
Unshielded light



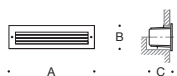
Location luminaire
Shielded light



You can find an overview of the various installation options on Page 42.

Unshielded light									Install. housing		Plaster frame	
	LED		PSU	EEC	A	B	C	AC/DC	Type A	Type B	Type C	Type D
33 109	5.1 W	330 lm	On/Off	A++	170	70	65	✓	10 424	13 519	10 024	13 503
33 165	7.6 W	515 lm	On/Off	A++	260	70	65	✓	10 425	13 520	10 025	13 504
33 168	10.8 W	700 lm	On/Off	A++	320	70	65	✓	10 426	13 521	10 026	13 505
33 155	14.8 W	905 lm	DALI	A++	330	125	90	✓	10 436	13 522	10 036	13 506
33 157	19.5 W	1330 lm	DALI	A++	420	125	90	✓	10 437	13 523	10 037	13 507
33 159	24.0 W	1720 lm	DALI	A++	520	125	90	✓	10 438	13 524	10 038	13 508

Unshielded light as location luminaires									Install. housing		Plaster frame	
	LED		PSU	EEC	A	B	C	AC/DC	Type A	Type B	Type C	Type D
33 107	2.5 W	170 lm	On/Off	A++	170	70	65	✓	10 424	13 519	10 024	13 503
33 163	4.5 W	240 lm	On/Off	A++	260	70	65	✓	10 425	13 520	10 025	13 504
33 166	4.9 W	335 lm	On/Off	A++	320	70	65	✓	10 426	13 521	10 026	13 505
33 154	7.0 W	515 lm	On/Off	A++	330	125	90	✓	10 436	13 522	10 036	13 506
33 156	10.0 W	745 lm	On/Off	A++	420	125	90	✓	10 437	13 523	10 037	13 507
33 158	12.0 W	940 lm	On/Off	A++	520	125	90	✓	10 438	13 524	10 038	13 508

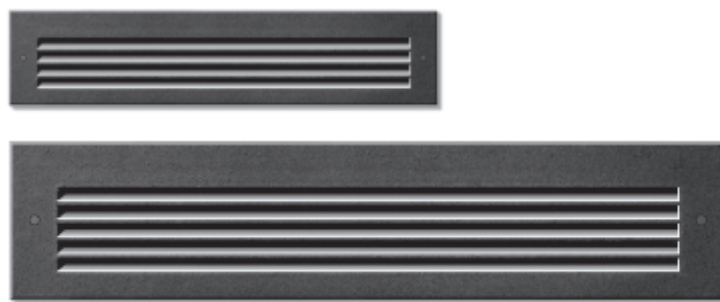


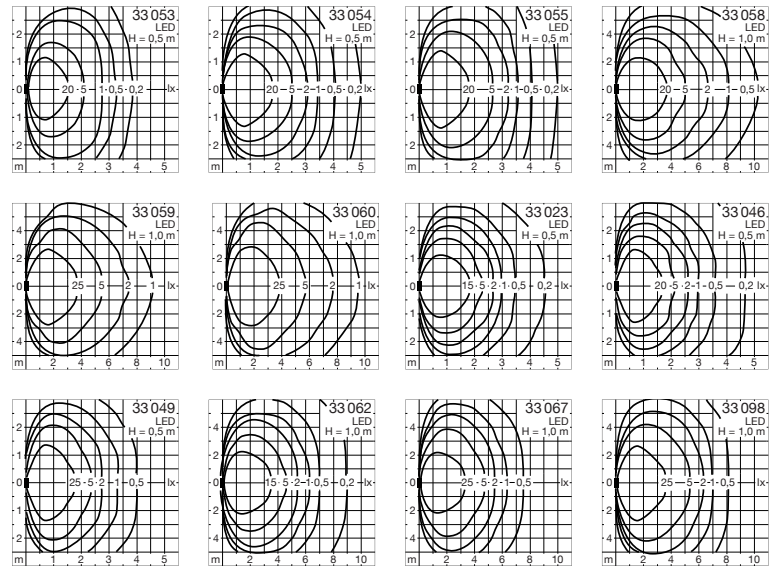
You can find an overview of the various installation options on Page 42.

Shielded light as location luminaires									Install. housing		Plaster frame	
	LED		PSU	EEC	A	B	C	AC/DC	Type A	Type B	Type C	Type D
33 017	2.6 W	30 lm	On/Off	A++	170	70	65	✓	10 424	13 519	10 024	13 503
33 018	4.5 W	45 lm	On/Off	A++	260	70	65	✓	10 425	13 520	10 025	13 504
33 019	4.9 W	65 lm	On/Off	A++	320	70	65	✓	10 426	13 521	10 026	13 505
33 050	7.0 W	60 lm	On/Off	A++	330	125	90	✓	10 436	13 522	10 036	13 506
33 051	10.0 W	95 lm	On/Off	A++	420	125	90	✓	10 437	13 523	10 037	13 507
33 052	12.0 W	115 lm	On/Off	A++	520	125	90	✓	10 438	13 524	10 038	13 508



You can find emergency lighting luminaires with a single emergency lighting battery from this series at: bega.com/emergency-lighting





LED recessed luminaires for walls and stairs, for flush or surface mounting

Asymmetrical or asymmetrical flat beam light distribution

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We have developed these luminaires further and perfectly adapted their structure and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is now comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. The installation dimensions are identical to those of the previous luminaires.

Depending on their size, the luminaires can be installed in staircase risers and in walls both indoors and out. The light of these two luminaire groups is directed downwards and is shielded above the light emission level.

- Luminaires with asymmetrical flat beam light distribution emit their light into the width of the room and illuminate ground surfaces uniformly with a wide beam.
- Luminaires with asymmetrical light distribution illuminate ground surfaces in the depth of the room.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

Perfectly matching accessories are available for the various installation situations.

You can find an overview on Page 42. During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

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

The power information might 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®.

Luminaire colour graphite or silver

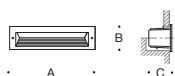
■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical
light distribution



Asymmetrical flat beam
light distribution



Asymmetrical light distribution

	LED	PSU	EEC	A	B	C	AC/DC
33 053	5.2 W	230 lm	On/Off	A++	170	70	65 ✓
33 054	7.8 W	340 lm	On/Off	A++	260	70	65 ✓
33 055	11.0 W	480 lm	On/Off	A++	320	70	65 ✓
33 058	14.8 W	1100 lm	DALI	A++	330	125	90 ✓
33 059	19.5 W	1485 lm	DALI	A++	420	125	90 ✓
33 060	24.0 W	1870 lm	DALI	A++	520	125	90 ✓

You can find an overview of the various installation options on Page 42.

Install. 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



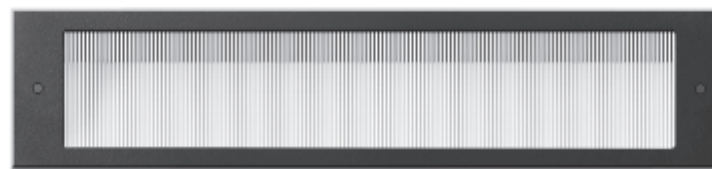
Asymmetrical flat beam light distribution

	LED	PSU	EEC	A	B	C	AC/DC
33 023	5.2 W	300 lm	On/Off	A++	170	70	65 ✓
33 046	7.8 W	465 lm	On/Off	A++	260	70	65 ✓
33 049	11.0 W	620 lm	On/Off	A++	320	70	65 ✓
33 062	14.8 W	1025 lm	DALI	A++	330	125	90 ✓
33 067	19.5 W	1470 lm	DALI	A++	420	125	90 ✓
33 098	24.0 W	1855 lm	DALI	A++	520	125	90 ✓

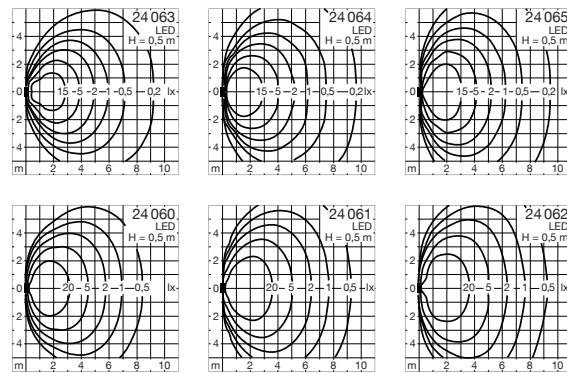
You can find an overview of the various installation options on Page 42.

Install. 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



You can find emergency lighting luminaires with a single emergency lighting battery from this series at: bega.com/emergency-lighting



LED recessed wall luminaires for flush or surface mounting

Surface washers for light from a low mounting height
Asymmetrical light distribution

For decades, BEGA luminaires with this design have been outstanding lighting construction details on numerous structures worldwide. We have enlarged this family of recessed wall luminaires by adding another luminaire group with new light characteristics.

These LED recessed wall luminaires are particularly suitable for illuminating ground surfaces from an extremely low mounting height (0.3 to 0.5 m). Luminaires in different sizes and light outputs for spatial illumination with good uniformity.

The extremely low maintenance requirements of our LED technology enable a new product concept with far easier and quicker installation. The electrical connection is now comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. The installation dimensions are identical to those of the previous luminaires.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

Perfectly matching accessories are available for the various installation situations.

You can find an overview on Page 42. During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

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

The power information might 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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

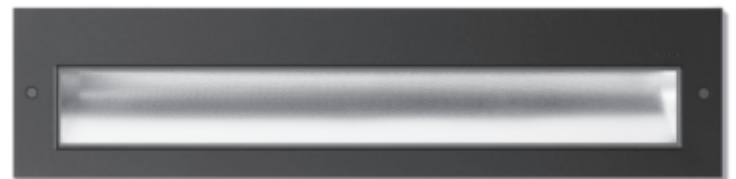


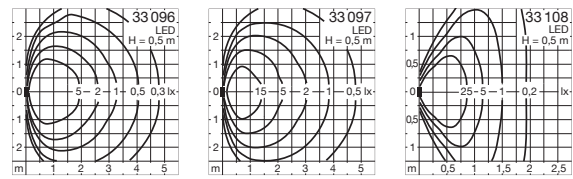
LED recessed wall luminaires for spatial illumination of ground surfaces from a very low mounting height.



You can find an overview of the various installation options on Page 42.

LED recessed wall luminaires · Asymmetrical light distribution									Install. housing		Plaster frame	
	LED	PSU	EEC	A	B	C	AC/DC	Type A	Type B	Type C	Type D	
24 063	6.1 W	300 lm	On/Off	A++	170	70	65	✓	10 424	13 519	10 024	13 503
24 064	9.2 W	490 lm	On/Off	A++	260	70	65	✓	10 425	13 520	10 025	13 504
24 065	11.0 W	555 lm	On/Off	A++	320	70	65	✓	10 426	13 521	10 026	13 505
24 060	15.0 W	850 lm	DALI	A++	330	125	90	✓	10 436	13 522	10 036	13 506
24 061	21.3 W	1165 lm	DALI	A++	420	125	90	✓	10 437	13 523	10 037	13 507
24 062	23.7 W	1460 lm	DALI	A++	520	125	90	✓	10 438	13 524	10 038	13 508





LED recessed wall luminaires for flush or surface mounting Unshielded or shielded light

LED recessed luminaires for installation in walls or stairs. The luminaires can be installed as flush or surface-mounted units. They are impressive not only because of their slim, LED-compatible design, but also because of their extremely simple and faster installation. The electrical connection is comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. The unshielded luminaires 33 096 · 33 097 can be mounted horizontally as well as vertically. Besides their use in walls, they are also suitable for installation in staircase risers both indoors and out.

Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Safety glass
BEGA Ultimate Driver® · On/Off power supply unit
20 years' availability guarantee for LED modules
33 096 · 33 097 Installation possible in any burning position

Perfectly matching accessories are available for the various installation situations. You can find an overview on Page 42. During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

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

The power information might 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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



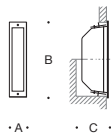
Unshielded light



Shielded light



The luminaires 33 096 · 33 097 can be installed vertically as well as horizontally. Besides their use in walls, they are also suitable for installation in staircase risers both indoors and out.



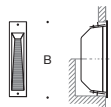
· A · · C ·

LED recessed wall luminaires · **Unshielded light**

	LED	PSU	EEC	A	B	C	AC/DC
33 096	3.9 W 130 lm	On/Off	A++	50	220	75	✓
33 097	5.8 W 280 lm	On/Off	A++	50	320	75	✓

You can find an overview of the various installation options on Page 42.

Install. housing		Plaster frame	
Type A	Type B	Type C	Type D
10 454	13 570	10 054	10 074
10 455	13 571	10 059	10 079



· A · · C ·

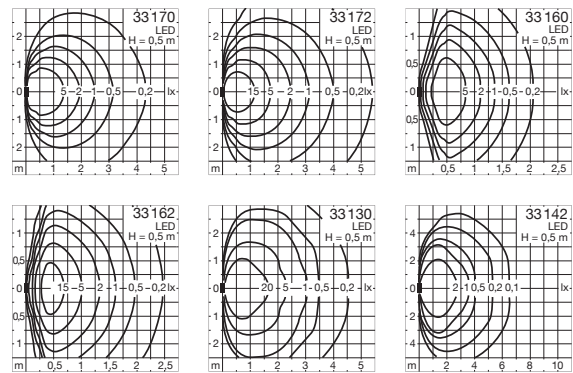
LED recessed wall luminaires · **Shielded light**

	LED	PSU	EEC	A	B	C	AC/DC
33 108	2.6 W 100 lm	On/Off	A++	50	220	75	✓

You can find an overview of the various installation options on Page 42.

Install. housing		Plaster frame	
Type A	Type B	Type C	Type D
10 454	13 570	10 054	10 074





LED recessed luminaires made of stainless steel for surface mounting for walls and staircases

Unshielded or shielded light or asymmetrical flat beam light distribution

Their compact dimensions make these luminaires particularly suitable for installation in staircase risers both indoors and out. Recessed luminaires for walls and stairs often have to meet particular customer requirements. Different types of stress caused by the building or external influences can act on these luminaires. Besides mechanical stress caused by vandalism, emissions or the washin and washout of aggressive media caused by the structure itself frequently occur.

For such applications where a high degree of material resistance is desirable, this series offers you luminaires whose cover frames and luminaire housings are made entirely of stainless steel.

The unshielded luminaires can also be installed in a vertical burning position. Shallow installation depths and the BEGA mounting system ensure simple and economical installation in solid or hollow structures.

Protection class IP 65 · BEGA Thermal Management®
 Housings and cover frames made of stainless steel · Safety glass
 Connecting cable and line connector
 BEGA Ultimate Driver® · On/Off power supply unit
 20 years' availability guarantee for LED modules

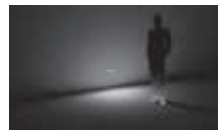
Perfectly matching accessories are available for the various installation situations. During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

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

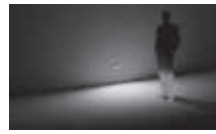
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.



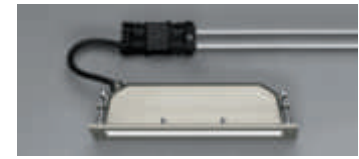
Recessed luminaire
Unshielded light



Location luminaire
Shielded light



Recessed luminaire
Asymmetrical flat beam
light distribution



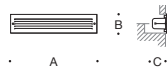
Luminaires with very high material resistance:
luminaire housing and cover frame made of
stainless steel



Unshielded light

	LED	PSU	EEC	A	B	C	AC/DC	Install. housing	Plaster frame
33 170	2.5 W 100 lm	On/Off	A++	165	70	85	✓	10 424	10 024
33 172	4.0 W 185 lm	On/Off	A++	315	70	85	✓	10 426	10 026

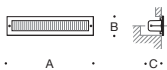
Accessories



Shielded light

	LED	PSU	EEC	A	B	C	AC/DC	Install. housing	Plaster frame
33 160	2.5 W 10 lm	On/Off	A++	165	70	85	✓	10 424	10 024
33 162	4.0 W 20 lm	On/Off	A++	315	70	85	✓	10 426	10 026

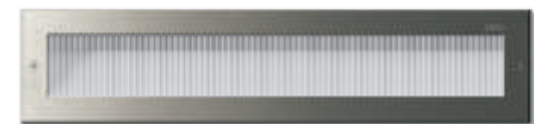
Accessories



Asymmetrical flat beam light distribution

	LED	PSU	EEC	A	B	C	AC/DC	Install. housing	Plaster frame
33 130	5.2 W 255 lm	On/Off	A++	165	70	85	✓	10 424	10 024
33 142	6.9 W 690 lm	On/Off	A++	315	70	85	✓	10 426	10 026

Accessories





LED recessed wall and ceiling luminaires made of stainless steel for surface mounting

Unshielded luminaires, luminaires with asymmetrical light distribution or RGB recessed luminaires for additive colour mixing

Recessed wall and ceiling luminaires for different applications – LED luminaires made of stainless steel. Corrosion-proof luminaires with high structural strength. Luminaires that guarantee reliable and cost-effective operation. Different dimensions are available for your lighting applications. Luminaires whose cover frames and luminaire glass – without offset – lie flat in a single plane.

The unshielded luminaires are optionally available as location luminaires with lower light output, or as luminaires for areas where a higher degree of illuminance is required. Shallow installation depths and the BEGA mounting system ensure simple and economical installation in solid or hollow structures.

Protection class IP67 · Safety class III

Housings and cover frames made of stainless steel · Safety glass

Reflector made of pure anodised aluminium · Connecting cable

Luminaires without power supply unit

20 years' availability guarantee for LED modules

Installation depth 60 mm · Installation possible in any burning position

A separate 24 V DC power supply unit is required to operate the luminaires.

For technical data, see Page 537.

RGB luminaires suitable for integration in light and building control systems.

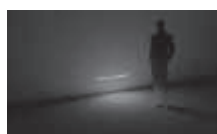
An operating device and a colour light control are also required to operate the RGB luminaires. For DALI system components, see Pages 538 to 542.

Perfectly matching 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.

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

The power information might 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 and maximum ambient temperature.



Location luminaire
Unshielded light



Recessed luminaire
Unshielded light



Recessed luminaire
Asymmetrical light distribution



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



1000



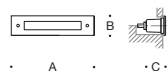
100



200



400



A B C D

Location luminaires - Unshielded light

	LED		Power supply unit	EEC	A	B	C	D	Install. housing
33 280	0.2 W	2 lm	W/o* · 24 V DC	A++	100	37	45	60	10 633
33 281	0.35 W	4 lm	W/o* · 24 V DC	A++	200	37	45	60	10 634
33 282	0.7 W	15 lm	W/o* · 24 V DC	A++	400	37	45	60	10 639
33 283	2.1 W	55 lm	W/o* · 24 V DC	A++	1000	55	45	60	10 795

Recessed luminaires - Unshielded light

	LED		Power supply unit	EEC	A	B	C	D	Install. housing
33 287	2.2 W	45 lm	W/o* · 24 V DC	A++	200	37	45	60	10 634
33 288	5.0 W	115 lm	W/o* · 24 V DC	A++	400	37	45	60	10 639
33 289	9.6 W	210 lm	W/o* · 24 V DC	A++	1000	55	45	60	10 795

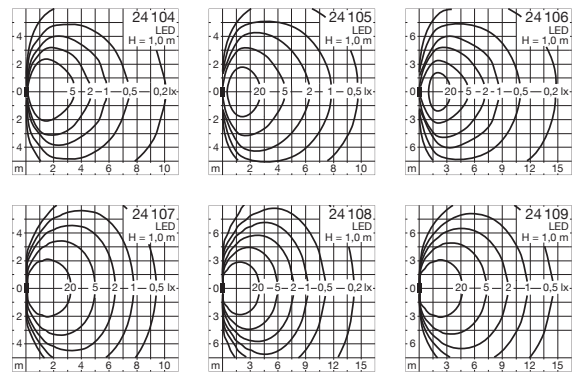
Recessed luminaires - Asymmetrical light distribution

	LED		Power supply unit	EEC	A	B	C	D	Install. housing
33 285	3.6 W	170 lm	W/o* · 24 V DC	A++	400	55	45	60	10 561
33 286	9.6 W	495 lm	W/o* · 24 V DC	A++	1000	55	45	60	10 795

RGB recessed luminaires for additive colour mixing

	LED		Power supply unit		A	B	C	D	Install. housing
33 291	4.1 W		W/o* · 24 V DC		200	37	45	60	10 634
33 292	10.2 W		W/o* · 24 V DC		400	37	45	60	10 639
33 293	25.0 W		W/o* · 24 V DC		1000	55	45	60	10 795

*You will find suitable power supply units on Page 537.



LED recessed wall luminaires made of stainless steel for surface mounting

Unshielded light or asymmetrical light distribution

Large-format LED recessed wall luminaires in different sizes. Unshielded luminaires and luminaires with asymmetrical light distribution for glare-free illumination of ground surfaces. The various luminaire lengths and light outputs create a large variety of light design options. Distinctive luminaires of impressive quality. Design elements which – arranged individually, in rows or in groups – open up interesting illumination possibilities. The luminaires are supplied with a recessed housing for installation in solid or hollow structures.

Protection class IP 65 · BEGA Thermal Management®

Cover frame made of stainless steel

Luminaire housing and installation housing made of aluminium

Safety glass · Reflector made of pure anodised aluminium

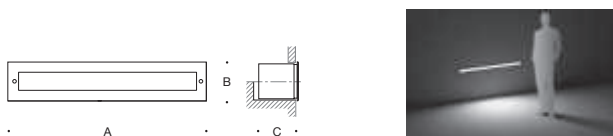
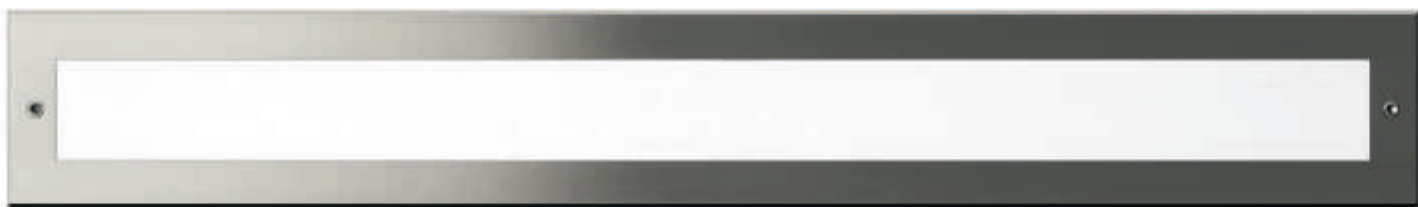
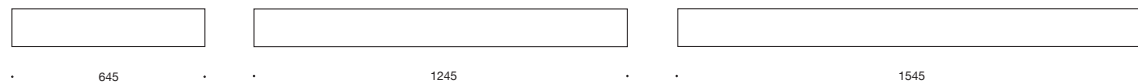
DALI controllable

20 years' availability guarantee for LED modules

Supplied with recessed housing

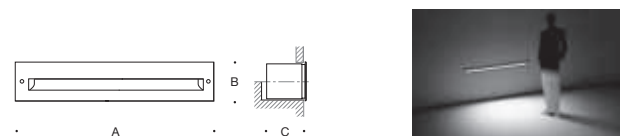
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might 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®.



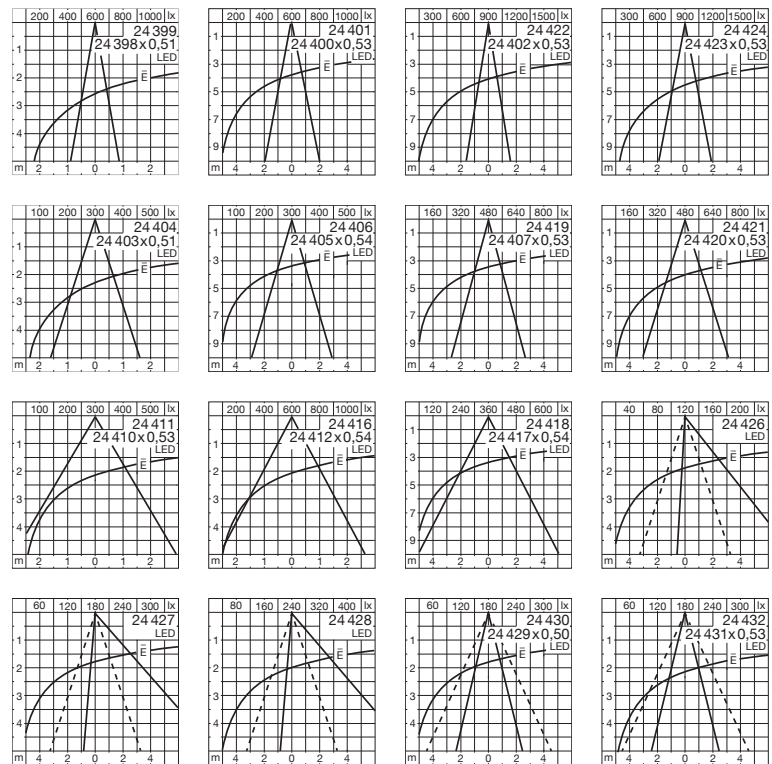
Unshielded light

	LED		PSU	EEC	A	B	C	AC/DC
24 104	12.0 W	575 lm	DALI	A++	645	125	125	✓
24 105	26.0 W	1305 lm	DALI	A++	1245	125	125	✓
24 106	36.4 W	1600 lm	DALI	A++	1545	125	125	✓



Asymmetrical light distribution

	LED		PSU	EEC	A	B	C	AC/DC
24 107	16.0 W	1210 lm	DALI	A++	645	125	125	✓
24 108	31.0 W	2390 lm	DALI	A++	1245	125	125	✓
24 109	45.0 W	3410 lm	DALI	A++	1545	125	125	✓



LED compact downlights

Symmetrical, asymmetrical or flat beam light distribution

LED compact downlights with BEGA Hybrid Optics®. This lens-reflector combination offers the advantages of both lens and reflector technology.

This results in highly efficient, low-loss optical systems with optimum glare suppression and very compact dimensions. We do not use any plastic lenses, but only materials that are permanently resistant to ageing, such as glass, aluminium and silicone.

For technical information, see Page 10.

These luminaires are available with different LED outputs, half beam angles and dimensions.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector surface made of pure aluminium · Optical silicone lens · BEGA Hybrid Optics®

Luminaires with asymmetrical light distribution: BEGA Constant Optics®

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

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

The power information might 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®.

Luminaire colour graphite or white

■ Graphite – article number · □ White – article number + **W**



Symmetrical light distribution								
Narrow beam	LED		β	PSU	EEC	A	B	AC/DC
24 398	5.0 W	460 lm	20°	On/Off	A++	100	110	✓
24 399	9.3 W	900 lm	20°	On/Off	A++	100	110	✓
24 400	9.5 W	1225 lm	21°	DALI	A++	130	135	✓
24 401	19.6 W	2295 lm	21°	DALI	A++	130	135	✓
24 402	14.0 W	1615 lm	15°	DALI	A++	150	150	✓
24 422	28.0 W	3030 lm	15°	DALI	A++	150	150	✓
24 423	20.0 W	2465 lm	20°	DALI	A++	190	190	✓
24 424	39.5 W	4650 lm	20°	DALI	A++	190	190	✓
Wide beam								
24 403	5.0 W	460 lm	35°	On/Off	A++	100	110	✓
24 404	9.3 W	900 lm	35°	On/Off	A++	100	110	✓
24 405	9.5 W	1215 lm	37°	DALI	A++	130	135	✓
24 406	19.6 W	2265 lm	37°	DALI	A++	130	135	✓
24 407	14.0 W	1610 lm	30°	DALI	A++	150	150	✓
24 419	28.0 W	3025 lm	30°	DALI	A++	150	150	✓
24 420	20.0 W	2410 lm	31°	DALI	A++	190	190	✓
24 421	39.5 W	4565 lm	31°	DALI	A++	190	190	✓
Very wide beam								
24 408	5.0 W	460 lm	54°	On/Off	A++	100	110	✓
24 409	9.3 W	900 lm	54°	On/Off	A++	100	110	✓
24 410	9.5 W	1180 lm	61°	DALI	A++	130	135	✓
24 411	19.6 W	2210 lm	61°	DALI	A++	130	135	✓
24 412	14.0 W	1640 lm	58°	DALI	A++	150	150	✓
24 416	28.0 W	3035 lm	58°	DALI	A++	150	150	✓
24 417	20.0 W	2635 lm	56°	DALI	A++	190	190	✓
24 418	39.5 W	4910 lm	56°	DALI	A++	190	190	✓

β = half beam angle



Asymmetrical light distribution · Wall washers								
	LED		β	PSU	EEC	A	B	AC/DC
24 425	9.3 W	770 lm	63/64°	On/Off	A++	100	110	✓
24 426	14.0 W	1210 lm	63/64°	DALI	A++	130	135	✓
24 427	20.0 W	1900 lm	70/67°	DALI	A++	150	150	✓
24 428	28.0 W	3005 lm	67/65°	DALI	A++	190	190	✓

Flat beam light distribution								
	LED		β	PSU	EEC	A	B	AC/DC
24 429	9.5 W	950 lm	53/108°	DALI	A++	130	135	✓
24 430	19.6 W	1920 lm	53/108°	DALI	A++	130	135	✓
24 431	14.0 W	1380 lm	55/110°	DALI	A++	150	150	✓
24 432	28.0 W	2600 lm	55/110°	DALI	A++	150	150	✓





LED compact downlights

Rotationally symmetrical light distribution with additional vertical light

Compact and efficient downlights with various housing sizes and light outputs of more than 3200 lumen. Cost-efficient luminaires for your lighting applications. The high protection class and excellent workmanship make them durable and reliable lighting tools for indoors and outdoors.

The partially frosted crystal glass of this LED ceiling luminaire creates an additional vertical share of light and supplements the downward-directed light with multi-faceted light graphics and a high level of visual comfort.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Crystal glass, partially frosted

Reflector made of pure anodised aluminium

A separate power supply unit · 24 V DC is required to operate luminaire 66 050.

For technical data, see Page 537.

Luminaires without power supply unit, with On/Off power supply unit or DALI controllable power supply unit

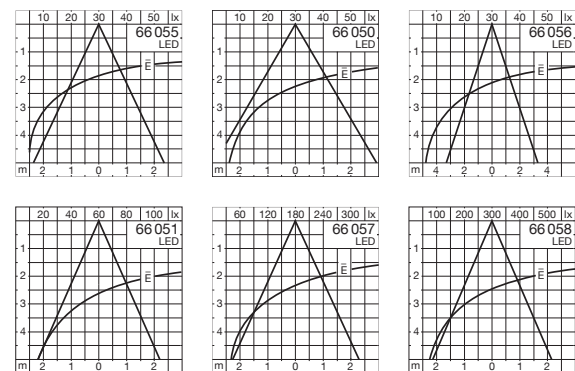
20 years' availability guarantee for LED modules

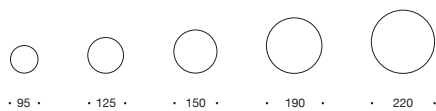
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The power information might 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®.

Luminaire colour graphite or white

■ Graphite – article number · □ White – article number + **W**





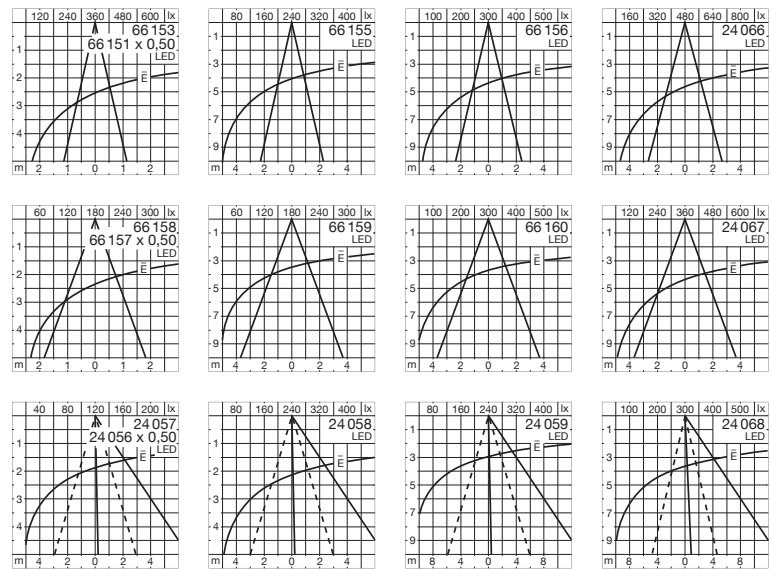
LED compact downlights

	LED	PSU	SC	EEC	β	A	B	AC/DC
66 055	4.1 W	300 lm	On/Off	I	A++	70°	95 95	✓
66 050	5.5 W	470 lm	w/o* · 24 V DC	III	A++	68°	95 95	—
66 056	6.0 W	545 lm	On/Off	I	A++	62°	125 115	✓
66 051	11.8 W	800 lm	DALI	I	A++	57°	150 135	✓
66 057	18.7 W	1830 lm	DALI	I	A++	53°	190 160	✓
66 058	39.3 W	3275 lm	DALI	I	A++	46°	220 175	✓

* You can find suitable PSUs on Page 537.

SC= Safety class

β = Half beam angle



LED compact downlights

Symmetrical narrow beam, symmetrical wide beam or asymmetrical wide beam light distribution

A series of very efficient downlights which set new standards of compactness and efficiency with their different housing sizes, light distributions and light outputs. These luminaires are optionally available with symmetrical narrow beam, symmetrical wide beam or asymmetrical wide beam light distribution for your lighting applications. The high protection class and excellent workmanship make them durable and reliable lighting tools for indoors and outdoors.

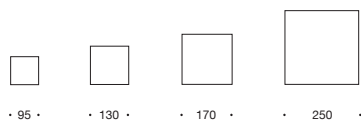
Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Reflector surface made of pure aluminium · BEGA Vortex Optics®
 Luminaires optionally with On/Off PSU or DALI controllable PSU
 20 years' availability guarantee for LED modules

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

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®.

Luminaire colour graphite or white

■ Graphite – article number · □ White – article number + **W**



Symmetrical narrow beam light distribution

	LED	PSU	EEC	β	A	B	AC/DC
66 151	4.1 W	335 lm	On/Off	A++	24°	95 × 95	90 ✓
66 153	9.6 W	635 lm	On/Off	A++	25°	95 × 95	90 ✓
66 155	21.0 W	1370 lm	DALI	A++	25°	130 × 130	100 ✓
66 156	38.2 W	2615 lm	DALI	A++	27°	170 × 170	100 ✓
24 066	71.0 W	4500 lm	DALI	A++	27°	250 × 250	110 ✓



Symmetrical wide beam light distribution

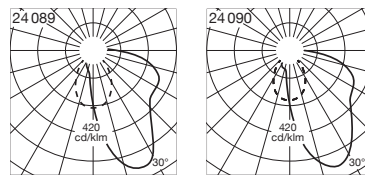
	LED	PSU	EEC	β	A	B	AC/DC
66 157	4.1 W	405 lm	On/Off	A++	40°	95 × 95	90 ✓
66 158	9.6 W	820 lm	On/Off	A++	38°	95 × 95	90 ✓
66 159	21.0 W	1670 lm	DALI	A++	38°	130 × 130	100 ✓
66 160	38.2 W	3415 lm	DALI	A++	41°	170 × 170	100 ✓
24 067	71.0 W	6150 lm	DALI	A++	41°	250 × 250	110 ✓



Asymmetrical wide beam light distribution

	LED	PSU	EEC	β	A	B	AC/DC
24 056	4.1 W	320 lm	On/Off	A++	50/52°	95 × 95	90 ✓
24 057	9.6 W	585 lm	On/Off	A++	50/52°	95 × 95	90 ✓
24 058	21.0 W	1490 lm	DALI	A++	50/52°	130 × 130	100 ✓
24 059	38.2 W	2495 lm	DALI	A++	46/52°	170 × 170	100 ✓
24 068	71.0 W	5900 lm	DALI	A++	46/52°	250 × 250	110 ✓

β = Half beam angle



LED compact downlights · Wall washers
Asymmetrical light distribution

Very compact and efficient downlights with asymmetrical wide beam light distribution. Surface-mounted ceiling luminaires for uniform illumination of walls from the ceiling. Luminaires with high light output with which impressive lighting effects can be achieved. The high protection class and the exceptional workmanship make these luminaires durable and reliable lighting tools for indoors and out.

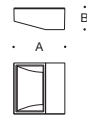
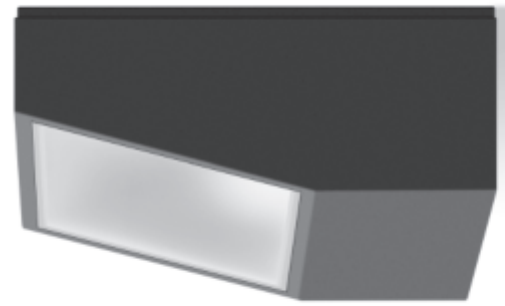
Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Safety glass
Reflector made of pure anodised aluminium
DALI controllable
20 years' availability guarantee for LED modules

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

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®.

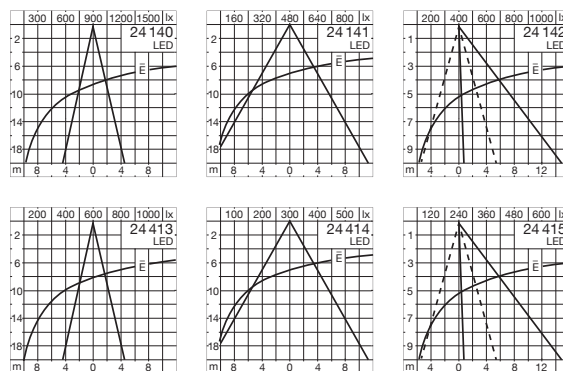
Luminaire colour graphite or white

■ Graphite – article number · □ White – article number + **W**



LED compact downlights · Wall washers

	LED	PSU	EEC	A	B	AC/DC
24 089	22.4 W 2695 lm	DALI	A ⁺⁺	170×170	75	✓
24 090	41.0 W 5105 lm	DALI	A ⁺⁺	245×245	105	✓



LED hall downlights · High bay

For high ambient temperatures · $t_a = 40/50^\circ\text{C}$

Symmetrical narrow beam, symmetrical wide beam or asymmetrical wide beam light distribution

Hall downlights are luminaires for large and tall rooms such as departure halls, factories, sports halls or auditoriums. These new hall downlights are impressive not only because of their high light output and compact size, but also their exceptionally high all-round quality. The optical system of these luminaires sets new standards in terms of glare suppression and ensures maximum visual comfort.

The materials used for deflecting light and optimising efficiency are virtually wear-free. Instead of plastic lenses with questionable ageing properties and thermal stability, BEGA uses only glass, silicone and aluminium.

For technical information, see Page 10.

Our highly efficient reflectors are available with three different forms of light distribution for your planning work.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure aluminium

Ballproof · DALI controllable

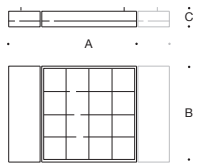
20 years' availability guarantee for LED modules

BEGA High Bay luminaires can either be mounted with a mounting frame directly under ceilings and cantilever plates or suspended from high ceilings with 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 compatible BEGA mounting frames and the BEGA steel wire set can be found in the data sheets on our website.

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

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®.

■ Luminaire colour graphite



LED hall downlights · **Symmetrical narrow beam** light distribution

	LED		t_a	PSU	EEC	A	B	C	AC/DC
24 413	178.0 W	21 200 lm	50 °C	DALI	A ⁺⁺	590	440	110	✓
24 140	300.0 W	35 000 lm	40 °C	DALI	A ⁺⁺	745	440	110	✓

Mounting frame

Steel wire set

13 575
13 576

13 582
13 582



LED hall downlights · **Symmetrical wide beam** light distribution

	LED		t_a	PSU	EEC	A	B	C	AC/DC
24 414	178.0 W	21 200 lm	50 °C	DALI	A ⁺⁺	590	440	110	✓
24 141	300.0 W	35 000 lm	40 °C	DALI	A ⁺⁺	745	440	110	✓

Mounting frame

Steel wire set

13 575
13 576

13 582
13 582



LED hall downlights · **Asymmetrical wide beam** light distribution

	LED		t_a	PSU	EEC	A	B	C	AC/DC
24 415	178.0 W	19 500 lm	50 °C	DALI	A ⁺⁺	590	440	110	✓
24 142	300.0 W	32 000 lm	40 °C	DALI	A ⁺⁺	745	440	110	✓

Mounting frame

Steel wire set

13 575
13 576

13 582
13 582



LED ceiling-mounted downlights

Symmetrical narrow beam, symmetrical wide beam or asymmetrical wide beam light distribution

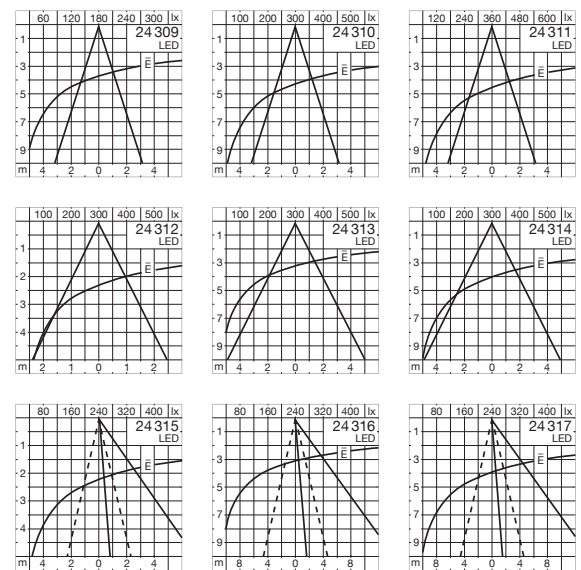
A series of very efficient linear downlights which set new standards of compactness and efficiency with their various housing lengths, light distributions and light outputs. These luminaires are optionally available with symmetrical narrow beam, symmetrical wide beam or asymmetrical wide beam light distribution for your lighting applications. Luminaires for linear illumination both indoors and out.

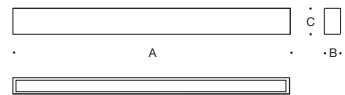
Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Reflector surface made of pure aluminium · BEGA Vortex Optics®
 DALI controllable
 20 years' availability guarantee for LED modules

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

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®.

■ Luminaire colour graphite





Symmetrical narrow beam light distribution

	LED	PSU	EEC	β	A	B	C	AC/DC	
24 309	18.5 W	1550 lm	DALI	A++	34°	520	60	105	✓
24 310	36.0 W	3200 lm	DALI	A++	34°	1015	60	105	✓
24 311	55.0 W	4705 lm	DALI	A++	34°	1505	60	105	✓



Symmetrical wide beam light distribution

	LED	PSU	EEC	β	A	B	C	AC/DC	
24 312	18.5 W	2150 lm	DALI	A++	55°	520	60	105	✓
24 313	36.0 W	4305 lm	DALI	A++	55°	1015	60	105	✓
24 314	55.0 W	6830 lm	DALI	A++	55°	1505	60	105	✓



Asymmetrical light distribution

	LED	PSU	EEC	β	A	B	C	AC/DC	
24 315	18.5 W	1945 lm	DALI	A++	42/50°	520	60	105	✓
24 316	36.0 W	3950 lm	DALI	A++	42/50°	1015	60	105	✓
24 317	55.0 W	6100 lm	DALI	A++	42/50°	1505	60	105	✓

β = Half beam angle



LED large-area luminaires

Ceiling and wall luminaires

BEGA large-area luminaires – a group of luminaires for uniform light over very large areas. These luminaires open up new and creative design options in many areas of architecture. For optimum coordination of the light with the lighting situation in question, the luminaires are DALI controllable.

A long service life and the cost-effectiveness of the LED also cut maintenance and operating costs.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Synthetic cover with white light-diffusing matt finish

24 128 · 33 312 Safety glass

DALI controllable

20 years' availability guarantee for LED modules

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

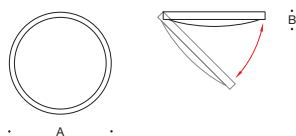
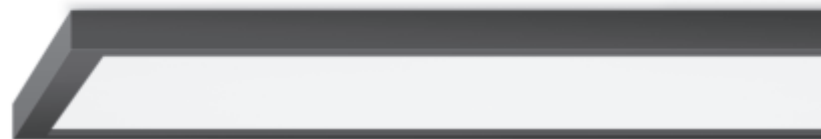
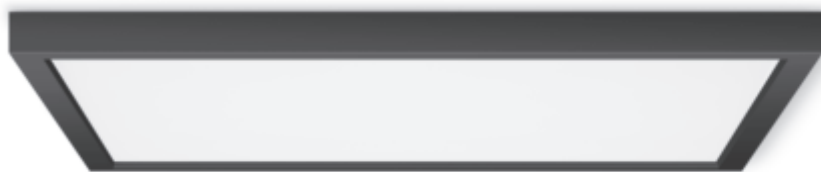
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite, white or silver

■ Graphite – article number

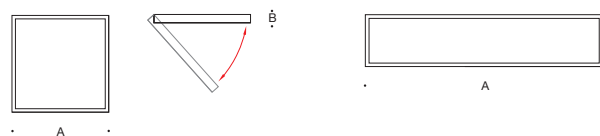
□ White – article number + **W**

■ Silver – article number + **A**



LED large-area luminaires · **Round**

	LED	PSU	EEC	A	B	AC/DC
24 230	55.0 W 6520 lm	DALI	A++	670	125	✓
24 231	133.0 W 16 140 lm	DALI	A++	930	140	✓
24 125	216.0 W 25 500 lm	DALI	A++	1250	145	✓



LED large-area luminaires · **Square and rectangular**

	LED	PSU	EEC	A	B	AC/DC
24 128	60.0 W 5850 lm	DALI	A++	625×625	55	✓
33 312	116.0 W 7245 lm	DALI	A++	1535×335	55	✓





LED large-area luminaires

Ceiling and wall luminaires

BEGA large-area luminaires – a group of luminaires for uniform light over very large areas with diameters of 1,000 and 1,300 mm. These luminaires open up new and creative options for light design in many areas of architecture. The white synthetic cover distributes the LED light uniformly on the illuminated surface. For optimum coordination of the light

with the lighting situation in question, all luminaires are DALI controllable. For use indoors, you will also find identical luminaires with this design in “tunable white” in the BEGA range of indoor luminaires.

A long service life and the cost-effectiveness of the LED also cut maintenance and operating costs.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Synthetic cover

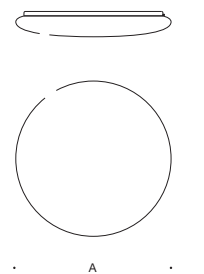
DALI controllable

20 years' availability guarantee for LED modules

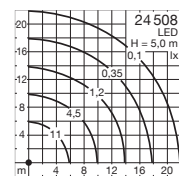
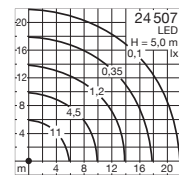
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website.

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®.

Luminaire colour white



LED large-area luminaires							
	LED	PSU	EEC	A	B	AC/DC	
24 730	101.0 W	12365 lm	DALI	A++	1000	165	✓
24 731	140.0 W	16885 lm	DALI	A++	1300	170	✓





LED pendant luminaires

Shielded light, symmetrical wide beam light distribution

LED pendant luminaires in a choice of two versions. An integral reflector unit directs the light downwards in a rotationally symmetrical wide beam. The luminaires with their clear synthetic cylinder create a vertical light fraction in addition to the horizontal illuminance. Parts of the building in the immediate vicinity of the luminaires are thus illuminated and persons easily identified – luminaires for good visual comfort in arcades, galleries and passageways.

You can find pendant luminaires for catenary systems with the same design features but with different dimensions on Page 470.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

24 508 Clear synthetic cylinder · Reflector made of pure anodised aluminium

With cable pendant and connection box

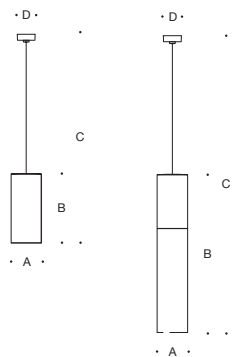
BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

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

The power information might 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®.

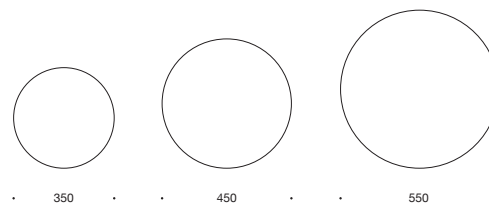
■ Luminaire colour graphite



LED pendant luminaire								
	LED	PSU	EEC	A	B	C	D	AC/DC
24 507	40.0 W	4105 lm	DALI	A ⁺⁺	190	440	2630	110 ✓

LED pendant luminaire with clear synthetic cylinder								
	LED	PSU	EEC	A	B	C	D	AC/DC
24 508	40.0 W	4520 lm	DALI	A ⁺⁺	190	985	3180	110 ✓





The sphere · Pendant luminaires

Unshielded light

The sphere is surely the classic among unshielded pendant luminaires. These timeless luminaires have lost none of their topicality. They have been integral components of our indoor and outdoor luminaire ranges for decades. We have now fitted these luminaires with state-of-the-art LED. They create unshielded light with a high degree of uniformity and ensure good visual comfort in arcades, galleries and passageways.

Protection class IP 64 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · White synthetic material
 With cable pendant and connection box · Black cable pendant
 LED luminaires: DALI controllable
 20 years' availability guarantee for LED modules

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


The power information might 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®.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

Luminaire colour white

Fig. left: Pendant luminaire as a custom-made product with a white cable pendant and without a canopy.



 You can find
LED lamps on
Page 534.

Pendant luminaires

	LED	PSU	EEC	A	B	D	AC/DC
24 129	18.0 W 2445 lm	DALI	A++	350	2000	115	✓
24 130	38.7 W 5540 lm	DALI	A++	450	3000	115	✓
24 131	51.0 W 7750 lm	DALI	A++	550	4000	115	✓
	Lamp	Base					
66 105	1 lamp 150 W	E 27	A++-E	350	2000	115	—



Ceiling and wall luminaires

Ceiling and wall luminaires in four sizes. Optionally with integrated LED module or for lamps with screw base E 27. Luminaires with hand-blown, three-ply opal glass.

Opal glass is an outstanding lighting material which distributes the light smoothly and uniformly over the surface of the glass.

Used singly or in groups, these luminaires are excellent design elements for a multitude of lighting applications indoors and outdoors.

Protection class IP 64 · BEGA Thermal Management®

Aluminium and stainless steel · Satin matt opal glass

LED luminaires: DALI controllable

20 years' availability guarantee for LED modules

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

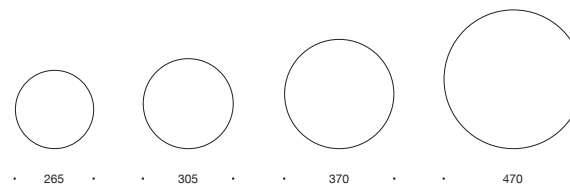
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website.

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®.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

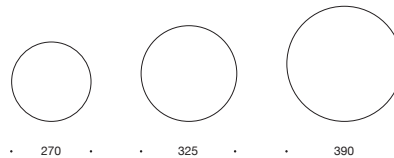




 You can find
LED lamps on
Page 534.

Ceiling and wall luminaires

	LED	PSU	EEC	A	B	AC/DC
33 636	16.6 W	1225 lm	DALI	A++	265 80	✓
33 638	23.0 W	1860 lm	DALI	A++	305 90	✓
33 639	29.3 W	2360 lm	DALI	A++	370 90	✓
33 640	48.0 W	3450 lm	DALI	A++	470 100	✓
	Lamp	Base				
33 632	2 lamps	60 W	E 27	A++-E	305 90	—
33 634	3 lamps	60 W	E 27	A++-E	370 90	—



LED ceiling and wall luminaires

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide.

These luminaires are characterised by the contrasting effect between the shield, the opal glass and the installation surface. Some of the light is emitted behind the shield and also illuminates the mounting surface. Depending on the colour of the installation surface, this creates an impressive light effect.

These redesigned luminaires meet today's requirements – their design is practically unchanged, but the hand-blown opal glass elements now shine with efficient BEGA LED technology.

The high protection class IP 65 is new and extends the range of applications for many areas of architecture.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Satin matt opal glass

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

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

The power information might 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®.

■ Luminaire colour graphite



LED ceiling and wall luminaires

	LED		PSU	EEC	A	B	C	AC/DC
24 042	9.2 W	1005 lm	On/Off	A++	270	70	205	✓
24 043	16.7 W	1610 lm	DALI	A++	325	90	250	✓
24 044	32.0 W	2925 lm	DALI	A++	390	100	300	✓



LED ceiling and wall luminaires

A series of compact, powerful and efficient LED luminaires, which are suitable as wall and ceiling luminaires. Two types of glass are available in different luminaire diameters. The three-ply opal glass and the thick-walled crystal glass with its impressive ice edges are hand-blown masterpieces. But only our reliable and cost-effective LED technology makes luminaires with this shallow projection possible.

Protection class IP 64 · BEGA Thermal Management®
Aluminium and stainless steel · Opal glass or crystal glass, inside white
DALI controllable
20 years' availability guarantee for LED modules

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

The power information might 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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Opal glass

	LED	PSU	EEC	A	B	AC/DC
33 680	16.1 W 1210 lm	DALI	A++	265	65	✓
33 681	22.6 W 2090 lm	DALI	A++	305	65	✓



Crystal glass, inside white

	LED	PSU	EEC	A	B	AC/DC
33 682	16.1 W 1380 lm	DALI	A++	265	65	✓
33 683	22.6 W 1935 lm	DALI	A++	305	65	✓



LED ceiling and wall luminaires

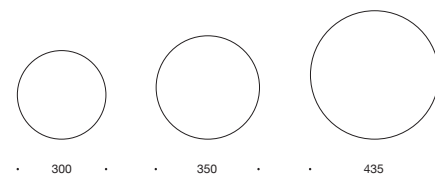
LED luminaires for unshielded light in the room and on the mounting surface.
Compact luminaires in different sizes for a large number of lighting applications indoors and outdoors. They can be used as ceiling or wall luminaires.

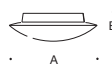
Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Opal glass
Luminaires with On/Off power supply unit or DALI controllable power supply unit
20 years' availability guarantee for LED modules

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

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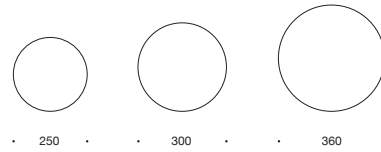
Luminaire colour white





LED ceiling and wall luminaires

	LED		PSU	EEC	A	B	AC/DC
24039	9.2 W	980 lm	On/Off	A++	300	95	✓
24040	16.7 W	1580 lm	DALI	A++	350	105	✓
24041	32.0 W	2950 lm	DALI	A++	435	120	✓



Ceiling and wall luminaires

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. The luminaires meet today's requirements – their design is practically unchanged, but the hand-blown opal glass elements now shine with efficient BEGA LED technology.

The high protection class IP 65 is new and extends the range of applications for many areas of interior and exterior architecture.

Luminaires for unshielded light in the room and on the mounting surface. Compact luminaires in different sizes for a large number of lighting applications – they can be used as ceiling or wall luminaires.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Opal glass

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

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

The power information might 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®.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

Luminaire colour white



You can find
LED lamps on
Page 534.

Ceiling and wall luminaires

	LED		PSU	EEC	A	B	AC/DC
24 028	9.2 W	1040 lm	On/Off	A++	250	100	✓
24 029	16.7 W	1590 lm	DALI	A++	300	120	✓
24 030	32.0 W	2965 lm	DALI	A++	360	130	✓
	Lamp		Base				
24 196	1 lamp	60 W	E 27	A++-E	250	100	—



LED ceiling and wall luminaires

Light Brick – Lichtbaustein® · Circular

Light Brick – Lichtbaustein® – a BEGA trademark for nearly 60 years. Hand-blown three-ply opal glass and luminaire housing made of cast aluminium. Distinctive and recognised design. Luminaires whose trademark has become a generic term for luminaires of this type. Illuminating classics for great lighting and surface design.

The luminaires meet today's requirements – their design is practically unchanged, but the hand-blown opal glass elements now shine with efficient BEGA LED technology.

The high protection class IP 65 is new and extends the range of applications for many areas of interior and exterior architecture.

Luminaires you can build with – individually, in rows or groups.

Protection class IP 65 · BEGA Thermal Management®

Aluminium, cast aluminium and stainless steel · Satin matt opal glass

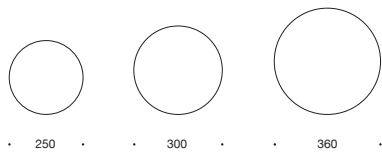
Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

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

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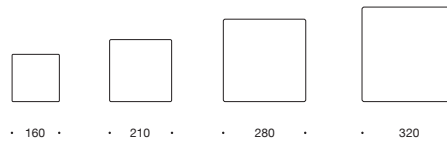
■ Luminaire colour graphite



Light Brick – Lichtbaustein® · **Circular**

	LED	PSU	EEC	A	B	AC/DC
24 025	9.2 W	985 lm	On/Off	A++	250	70 ✓
24 026	16.7 W	1795 lm	DALI	A++	300	90 ✓
24 027	32.0 W	3175 lm	DALI	A++	360	100 ✓





Ceiling and wall luminaires

Light Brick – Lichtbaustein® · Square

Light Brick – Lichtbaustein® – a BEGA trademark for nearly 60 years. Optionally with integrated LED or for lamps with screw base E 14 or E 27. Hand-blown three-ply opal glass and luminaire housing made of die-cast aluminium. Distinctive and recognised design. Luminaires whose trademark has become a generic term for luminaires of this type.

Illuminating classics for great lighting and surface design.

The design of the luminaires has remained practically unchanged to this day – but the technical equipment is state-of-the-art lighting technology.

Luminaires for installation on ceilings or walls both indoors and out. A variety of sizes and light outputs enables solutions for many different lighting applications.

Luminaires you can build with – individually, in rows or groups.

Protection class IP 44 · BEGA Thermal Management®

Cast aluminium and stainless steel · Satin matt opal glass

LED luminaires: BEGA AC module · Technical data on Page 11

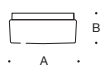
20 years' availability guarantee for LED modules

LED colour temperature: 3000K – article number + **K3**

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You will find suitable BEGA LED lamps with screw base E 14 and E 27 on Page 534.

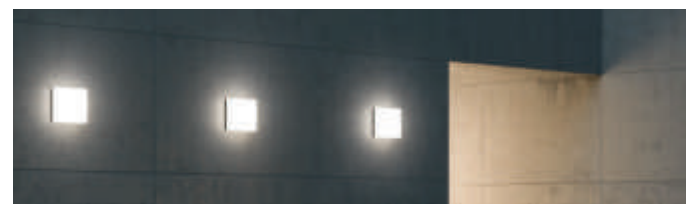
■ Luminaire colour graphite

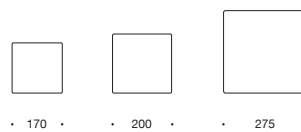


 You can find
LED lamps on
Page 534.

Light Brick – Lichtbaustein® · Square

	LED	PSU	EEC	A	B
38 300	12.0 W	890 lm	AC module	A++	210 × 210 120
38 301	24.0 W	1685 lm	AC module	A++	280 × 280 130
38 302	32.0 W	2365 lm	AC module	A++	320 × 320 130
	Lamp	Base			
33 862	1 lamp	40 W	E 14	A++-E	160 × 160 90
66 658	1 lamp	75 W	E 27	A++-E	210 × 210 120
66 758	2 lamps	60 W	E 27	A++-E	280 × 280 130





Ceiling and wall luminaires

Light Brick – Lichtbaustein® · Square

BEGA light bricks have been brilliant structural details for decades. The luminaires of this series continue this timeless design. Luminaires for installation on ceilings or walls both indoors and out. A variety of sizes and light outputs enables solutions for many different lighting applications. Luminaires you can build with – individually, in rows or groups.

Protection class IP 44 · BEGA Thermal Management®
Cast aluminium and stainless steel · Satin matt opal glass
LED luminaires: On/Off power supply unit
20 years' availability guarantee for LED modules

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

The power information might 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®.


You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



· A · · B ·

 You can find
LED lamps on
Page 534.

Light Brick – Lichtbaustein® · Square

	LED	PSU	EEC	A	B
33 032	4.0 W	335 lm	On/Off	A++	170 × 170 70
33 036	5.0 W	490 lm	On/Off	A++	200 × 200 90
	Lamp	Base			
33 034	1 lamp	75 W	E 27	A++-E	200 × 200 90
33 035	2 lamps	60 W	E 27	A++-E	275 × 275 100



Ceiling and wall luminaires

Light Brick – Lichtbaustein®

Light Brick – Lichtbaustein® – a BEGA trademark for nearly 60 years.

Hand-blown three-ply opal glass and luminaire housing made of die-cast aluminium. Distinctive and recognised design. These are luminaires whose trademark has become a generic term for all luminaires of this type and not only for BEGA luminaires.

Illuminating classics for great lighting and surface design.

Today there are many different lamps for lamp base E 27. These luminaires can also be operated efficiently with BEGA LED lamps, for example.

Luminaires for installation on ceilings or walls both indoors and out.

A variety of luminaire lengths and light outputs enables solutions for many different lighting applications.


Protection class IP 44 · Cast aluminium and stainless steel · Satin matt opal glass

You can find further technical data in the product data sheets for the luminaires on our website.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

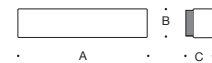
■ Luminaire colour graphite




 You can find
LED lamps on
Page 534.

Light Brick – Lichtbaustein®

	Lamp	Base	EEC	A	B	C
33 185	1 lamp	40 W	E 27	A++-E	200	100 100
33 186	2 lamps	40 W	E 27	A++-E	300	100 100
33 187	2 lamps	60 W	E 27	A++-E	400	100 100
33 188	2 lamps	75 W	E 27	A++-E	500	100 100



 You can find
LED lamps on
Page 534.

Light Brick – Lichtbaustein®

	Lamp	Base	EEC	A	B	C
33 766	2 lamps	40 W	E 27	A++-E	300	100 100
33 866	3 lamps	40 W	E 27	A++-E	450	100 100



Ceiling and wall luminaires

Light Brick – Lichtbaustein® · Rectangle

Light Brick – Lichtbaustein® – a BEGA trademark for nearly 60 years.

Hand-blown three-ply opal glass and luminaire housing made of cast aluminium. Distinctive and recognised design. These are luminaires whose trademark has become a generic term for all luminaires of this type and not only for BEGA luminaires.

Illuminating classics for great lighting and surface design. The design of the luminaires has remained practically unchanged to this day – but the technical equipment is state-of-the-art lighting technology.

Luminaires for installation on ceilings or walls both indoors and out.

A variety of luminaire sizes and light outputs enables solutions for many different lighting applications.

Corner luminaires are intended for installation on the corner of a house. In this way, two sides of a building can be illuminated with just one luminaire.

Protection class IP 44 · BEGA Thermal Management®

Cast aluminium and stainless steel · Satin matt opal glass

LED luminaires: BEGA AC module · Technical data on Page 11

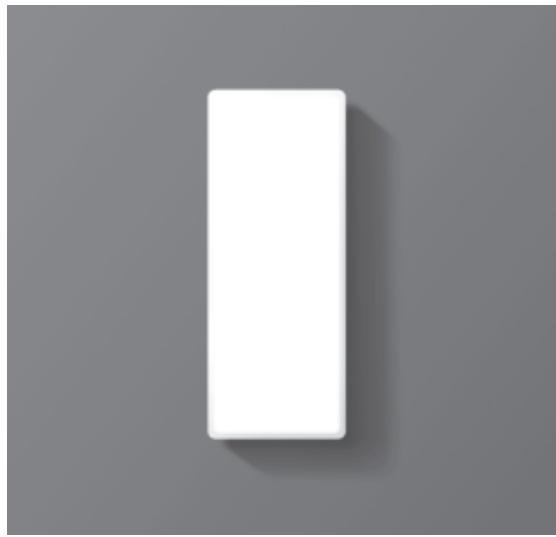
20 years' availability guarantee for LED modules

LED colour temperature: 3000K – article number + **K3**

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You will find suitable BEGA LED lamps with screw base E 14 and E 27 on Page 534.

■ Luminaire colour graphite



You can find
LED lamps on
Page 534.



You can find
LED lamps on
Page 534.

Light Brick – Lichtbaustein® · Rectangle

	LED		PSU	EEC	A	B	C
24 602	8.0 W	590 lm	AC module	A++	100	210	90
24 603	12.0 W	900 lm	AC module	A++	125	250	100
24 604	16.0 W	1230 lm	AC module	A++	140	300	110
	Lamp		Base				
33 563	1 lamp	40 W	E 14	A++-E	80	190	90
33 668	1 lamp	60 W	E 27	A++-E	100	210	90
44 661	1 lamp	75 W	E 27	A++-E	125	250	100
33 266	2 lamps	60 W	E 27	A++-E	140	300	110
33 363	2 lamps	100 W	E 27	A++-E	210	370	110

Light Brick – Lichtbaustein® · Rectangle · Corner luminaires

	Lamp	Base	EEC	A	B	C	
66 860	1 lamp	75 W	E 27	A++-E	100	200	120
66 960	1 lamp	100 W	E 27	A++-E	125	250	130
66 965	2 lamps	60 W	E 27	A++-E	140	300	140



Ceiling and wall luminaires · Wall luminaires

Light Brick – Lichtbaustein® – a BEGA trademark for nearly 60 years.

Distinctive and recognised design. These are luminaires whose trademark has become a generic term for all luminaires of this type.

Illuminating classics for great lighting and surface design. The design of the luminaires has remained practically unchanged to this day.

Luminaires for installation on ceilings or walls both indoors and out.

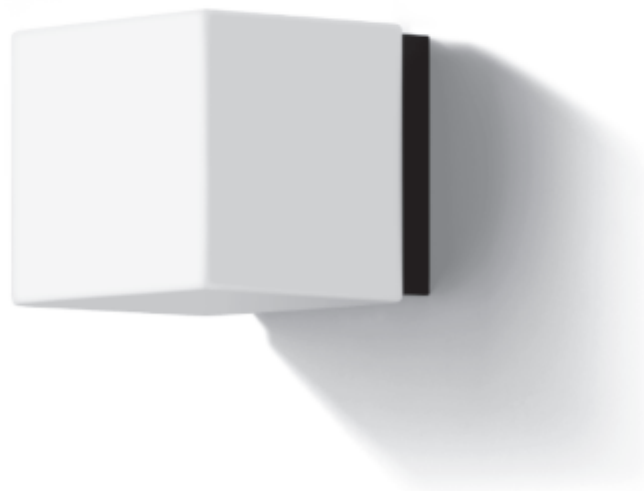
A variety of sizes and light outputs enables solutions for many different lighting applications.

Luminaires you can build with – individually, in rows or groups.

On request, the luminaires of this series are also available with weatherproof numbers, symbols or labelling. This allows house numbers and notices to be read easily, even from great distances – by day and by night.

You can find further technical data in the product data sheets for the luminaires on our website.

You will find suitable BEGA LED lamps with screw base E 14 and E 27 on Page 534.

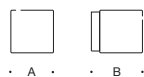


Ceiling and wall luminaires

Light Brick – Lichtbaustein® · Cube

Protection class IP44 · Cast aluminium and stainless steel
Satin matt opal glass

■ Luminaire colour graphite



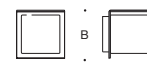
You can find
LED lamps on
Page 534.

Ceiling and wall luminaires

	Lamp	Base	EEC	A	B
33 367	1 lamp	40 W	E 14	A++-E	100×110 135
33 567	1 lamp	75 W	E 27	A++-E	160×160 195
33 767	1 lamp	100 W	E 27	A++-E	205×205 245

Wall luminaires

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



You can find
LED lamps on
Page 534.

Wall luminaires

	Lamps	Base	EEC	A	B	C
44 004	1 lamp	75 W	E 27	A++-E	200 200	210
44 007	1 lamp	100 W	E 27	A++-E	250 250	265



Ceiling, wall and pillar luminaires

A series of impact-resistant luminaires made of cast aluminium. Luminaires with a large proportion of glass for a high degree of transparency.

The particularly thick crystal glass ensures that these luminaires are sufficiently rugged, while giving them their distinctive character.

They can be used as ceiling, wall or pillar luminaires.

A variety of sizes and light outputs, together with the luminaires' high protection class, enables a wide range of applications.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Crystal glass, inside white

LED luminaires: On/Off power supply unit

20 years' availability guarantee for LED modules

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

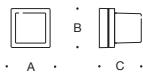
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They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



You can find
LED lamps on
Page 534.



You can find
LED lamps on
Page 534.

Ceiling, wall and pillar luminaires - Unshielded								
	LED	PSU	EEC	A	B	C	AC/DC	
22 432	4.5 W	285 lm	On/Off	A++	120	120	135	✓
22 439	5.0 W	480 lm	On/Off	A++	160	160	175	✓
	Lamp	Base						
22 444	1 lamp	60 W	E 27	A++-E	160	160	175	—

Ceiling, wall and pillar luminaires - Shielded								
	LED	PSU	EEC	A	B	C	AC/DC	
33 327	4.5 W	225 lm	On/Off	A++	120	120	145	✓
33 328	5.0 W	390 lm	On/Off	A++	160	160	180	✓
	Lamp	Base						
24 199	1 lamp	60 W	E 27	A++-E	160	160	180	—



Impact-resistant ceiling, wall and pillar luminaires

Luminaires with safety guard for use on walls, pillars, or similar architectural elements. A robust surrounding frame made of cast aluminium protects the edges and corners of the luminaire glass. Thick crystal glass, with precise light-diffusing structures, ensures that these luminaires are sufficiently rugged, while giving them their distinctive character. They can be used as ceiling, wall and pillar luminaires. A variety of sizes and light outputs, together with the luminaires' high protection class, enables a wide range of applications.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Crystal glass, inside white

LED luminaires: On/Off power supply unit

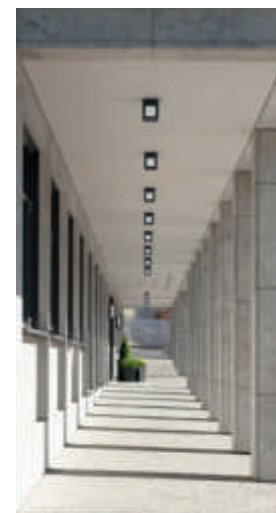
20 years' availability guarantee for LED modules

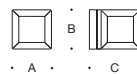
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might 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®. You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**





You can find
LED lamps on
Page 534.

Ceiling, wall and pillar luminaires								
	LED	PSU	EEC	A	B	C	AC/DC	
22 423	4.5 W	240 lm	On/Off	A++	120	120	160	✓
22 453	5.0 W	370 lm	On/Off	A++	160	160	205	✓
	Lamp	Base						
22 633	1 lamp	75 W	E 27	A++-E	160	160	205	—



Ceiling and wall luminaires

A robust surrounding frame made of cast aluminium protects the edges and corners of the glass of these luminaires. This is crystal glass with generous material thicknesses and precise light-diffusing structures. The different dimensions and light outputs of these luminaires, combined with their use as ceiling or wall luminaires, facilitate a host of lighting applications, both indoors and outdoors. Its range of possible applications is also extended by its high protection class.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Crystal glass, inside white
 LED luminaires: On/Off power supply unit
 20 years' availability guarantee for LED modules

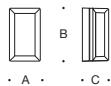
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might 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®.
 You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

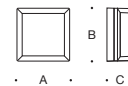
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**





You can find
LED lamps on
Page 534.



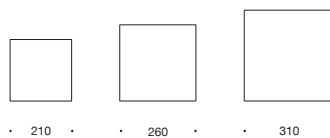
You can find
LED lamps on
Page 534.

Ceiling and wall luminaires

	LED		PSU	EEC	A	B	C	AC/DC
22 750	5.0 W	320 lm	On/Off	A++	130	220	110	✓
22 751	7.8 W	545 lm	On/Off	A++	170	290	115	✓
24 601	11.5 W	605 lm	On/Off	A++	170	290	115	✓
	Lamp	Base						
22 733	1 lamp	60 W	E 27	A++-E	130	220	110	—
22 734	1 lamp	100 W	E 27	A++-E	170	290	115	—

Ceiling and wall luminaires

	LED		PSU	EEC	A	B	C	AC/DC
22 650	5.0 W	325 lm	On/Off	A++	220	220	110	✓
22 652	7.8 W	575 lm	On/Off	A++	275	275	125	✓
24 600	11.5 W	835 lm	On/Off	A++	275	275	125	✓
	Lamp	Base						
22 645	1 lamp	75 W	E 27	A++-E	220	220	110	—
22 646	1 lamp	100 W	E 27	A++-E	275	275	125	—



LED ceiling and wall luminaires

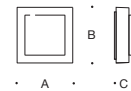
Compact luminaires in square form. Distinctive design with high protection class and convincing technical features. They can be used as ceiling luminaires or wall luminaires. When the luminaires are viewed from the front, the screw connections are invisible. They can be opened quickly and easily by means of a mechanical flap system with two screws at the side. Singly or in groups, these are timeless design elements for a multitude of lighting applications both indoors and out. You can find matching luminaires with weatherproof numbers, symbols or labelling on Page 120.

Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Crystal glass, inside white
DALI controllable
20 years' availability guarantee for LED modules

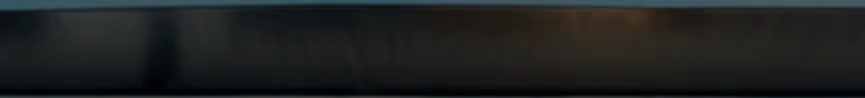
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might 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®.

Luminaire colour graphite or silver
■ Graphite – article number · ■ Silver – article number + **A**



LED ceiling and wall luminaires								
	LED		PSU	EEC	A	B	C	AC/DC
33 232	5.6 W	455 lm	DALI	A++	210	210	80	✓
33 233	14.2 W	995 lm	DALI	A++	260	260	90	✓
33 234	17.5 W	1670 lm	DALI	A++	310	310	95	✓



House number luminaires

Luminaires for orientation and marking purposes, by day and by night. With weatherproof numbers, e.g. as house number luminaires, or with symbols and labelling for the purpose in question. The LED luminaires 33787 and 33788 are particularly suitable for continuous operation on account of their low electricity consumption and the integral twilight switch.

Many other luminaires in this catalogue, in particular the Light Brick – Lichtbaustein® product group, are suitable as house number or indication luminaires. On request, we can supply these luminaires with suitable numbers, symbols and labelling. This allows house numbers and notices to be read easily, even from great distances.

BEGA Thermal Management®

LED luminaires: On/Off power supply unit or BEGA AC module

Technical data of the BEGA AC module on Page 11

20 years' availability guarantee for LED modules

LED colour temperature: 3000K – article number + **K3**

The power information might 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®.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

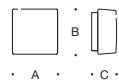


House number luminaires
Light Brick – Lichtbaustein®

Protection class IP 44 · Cast aluminium and stainless steel · Opal glass
With one- to two-digit numbers · Height 120 mm

LED colour temperature: 3000 K

■ Luminaire colour graphite



You can find
LED lamps on
Page 534.

House number luminaires · Lichtbaustein®

	LED	PSU	EEC	A	B	C
37 700	12.0 W	680 lm	AC module	A ⁺⁺	210	210 120
	Lamp	Base				
33 768	1 lamp	75 W	E 27	A ⁺⁺ -E	210	210 120

LED house number luminaires
with integral twilight switch

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

33 787 With one- to two-digit numbers · Height 75 mm

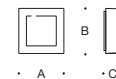
33 788 With one- to two-digit numbers · Height 120 mm
Or 3-digit numbers · Height 75 mm

LED colour temperature: 3000 K

Luminaire colour graphite or silver

■ Graphite – article number

■ Silver – article number + A



LED house number luminaires

	LED	PSU	EEC	A	B	C
33 787	7.0 W	70 lm	On/Off	A ⁺⁺	210	210 80
33 788	7.9 W	180 lm	On/Off	A ⁺⁺	260	260 90



LED ceiling and wall luminaires

These luminaires are characterised by clear lines and impact-resistant crystal glass. They have a high protection class and shallow projection, and are available in various sizes. They can be used as ceiling luminaires or wall luminaires. A variety of sizes and light outputs makes these economical luminaires extremely versatile. The high protection class extends the range of applications even further. Arranged singly and in groups, these are timeless design elements for a multitude of lighting applications both indoors and out.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel
 Crystal glass, inside white
 BEGA Ultimate Driver® · Luminaires with On/Off power supply unit or DALI controllable power supply unit
 20 years' availability guarantee for LED modules

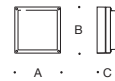
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

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®.

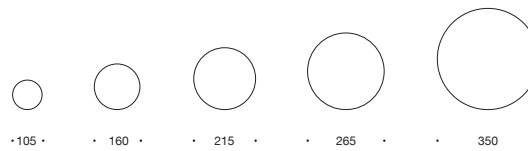
■ Luminaire colour graphite



LED ceiling and wall luminaires								
	LED	PSU	EEC	A	B	C	AC/DC	
22 400	4.0 W	250 lm	On/Off	A++	95	170	70	✓
22 450	5.0 W	395 lm	On/Off	A++	120	210	80	✓



LED ceiling and wall luminaires								
	LED	PSU	EEC	A	B	C	AC/DC	
22 663	4.0 W	225 lm	On/Off	A++	170	170	70	✓
22 665	5.0 W	390 lm	On/Off	A++	210	210	80	✓
33 136	19.5 W	1110 lm	DALI	A++	260	260	90	✓



LED wall luminaires

A series of impact-resistant luminaires made of cast aluminium. Luminaires which we have adapted perfectly to our LED technology. The luminaires are secured in the housing without any visible screws and a barely visible locking screw secures the cast aluminium frame. The thick crystal glass ensures that the luminaires in this group are sufficiently robust, while also giving them their distinctive character.

A variety of sizes and light outputs makes these economical luminaires extremely versatile. Its range of possible applications is also extended by its high protection class. Used singly or in groups, these are excellent design elements for a multitude of lighting applications both indoors and out.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Crystal glass, inside white
Luminaires with On/Off power supply unit or DALI controllable power supply unit
20 years' availability guarantee for LED modules

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

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED wall luminaires							
	LED		PSU	EEC	A	B	AC/DC
24 036	1.6 W	85 lm	On/Off	A++	105	80	—
33 507	3.9 W	240 lm	On/Off	A++	160	100	✓
33 508	5.8 W	505 lm	On/Off	A++	215	115	✓
33 509	12.6 W	920 lm	DALI	A++	265	120	✓
24 395	27.5 W	1700 lm	DALI	A++	350	100	✓



LED ceiling and wall luminaires

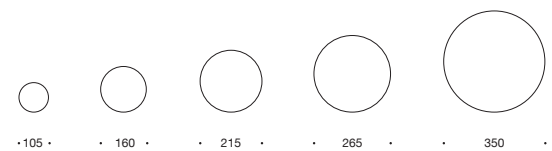
We have been producing impact-resistant ceiling and wall luminaires for more than 30 years. They have received many international awards for their unmistakable design. The concept and design have stood the test of time. They were characteristic of a whole series of luminaires in our range of products, and became models for outdoor luminaires in general. We have developed these luminaires further and perfectly adapted their structure and design to our LED technology. The thick crystal glass ensures that the impact-resistant luminaires in this group are both robust and elegant. The luminaires are secured in the housing without any visible screws and a barely visible locking screw secures the cast aluminium frame. A variety of sizes and light outputs makes these economical luminaires extremely versatile. Its range of possible applications is also extended by its high protection class.

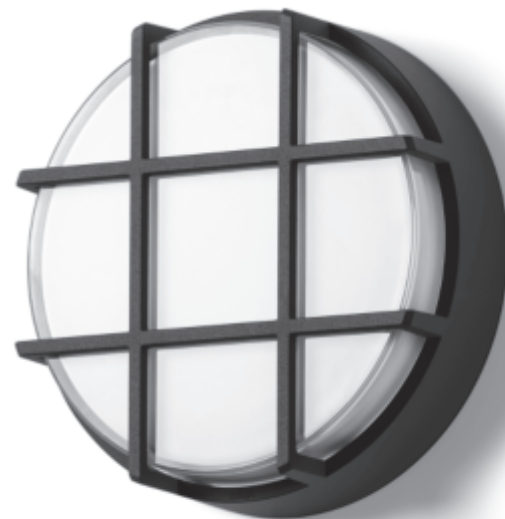
Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Crystal glass, inside white
 Luminaires with On/Off power supply unit or DALI controllable power supply unit
 20 years' availability guarantee for LED modules

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

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®.

Luminaire colour graphite or silver
 ■ Graphite – article number · ■ Silver – article number + **A**





LED ceiling and wall luminaires

	LED		PSU	EEC	A	B	AC/DC
24 037	1.6 W	100 lm	On/Off	A++	105	55	—
33 534	3.9 W	320 lm	On/Off	A++	160	65	✓
33 535	5.8 W	575 lm	On/Off	A++	215	70	✓
33 523	12.6 W	1040 lm	DALI	A++	265	80	✓
24 394	27.5 W	1900 lm	DALI	A++	350	95	✓



LED ceiling and wall luminaires

	LED		PSU	EEC	A	B	AC/DC
33 502	3.9 W	245 lm	On/Off	A++	160	75	✓
33 503	5.8 W	415 lm	On/Off	A++	215	80	✓
33 504	12.6 W	825 lm	DALI	A++	265	90	✓



You can find emergency lighting luminaires with a single emergency lighting battery from this series at: bega.com/emergency-lighting



LED ceiling and wall luminaires Optionally with PIR motion and light sensor

We have redesigned this series of impact-resistant ceiling and wall luminaires in line with both today's market requirements and our latest LED technology. Their predecessors shaped the design of the BEGA range for 40 years and received international awards for their excellent design as early as 1979. These classic luminaires became the absolute standard for outdoor luminaires and so we have gone about changing their design and adapting their technology to today's requirements very carefully.

Luminaires for installation on ceilings or walls. Various sizes and light outputs provide solutions for a wide range of lighting applications. The luminaires are available with either crystal glass or impact-resistant synthetic covers.

Luminaires in this series with built-in passive infrared motion and light sensor react to thermal radiation in the dark, switching on when people or animals move in the vicinity of the luminaire. Luminaires with DALI power supply unit are parameterised via the DALI protocol, luminaires with On/Off power supply unit via Bluetooth and the free BEGA Tool app.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Crystal glass with white inner or impact-resistant synthetic cover with white inner

Luminaires with On/Off power supply unit or DALI controllable power supply unit

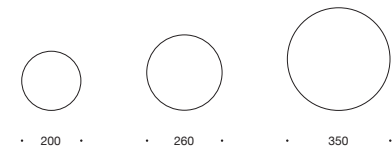
20 years' availability guarantee for LED modules

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

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



The luminaires in this series are also available with a built-in passive infrared motion and light sensor which reacts to thermal radiation in the dark.



· A · · B ·

LED ceiling and wall luminaires

Crystal glass	Synthetic material	LED	PSU	EEC	A	B	AC/DC
24 148 750 lm	24 187 800 lm	8.2 W	On/Off	A ⁺⁺	200	75	✓
24 175 1250 lm	24 189 1300 lm	15.0 W	On/Off	A ⁺⁺	260	85	✓
24 165 2100 lm	24 190 2200 lm	27.5 W	DALI	A ⁺⁺	350	105	✓

LED ceiling and wall luminaires · With PIR motion and light sensor

Crystal glass	Synthetic material	LED	PSU	EEC	A	B	AC/DC
24 149 750 lm	24 191 800 lm	9.2 W	On/Off	A ⁺⁺	200	75	✓
24 176 1250 lm	24 193 1300 lm	16.0 W	On/Off	A ⁺⁺	260	85	✓
24 166 2100 lm	24 194 2200 lm	28.5 W	DALI	A ⁺⁺	350	105	✓



· A · · B ·

LED ceiling and wall luminaires

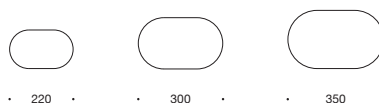
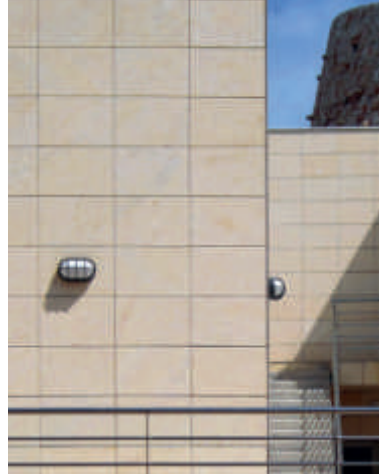
Crystal glass	Synthetic material	LED	PSU	EEC	A	B	AC/DC
24 167 580 lm	24 179 600 lm	8.2 W	On/Off	A ⁺⁺	200	80	✓
24 173 860 lm	24 181 900 lm	15.0 W	On/Off	A ⁺⁺	260	90	✓
24 171 1650 lm	24 182 1700 lm	27.5 W	DALI	A ⁺⁺	350	110	✓

LED ceiling and wall luminaires · With PIR motion and light sensor

Crystal glass	Synthetic material	LED	PSU	EEC	A	B	AC/DC
24 168 580 lm	24 183 600 lm	9.2 W	On/Off	A ⁺⁺	200	80	✓
24 174 860 lm	24 185 900 lm	16.0 W	On/Off	A ⁺⁺	260	90	✓
24 172 1650 lm	24 186 1700 lm	28.5 W	DALI	A ⁺⁺	350	110	✓



You can find emergency lighting luminaires with a single emergency lighting battery from this series at: bega.com/emergency-lighting



Ceiling and wall luminaires

Unshielded or shielded light

Characteristic of a whole series of luminaires in the BEGA range of products – and meanwhile for many luminaires by other manufacturers all over the world. Luminaires that have become the absolute standard for outdoor luminaires. We have been producing this series for more than three decades, continuously improving its technical specifications year after year. As early as 1980, the series won international awards for its excellent design, and the concept and design have constantly proven themselves ever since. Economical and reliable, these luminaires can be found illuminating many architectural features around the world – both indoors and out.

Luminaires for installation on ceilings or walls. A variety of sizes and light outputs enables solutions for many different lighting applications.

The unshielded ceiling and wall luminaires are available with either crystal glass or with impact-resistant synthetic covers.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Crystal glass with white inner or impact-resistant synthetic cover

LED luminaires optionally with On/Off power supply unit or

DALI controllable power supply unit

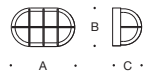
20 years' availability guarantee for LED modules

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

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Luminaire colour graphite or silver

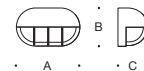
■ Graphite – article number · ■ Silver – article number + **A**



You can find
LED lamps on
Page 534.

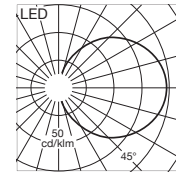
Ceiling and wall luminaires · Crystal glass								
	LED	PSU	EEC	A	B	C	AC/DC	
22 686	4.0 W	180 lm	On/Off	A++	220	130	100	✓
22 697	5.0 W	330 lm	On/Off	A++	300	180	140	✓
22 670	15.0 W	980 lm	DALI	A++	300	180	140	✓
33 139	20.0 W	1170 lm	DALI	A++	350	200	160	✓
	Lamp	Base						
22 888	1 lamp	60 W	E 27	A++-E	220	130	100	—
22 875	1 lamp	75 W	E 27	A++-E	300	180	140	—

Ceiling and wall luminaires · Synthetic cover								
	LED	PSU	EEC	A	B	C	AC/DC	
22 862	4.0 W	245 lm	On/Off	A++	220	130	100	✓
22 864	5.0 W	415 lm	On/Off	A++	300	180	140	✓
22 867	15.0 W	1135 lm	DALI	A++	300	180	140	✓
	Lamp	Base						
22 828	1 lamp	60 W	E 27	A++-E	220	130	100	—
22 835	1 lamp	75 W	E 27	A++-E	300	180	140	—



You can find
LED lamps on
Page 534.

Wall luminaires · Shielded light · Crystal glass								
	LED	PSU	EEC	A	B	C	AC/DC	
33 428	4.0 W	100 lm	On/Off	A++	220	130	100	✓
33 429	5.0 W	165 lm	On/Off	A++	300	180	140	✓
33 430	15.0 W	455 lm	DALI	A++	300	180	140	✓
	Lamp	Base						
22 993	1 lamp	60 W	E 27	A++-E	220	130	100	—
22 874	1 lamp	75 W	E 27	A++-E	300	180	140	—



LED ceiling and wall luminaires

A group of very narrow, linear ceiling and wall luminaires for unshielded light.

LED luminaires with a small cross section, in three lengths.

The narrow edging of the white luminaire glass has no visible screw connections and underlines the linear design. Luminaires that can emphasise or accentuate the structures of a building. Individually, in groups or as bands of light, they form effective design elements. The small cross-section is also suitable for installation in and on profiles.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

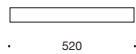
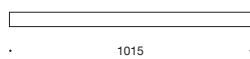
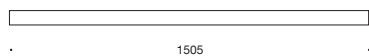
DALI controllable

20 years' availability guarantee for LED modules

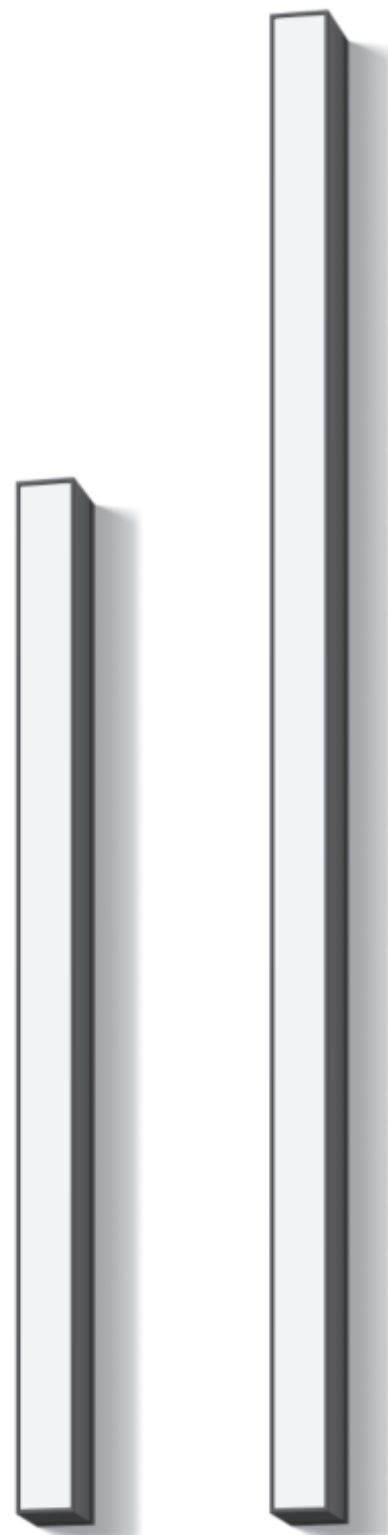
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

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■ Luminaire colour graphite



LED ceiling and wall luminaires							
	LED	PSU	EEC	A	B	C	AC/DC
24 318	18.5 W	1040 lm	DALI	A++	520	60	105 ✓
24 319	36.0 W	2040 lm	DALI	A++	1015	60	105 ✓
24 320	55.0 W	3360 lm	DALI	A++	1505	60	105 ✓





LED ceiling and wall luminaires

These LED ceiling and wall luminaires offer new design opportunities with linear lighting elements. Their light accentuates the linear structures of buildings.

The luminaires are available in lengths that go far beyond the dimensions used so far. They are available in lengths of up to 1835 mm and thus satisfy the format needs of modern lighting design. The protection class IP 65 is also unusual for linear luminaires of this length.

These LED ceiling and wall luminaires, which distribute their unshielded light in three directions, offer light quality with maximum visual comfort. The white synthetic cover with its particular light-diffusing properties distributes the light of the LED modules gently and evenly. Individually, in groups or as bands of light, the new linear ceiling and wall luminaires form effective design elements.

As wall luminaires, they can be installed horizontally or vertically.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Synthetic cover, white
 DALI controllable
 20 years' availability guarantee for LED modules

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

The power information might 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®.

■ Luminaire colour graphite



LED ceiling and wall luminaires							
	LED	PSU	EEC	A	B	C	AC/DC
24 115	13.5 W	1420 lm	DALI	A++	500	125	120 ✓
24 116	26.0 W	2840 lm	DALI	A++	950	125	120 ✓
24 117	51.5 W	5680 lm	DALI	A++	1835	125	120 ✓





LED wall luminaires

Unshielded wall luminaires with a square layout. On account of their design, these luminaires are suitable in particular for installation on pillars, wall pillars and the front surfaces of external walls.

Wall luminaires for the illumination of impressive entrances, colonnades and wall surfaces as well as for private houses. Used singly or in groups, these are excellent design elements for a multitude of lighting applications.

For bollards whose shape and design match the luminaires of this series, see Page 334 – for matching light building elements see Page 414.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Synthetic cover, white

On/Off power supply unit

20 years' availability guarantee for LED modules

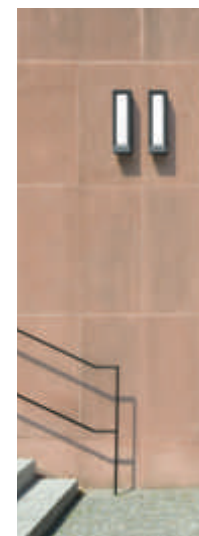
Clearance of about 70% of the overall height – B – is required above the luminaire for maintenance jobs such as cleaning the synthetic cover.

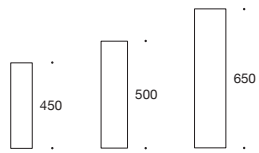
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might 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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**





LED wall luminaires

	LED	PSU	EEC	A	B	C	D	AC/DC
24 504	11.5 W 765 lm	On/Off	A++	120	450	160	40	✓
24 505	14.6 W 1155 lm	On/Off	A++	140	500	180	90	✓
24 506	22.0 W 1815 lm	On/Off	A++	160	650	200	90	✓



LED wall luminaires

Unshielded luminaires which, on account of their linear design, are especially suitable for installation on columns, wall pillars and the front surfaces of external walls. For the illumination of impressive entrances or of colonnades, corridors and large wall surfaces. The small diameter and the slender mounting profile also allow installation in recesses on site or in and on profiles. Used singly or in groups, these are excellent design elements for a multitude of lighting applications both indoors and out.

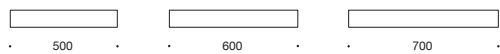
Protection class IP 65 · BEGA Thermal Management®
Aluminium and stainless steel · Opal glass
DALI controllable
20 years' availability guarantee for LED modules
The luminaires can be installed in any burning position.

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

The power information might 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®.

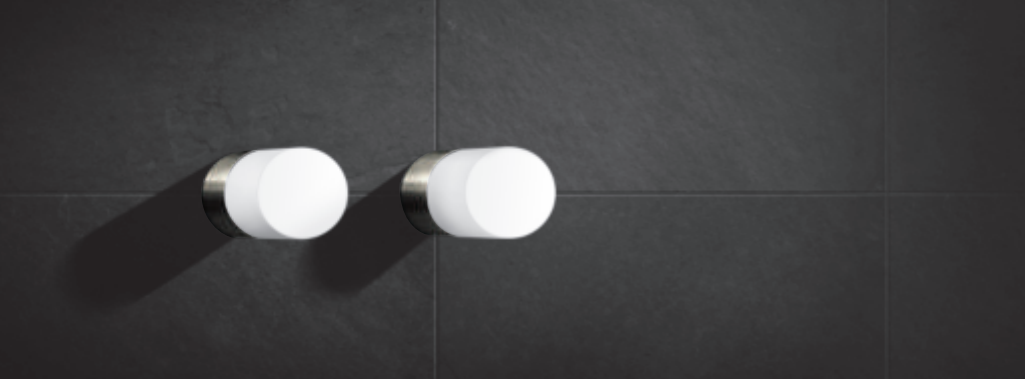
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED wall luminaires									
	LED	PSU	EEC	A	B	C	D	AC/DC	
24 590	19.5 W	1535 lm	DALI	A++	80	500	115	40	✓
24 591	24.6 W	1945 lm	DALI	A++	80	600	115	40	✓
24 592	27.5 W	2895 lm	DALI	A++	80	700	115	40	✓





Ceiling, wall and pillar luminaires

Unshielded luminaires for a host of lighting applications.
Compact luminaires with hand-blown, three-ply opal glass.
Used singly or in groups, these luminaires are timeless design elements for indoor and outdoor use.

LED luminaires: On/Off power supply unit
20 years' availability guarantee for LED modules


LED colour temperature: 3000K – article number + **K3**

The power information might 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®.
For luminaire 33 112 you will find suitable BEGA LED lamps with screw base E 27 on Page 534.

Ceiling, wall and pillar luminaires made of stainless steel

Stainless steel · Opal glass with thread



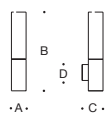
 You can find LED lamps on Page 534.

Ceiling, wall and pillar luminaires · IP 64

	LED	PSU	EEC	A	B	AC/DC
33 150	10.0 W	700 lm	On/Off	A++	Ø130 260	✓
	Lamp	Base				
33 111	1 lamp	40 W	E 14	A++- E	Ø70 160	—
33 112	1 lamp	60 W	E 27	A++- E	Ø95 185	—



LED wall luminaire made of stainless steel
Stainless steel · Opal glass with thread

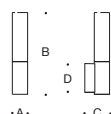


LED wall luminaire made of stainless steel · IP 44									
	LED	PSU	EEC	A	B	C	D	AC/DC	
44 009	2.5 W	285 lm	On/Off	A++	70	375	100	Ø75	✓



LED wall luminaire
Cast aluminium, aluminium and stainless steel · Opal glass with thread

Luminaire colour graphite or silver
 Graphite – article number ·
 Silver – article number + A



LED wall luminaire · IP 65									
	LED	PSU	EEC	A	B	C	D	AC/DC	
44 135	2.5 W	285 lm	On/Off	A++	70	375	115	130×40	✓



Wall luminaires

Wall luminaires which are shielded upwards, with housings made of cast aluminium and glass elements made of hand-blown, three-ply opal glass. Luminaires with a pleasantly soft light for a high degree of visual comfort. Used singly or in groups, these are timeless design elements for a multitude of lighting applications both indoors and out.

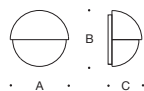
Protection class IP 44 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Opal glass
LED luminaires: BEGA AC module · Technical data on Page 11
20 years' availability guarantee for LED modules


LED colour temperature: 3000K – article number + **K3**

The power information might 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®.
You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

Luminaire colour graphite or white

■ Graphite – article number · □ White – article number + **W**



 You can find
 LED lamps on
 Page 534.

Wall luminaires

	LED		PSU	EEC	A	B	C
24 023	8.0 W	270 lm	AC module	A++	220	210	130
24 024	16.0 W	740 lm	AC module	A++	270	260	155
	Lamp		Base		A	B	C
33 047	1 lamp	60 W	E 27	A++-E	220	210	130
33 147	1 lamp	75 W	E 27	A++-E	270	260	155



Wall luminaires

Light emission on two sides

Wall luminaires with a shielded light source and light emission on two sides. Luminaires whose installation surface is at the same time the reflection surface for the light which is emitted upwards and downwards.

The direct light and the reflected light of the luminaires create a glare-free lighting atmosphere with pleasant visual comfort. Luminaires for many applications around the house and in public areas.

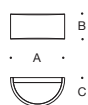
Protection class IP 65 · BEGA Thermal Management®
Cast aluminium and stainless steel · Crystal glass, inside white
LED luminaires: Luminaires with On/Off power supply unit or
DALI controllable power supply unit
20 years' availability guarantee for LED modules


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

The power information might 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®.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

Luminaire colour graphite or silver
■ Graphite – article number
■ Silver – article number + **A**



 You can find
LED lamps on
Page 534.

Wall luminaires

	LED		PSU	EEC	A	B	C	AC/DC
33 334	5.0 W	245 lm	On/Off	A++	250	115	135	✓
33 344	14.4 W	845 lm	DALI	A++	350	140	185	✓
	Lamp		Base					
33 335	1 lamp	60 W	E 27	A++-E	250	115	135	—
33 345	2 lamps	60 W	E 27	A++-E	350	140	185	—



LED wall luminaires

Light emission on two sides

Wall luminaires with shallow installation depth, a shielded light source and light emission on two sides. Luminaires whose installation surface is at the same time the reflection surface for the light which is emitted upwards and downwards.

Our LED technology allows us to design luminaires with compact dimensions and slim formats. These are luminaires with precise housings made of cast aluminium with flush integrated glass elements.

The direct light and the reflected light of the luminaires create a glare-free lighting atmosphere with pleasant visual comfort.

Luminaires for many applications around the house and in public areas.

Protection class IP 64 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

On/Off power supply unit

20 years' availability guarantee for LED modules

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

The power information might 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®.

Luminaire colour graphite, white or silver

■ Graphite – article number

□ White – article number + **W**

■ Silver – article number + **A**



LED wall luminaires

	LED	PSU	EEC	A	B	C	AC/DC
33 325	5.0 W 280 lm	On/Off	A++	200	55	120	✓
33 326	6.9 W 490 lm	On/Off	A++	300	55	140	✓





On one side

On two sides

LED wall luminaires

Light emission on one or two sides

Wall luminaires with shallow installation depth and a shielded light source. Luminaires with light emission on one or two sides, where the installation surface is also the reflection surface for the emitted light.

Our LED technology allows us to design luminaires with compact dimensions and slim formats. These are luminaires with precise housings made of cast aluminium with flush integrated glass elements.

The direct light and the reflected light of the luminaires create a glare-free lighting atmosphere with pleasant visual comfort.

Luminaires for many applications around the house and in public areas.

Protection class IP 64 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

On/Off power supply unit

20 years' availability guarantee for LED modules

Luminaires with light emission aperture on one side must be mounted with the light emission directed downwards.

LED colour temperature: 3000K – article number + **K3** or

4000K – article number + **K4**

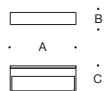
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite, white or silver

■ Graphite – article number

□ White – article number + **W**

■ Silver – article number + **A**

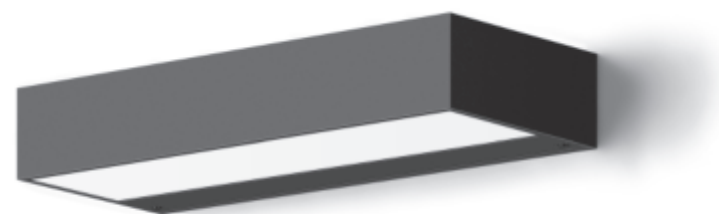


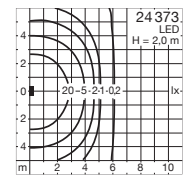
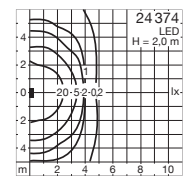
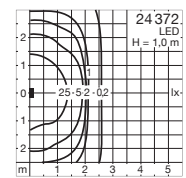
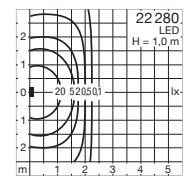
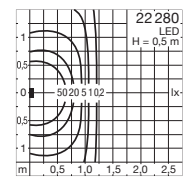
Light emission on one side

	LED	PSU	EEC	A	B	C	AC/DC
33 319	5.0 W 185 lm	On/Off	A++	200	55	120	✓
33 329	7.6 W 365 lm	On/Off	A++	300	55	120	✓

Light emission on two sides

	LED	PSU	EEC	A	B	C	AC/DC
33 340	5.0 W 245 lm	On/Off	A++	200	55	120	✓
33 341	7.6 W 515 lm	On/Off	A++	300	55	120	✓







LED wall luminaires

Directed light

Compact LED luminaires in various sizes.
 Wall luminaires with light directed downwards, suitable for different installation heights. These are robust luminaires with a small overhang. Installed at a low height, they are also suitable for illuminating danger points in public and private areas such as steps.
 Luminaires for indoors and outdoors which make important areas visible in the dark or at low levels of illumination.

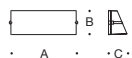
Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Luminaires with On/Off power supply unit or
 DALI controllable power supply unit
 20 years' availability guarantee for LED modules

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

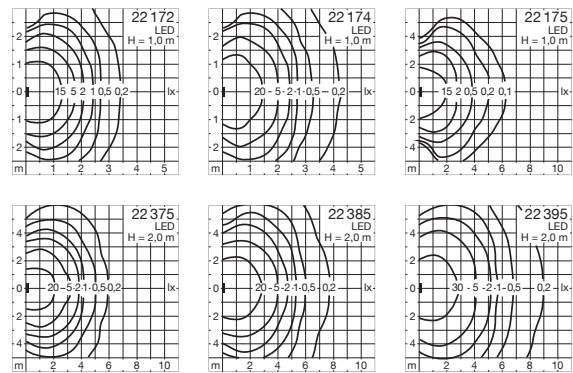
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED wall luminaires								
	LED		PSU	EEC	A	B	C	AC/DC
22 280	2.5 W	170 lm	On/Off	A++	160	70	55	✓
24 372	7.2 W	505 lm	On/Off	A++	200	110	85	✓
24 374	15.0 W	1075 lm	DALI	A++	300	110	85	✓
24 373	21.2 W	1805 lm	DALI	A++	400	120	100	✓



LED wall luminaires

Directed light

Compact and robust LED luminaires in three sizes.

The luminaires in this series are available in two different light outputs with the same size:

- As location luminaires for areas and situations with low ambient brightness in order to render important surfaces and areas visible and to mark danger areas;
- As wall luminaires for areas and situations requiring higher degrees of illuminance, e.g. where there is high ambient brightness.

Luminaires for different installation heights and many different areas of application both indoors and out. These luminaires have a small overhang and are particularly suitable for low installation heights in public areas.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

Luminaires optionally with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

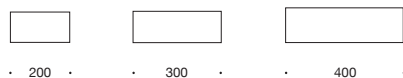
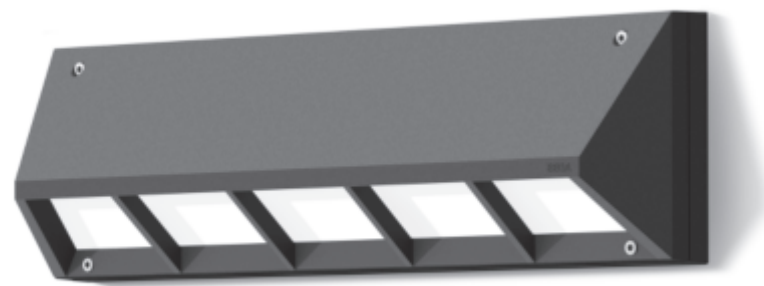
The luminaires must be mounted with the light emission directed downwards.

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

The power information might 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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



• 200 • • 300 • • 400 •



LED location luminaires

	LED	PSU	EEC	A	B	C	AC/DC
22 172	2.6 W	160 lm	On/Off	A++	200	120	75 ✓
22 174	5.0 W	335 lm	On/Off	A++	300	120	75 ✓
22 175	7.0 W	535 lm	On/Off	A++	400	120	75 ✓

LED wall luminaires

	LED	PSU	EEC	A	B	C	AC/DC
22 375	7.2 W	405 lm	On/Off	A++	200	120	75 ✓
22 385	15.2 W	940 lm	DALI	A++	300	120	75 ✓
22 395	21.2 W	1530 lm	DALI	A++	400	120	75 ✓



LED wall luminaires

Directed light

Compact LED luminaires in two housing lengths and light outputs. Luminaires with shallow overhang for different installation heights.

As single luminaires with a low mounting height, they can be used for marking danger areas, or in rows for illuminating corridors and passageways – indoors and outdoors. With greater mounting heights, they can be used as wall luminaires next to front doors or for the illumination of smaller wall surfaces.

Protection class IP 64 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

BEGA Ultimate Driver® · On/Off power supply unit

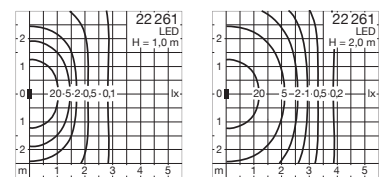
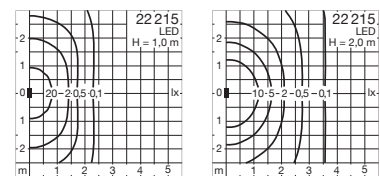
20 years' availability guarantee for LED modules

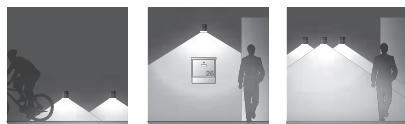
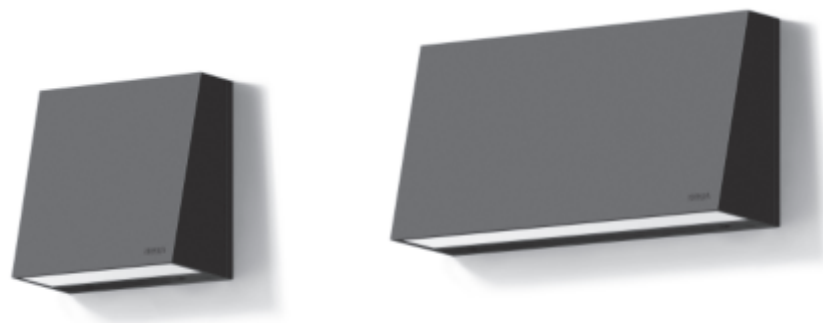
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might 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®.

Luminaire colour graphite or silver

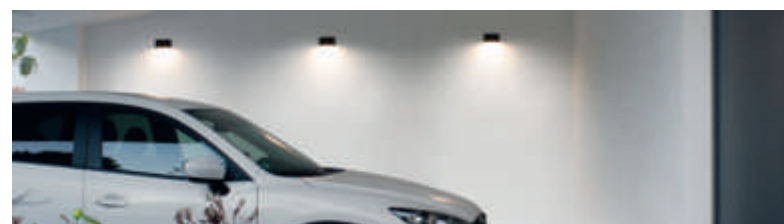
■ Graphite – article number · ■ Silver – article number + **A**





LED wall luminaires

	LED	PSU	EEC	A	B	C	AC/DC
22 215	2.7 W 170 lm	On/Off	A++	90	95	60	✓
22 261	5.3 W 360 lm	On/Off	A++	175	95	60	✓





LED wall luminaires

Directed light

Shielded wall luminaires with directed light which, on account of their compact dimensions, are particularly suitable for installation on pillars and the front surfaces of external walls. Luminaires for different installation heights and many different uses in private and public areas. As single luminaires with a low mounting height, they can be used for marking danger areas – in rows for illuminating corridors and passageways.

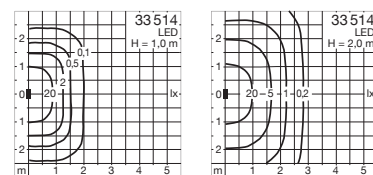
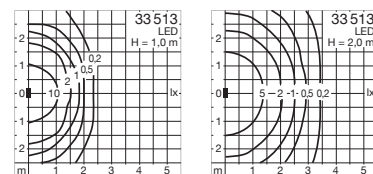
Protection class IP 64 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 BEGA Ultimate Driver® · On/Off power supply unit
 20 years' availability guarantee for LED modules

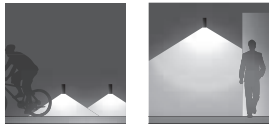
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might 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®.

Luminaire colour graphite or silver

■ Graphite – article number
 ■ Silver – article number + **A**





LED wall luminaires							
	LED	PSU	EEC	A	B	C	AC/DC
33 513	2.8 W 190 lm	On/Off	A++	55	140	60	✓
33 514	4.1 W 195 lm	On/Off	A++	55	200	60	✓





LED wall luminaires

Light emission on one or two sides

Compact LED luminaires with light emission on one or two sides. The design of these luminaires is influenced by the thick-walled partially frosted crystal glass with its impressive light graphics. Whether as single luminaires or lined up in rows, they guarantee the striking illumination of buildings in public and private areas.

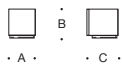
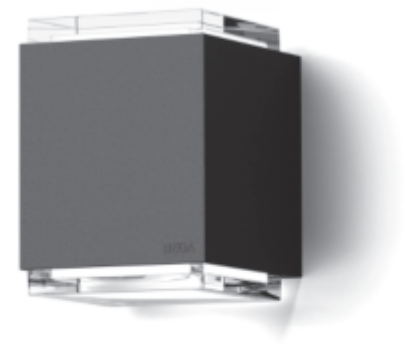
Protection class IP 64 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Crystal glass, inside white
 Luminaires with On/Off power supply unit or
 DALI controllable power supply unit
 20 years' availability guarantee for LED modules
 Luminaires with light emission aperture on one side must be mounted with the light emission directed downwards.

LED colour temperature: 3000 K – article number + **K3**

The power information might 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®.

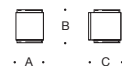
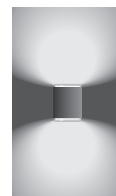
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Light emission **on one side**

	LED	PSU	EEC	A	B	C	AC/DC
33 405	5.0 W 205 lm	On/Off	A++	90	110	110	✓
33 449	10.0 W 420 lm	On/Off	A++	120	140	140	✓



Light emission **on two sides**

	LED	PSU	EEC	A	B	C	AC/DC
33 505	7.8 W 235 lm	On/Off	A++	90	120	110	✓
33 549	19.8 W 700 lm	DALI	A++	120	155	140	✓



The luminaires can be installed in any burning position.

LED wall luminaires Directed light

Compact LED wall luminaires with light emission on one side. The flush-mounted luminaire glass distributes the light onto the surface to be illuminated and onto the installation surface uniformly with very wide beam light distribution. Whether as single luminaires or lined up in rows – they illuminate and accentuate wall surfaces and architectural details around the house.

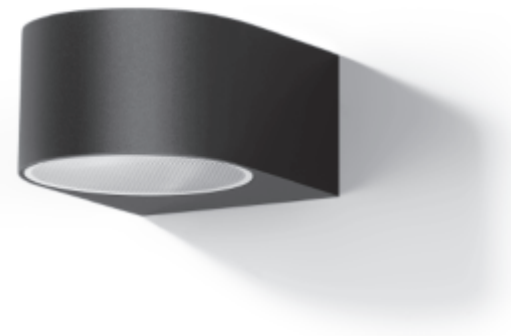
Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Safety glass
BEGA Ultimate Driver® · On/Off power supply unit
20 years' availability guarantee for LED modules
The luminaires can be installed in any burning position.

LED colour temperature: 3000K – article number + **K3**

The power information might 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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED wall luminaires							
	LED	PSU	EEC	A	B	C	AC/DC
33 223	4.1 W 345 lm	On/Off	A++	100	60	130	✓
33 224	5.0 W 530 lm	On/Off	A++	140	60	185	✓





LED wall luminaires

with different light emission options

Wall luminaires with four light distributions that accent wall surfaces at low ambient brightness. Luminaires in different sizes that can be mounted in any burning position. Our LED technology and a light-directing reflector allow these compact luminaires with shallow overhang. Cost-effective luminaires with which a multitude of design variants and numerous light graphics can be realised. For striking wall lighting with low ambient brightness in private areas.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Borosilicate glass

Reflector surface made of pure aluminium · On/Off power supply unit

20 years' availability guarantee for LED modules

The luminaires can be installed in any burning position.

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

The power information might 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®.

Luminaire colour graphite, white or silver

■ Graphite – article number

□ White – article number + **W**

■ Silver – article number + **A**



90° light emission · 15° light emission

	LED	PSU	EEC	A	B	AC/DC
24 048	6.9 W 130 lm	On/Off	A++	145	65	✓
24 049	12.0 W 230 lm	On/Off	A++	190	80	✓



90° light emission

	LED	PSU	EEC	A	B	AC/DC
24 052	6.9 W 140 lm	On/Off	A++	145	65	✓
24 055	12.0 W 240 lm	On/Off	A++	190	80	✓



180° light emission

	LED	PSU	EEC	A	B	AC/DC
24 051	6.9 W 260 lm	On/Off	A++	145	65	✓
24 054	12.0 W 465 lm	On/Off	A++	190	80	✓



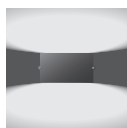
360° light emission

	LED	PSU	EEC	A	B	AC/DC
24 050	13.8 W 735 lm	On/Off	A++	145	65	✓
24 053	23.3 W 1345 lm	On/Off	A++	190	80	✓





On one side



On two sides



Wall luminaires

Light emission on one or two sides

Robust wall luminaires with a shielded light source. Optionally available with light emission on one or two sides. Luminaires whose installation surface is at the same time the reflection surface for the emitted light.

The direct light and the reflected light of the luminaires create a glare-free lighting atmosphere with pleasant visual comfort. Luminaires for many applications around the house and in public areas.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

LED luminaires: On/Off power supply unit

20 years' availability guarantee for LED modules

Luminaires with light emission aperture on one side must be mounted with the light emission directed downwards.

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

The power information might 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®.

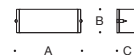
You will find suitable BEGA LED lamps with screw base E 27 on Page 534.


Luminaire colour graphite, white or silver

■ Graphite – article number

□ White – article number + **W**

■ Silver – article number + **A**



 You can find LED lamps on Page 534.

Light emission on one side

	LED	PSU	EEC	A	B	C	AC/DC
22 359	10.0 W 460 lm	On/Off	A++	200	110	100	✓
22 360	18.5 W 1025 lm	On/Off	A++	300	110	100	✓
	Lamp	Base					
22 396	1 lamp 60 W	E 27	A++-E	200	110	100	–
22 398	2 lamps 40 W	E 27	A++-E	300	110	100	–

Light emission on two sides

	LED	PSU	EEC	A	B	C	AC/DC
22 363	10.0 W 700 lm	On/Off	A++	200	110	100	✓
22 365	18.5 W 1660 lm	On/Off	A++	300	110	100	✓
	Lamp	Base					
22 397	1 lamp 60 W	E 27	A++-E	200	110	100	–
22 399	2 lamps 40 W	E 27	A++-E	300	110	100	–



LED wall luminaires

A series of compact and efficient LED wall luminaires. Thick-walled crystal glass with impressive ice edges is combined with a cast aluminium housing to create a formal unity. The results are luminaires which feature a modern streamlined design and ideal proportions, by day and by night. Cost-effective and aesthetic structural details for good light.

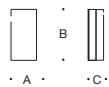
Protection class IP 65 · BEGA Thermal Management®
Aluminium and stainless steel · Crystal glass, inside white
Luminaires with On/Off power supply unit or
DALI controllable power supply unit
20 years' availability guarantee for LED modules

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

The power information might 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®.

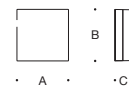
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED wall luminaire · **Rectangular**

	LED	PSU	EEC	A	B	C	AC/DC
33 604	4.9 W 300 lm	On/Off	A++	120	240	75	✓



LED wall luminaires · **Square**

	LED	PSU	EEC	A	B	C	AC/DC
33 601	7.5 W 610 lm	On/Off	A++	170	170	70	✓
33 602	13.5 W 1170 lm	DALI	A++	240	240	75	✓



LED wall luminaires

LED wall luminaires shielded on one side, which we have adapted perfectly to our LED technology. Luminaires with a small overhang and clear-cut lines. Contemporary in design and cost-effective in operation, they represent durable and aesthetic structural details for good light.

LED wall luminaires which, individually or in groups, can perform numerous lighting tasks around the house and on structures in private or public areas.

You can find luminaires shielded on two sides with the same dimensions on Page 170.

On request, the luminaires of this series are also available with weatherproof numbers, symbols or labelling. This allows house numbers and notices to be read easily, even from great distances – by day and by night.

Protection class IP 65 · BEGA Thermal Management®

Aluminium and stainless steel · Crystal glass, inside white

On/Off power supply unit

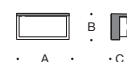
20 years' availability guarantee for LED modules

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

The power information might 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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



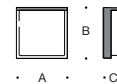
LED wall luminaires · Rectangular

	LED	PSU	EEC	A	B	C	AC/DC
24 338	4.0 W	280 lm	On/Off	A++	180	100	70 ✓
24 339	6.9 W	580 lm	On/Off	A++	240	120	85 ✓
24 340	10.0 W	820 lm	On/Off	A++	280	130	85 ✓



LED wall luminaires · **Rectangular**

	LED	PSU	EEC	A	B	C	AC/DC
24 335	4.0 W	300 lm	On/Off	A++	100	180	70 ✓
24 336	6.9 W	620 lm	On/Off	A++	120	240	85 ✓
24 337	10.0 W	860 lm	On/Off	A++	130	280	85 ✓



LED wall luminaires · **Square**

	LED	PSU	EEC	A	B	C	AC/DC
24 132	6.7 W	595 lm	On/Off	A++	180	180	70 ✓
24 070	13.7 W	1010 lm	On/Off	A++	240	240	85 ✓



LED wall luminaires

LED wall luminaires shielded on two sides and perfectly adapted to our LED technology. Luminaires with a small overhang and clear-cut lines. Contemporary in design and cost-effective in operation, they represent durable and aesthetic structural details for good light. LED wall luminaires which, individually or in groups, can perform numerous lighting tasks around the house and on structures in private or public areas. The luminaires in this series can be shielded at the top and bottom or to the right and left, depending on how they are installed.

You can find luminaires shielded on one side with the same dimensions on Page 168.

On request, the luminaires of this series are also available with weatherproof numbers, symbols or labelling. This allows house numbers and notices to be read easily, even from great distances – by day and by night.

Protection class IP 65 · BEGA Thermal Management®
 Aluminium and stainless steel · Crystal glass, inside white
 On/Off power supply unit
 20 years · availability guarantee for LED modules

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

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®.

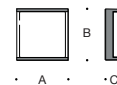
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED wall luminaires - Rectangular

	LED	PSU	EEC	A	B	C	AC/DC
24 341	4.0 W	290 lm	On/Off	A++	100	180	70 ✓
24 342	6.9 W	600 lm	On/Off	A++	120	240	85 ✓
24 343	10.0 W	840 lm	On/Off	A++	130	280	85 ✓



LED wall luminaires - Square

	LED	PSU	EEC	A	B	C	AC/DC
24 133	6.8 W	640 lm	On/Off	A++	180	180	70 ✓
24 071	13.7 W	1090 lm	On/Off	A++	240	240	85 ✓



Impact-resistant LED wall luminaires

Optionally with PIR motion and light sensor

Characteristic of a whole series of luminaires in the BEGA range of products – and meanwhile for many luminaires by other manufacturers all over the world. Luminaires that have become the absolute standard for outdoor luminaires. We have been producing this series for more than three decades, continuously improving its technical specifications year after year. As early as 1980, the series won international awards for its excellent design, and the concept and design have constantly proven themselves ever since.

Economical and reliable, they can be found illuminating many architectural features around the world.

We have redesigned this series and adapted it both to today's market requirements and our latest LED technology. We have gone about changing their design very cautiously in order to maintain these luminaires' status as an absolute classic. The luminaire 24 347 with a built-in passive infrared motion and light sensor reacts to thermal radiation in the dark, switching on when people or animals move in the vicinity of the luminaire. It is parameterised via Bluetooth and the free BEGA Tool app.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Crystal glass, inside white

On/Off power supply unit

20 years' availability guarantee for LED modules

LED colour temperature: 3000K – article number + **K3** or

4000K – article number + **K4**

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®.

Luminaire colour graphite, white or silver

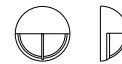
■ Graphite – article number

□ White – article number + **W**

■ Silver – article number + **A**



The luminaire 24 347 in this series is also available with a built-in passive infrared motion and light sensor which reacts to thermal radiation in the dark.



· A · · B ·

LED wall luminaires							
	LED	PSU	EEC	A	B	AC/DC	
24 344	5.2 W	310 lm	On/Off	A++	200	100	✓
24 346	9.5 W	640 lm	On/Off	A++	260	135	✓

LED wall luminaires · With PIR motion and light sensor							
	LED	PSU	EEC	A	B	AC/DC	
24 347	10.5 W	640 lm	On/Off	A++	260	135	✓



Impact-resistant wall luminaires and ceiling luminaires
Unshielded or shielded light

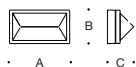
Impact-resistant luminaires made of cast aluminium and crystal glass.
Optionally unshielded or shielded upwards.
A variety of sizes and light outputs makes these luminaires extremely versatile.
Its range of possible applications is also extended by its high protection class.
Used singly or in groups, these are excellent design elements for a multitude
of lighting applications both indoors and out.

Protection class IP 65 · BEGA Thermal Management®
Cast aluminium and stainless steel · Crystal glass, inside white
LED luminaires: On/Off power supply unit
20 years' availability guarantee for LED modules

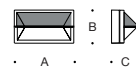
LED colour temperature: 3000 K – article number + **K3** or
4000 K – article number + **K4**

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®.
You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

Luminaire colour graphite or silver
■ Graphite – article number · ■ Silver – article number + **A**



You can find
LED lamps on
Page 534.



You can find
LED lamps on
Page 534.

Wall and ceiling luminaires · Unshielded

	LED	PSU	EEC	A	B	C	AC/DC	
24 598	5.0 W	395 lm	On/Off	A++	210	120	100	✓
24 599	6.9 W	440 lm	On/Off	A++	280	160	125	✓
	Lamp	Base						
22 601	1 lamp	60 W	E 27	A++-E	210	120	100	—
22 603	2 lamps	60 W	E 27	A++-E	280	160	125	—

Wall luminaires · Shielded

	LED	PSU	EEC	A	B	C	AC/DC	
22 649	5.0 W	245 lm	On/Off	A++	210	120	110	✓
22 656	6.9 W	340 lm	On/Off	A++	280	160	135	✓
	Lamp	Base						
22 611	1 lamp	60 W	E 27	A++-E	210	120	110	—
22 613	2 lamps	60 W	E 27	A++-E	280	160	135	—



LED wall luminaires

Light emission on one or two sides

These wall luminaires in different lengths and light outputs open up many design options in lighting architecture. Luminaires with shielded light source, optionally with light emission on one or two sides.

Wall luminaires with a high protection class for use both indoors and out.

These are brilliant design elements which allow interesting illumination concepts individually, in rows or groups.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

DALI controllable

20 years' availability guarantee for LED modules

Luminaires with light emission aperture on one side must be mounted with the light emission directed downwards.

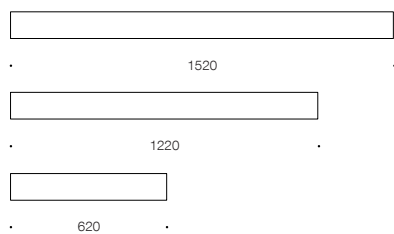
LED colour temperature: 3000K – article number + **K3** or

4000K – article number + **K4**

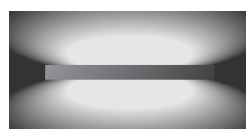
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Light emission on one side



Light emission on two sides



Light emission on one side

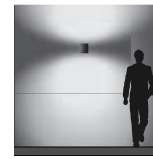
	LED	PSU	EEC	A	B	C	AC/DC
44 417	11.7 W	585 lm	DALI	A++	620	105 125	✓
44 418	26.0 W	1225 lm	DALI	A++	1220	105 125	✓
44 419	33.8 W	1400 lm	DALI	A++	1520	105 125	✓

Light emission on two sides

	LED	PSU	EEC	A	B	C	AC/DC
44 436	11.7 W	590 lm	DALI	A++	620	105 125	✓
44 437	26.0 W	1185 lm	DALI	A++	1220	105 125	✓
44 438	33.8 W	1645 lm	DALI	A++	1520	105 125	✓



On one side



On two sides

LED wall washers

Light emission on one or two sides

Compact LED wall washers with shielded light source that emit their light optionally in one or two directions. A precise reflector inside the housing directs the light of the LED onto the mounting surface without any glare at all. The direct and reflected light of the luminaires creates a pleasant lighting atmosphere with high visual comfort. Luminaires for many applications around the house and in public areas.

24 370 · 24 371 Protection class IP 64 · 24 134 · 24 135 Protection class IP 65
BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

Luminaire 24 370 must be mounted with the light emission directed downwards.

LED colour temperature: 3000K – article number + **K3**

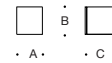
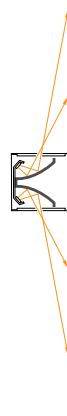
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite, white or silver

■ Graphite – article number

□ White – article number + **W**

■ Silver – article number + **A**

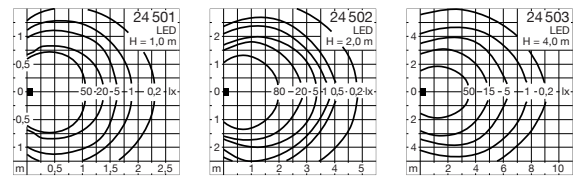


Light emission on one side

	LED	PSU	EEC	A	B	C	AC/DC	
24 370	10.0 W	420 lm	On/Off	A++	120	130	140	✓
24 134	18.7 W	880 lm	DALI	A++	180	180	175	✓

Light emission on two sides

	LED	PSU	EEC	A	B	C	AC/DC	
24 371	19.6 W	805 lm	On/Off	A++	120	130	140	✓
24 135	37.5 W	1760 lm	DALI	A++	180	180	175	✓



LED wall luminaires

Directed light

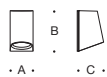
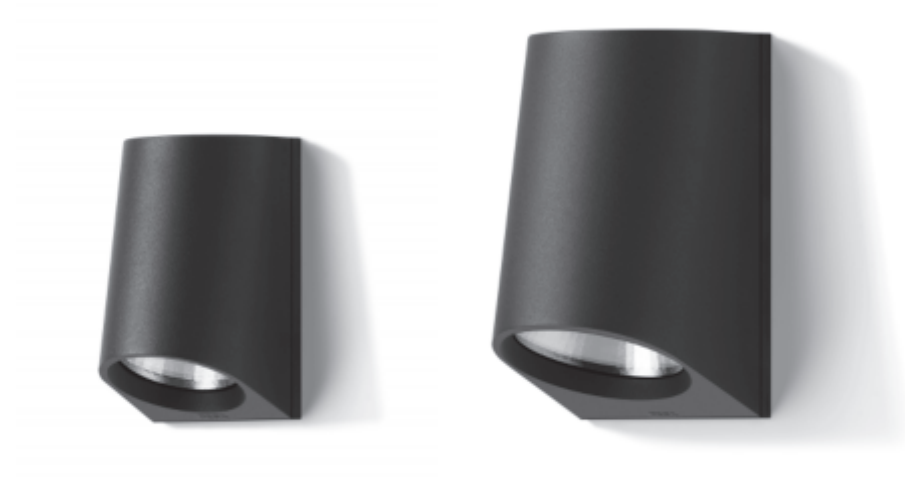
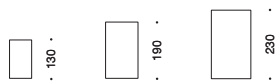
Compact, robust LED wall luminaires with rotationally symmetrical light distribution. Luminaires in different sizes for numerous lighting applications. This luminaire series is particularly suitable for uniformly illuminating the areas in front of the installation surface. The smallest variant in the series is ideal for low installation heights in order to mark danger points and provide guiding illumination.

Protection class IP 64 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Reflector made of pure anodised aluminium
 Luminaires with On/Off power supply unit or DALI controllable power supply unit
 20 years' availability guarantee for LED modules
 The luminaires must be mounted with the light emission directed downwards.

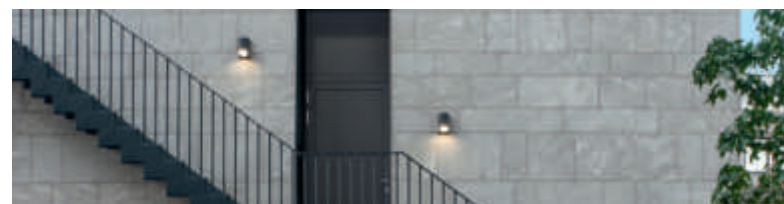
LED colour temperature: 3000K – article number + **K3** or
 4000K – article number + **K4**

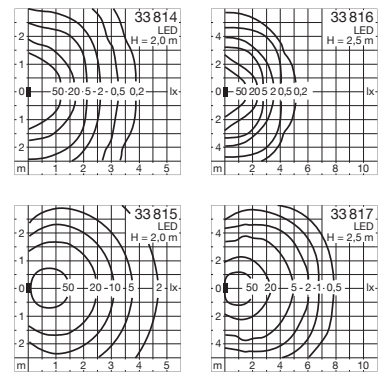
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver
 ■ Graphite – article number · ■ Silver – article number + **A**



LED wall luminaires							
	LED	PSU	EEC	A	B	C	AC/DC
24 501	5.1 W	340 lm	On/Off	A++	75	130	80 ✓
24 502	17.0 W	1215 lm	DALI	A++	110	190	120 ✓
24 503	24.8 W	2020 lm	DALI	A++	130	230	150 ✓





LED wall luminaires

Symmetrical or asymmetrical light distribution

Shielded LED wall luminaires with symmetrical or asymmetrical light distribution which, on account of their dimensions, are particularly suitable for installation on pillars and the front surfaces of external walls.

With our LED technology, we are continuing the design idea of the previous successful luminaires. Compact, efficient and ideally equipped for long and cost-effective operating times – these LED luminaires embody the consistent implementation of the new technology.

For different installation heights and many different uses in private and public areas.

Protection class IP 64 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium · DALI controllable

20 years' availability guarantee for LED modules

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

LED colour temperature: 3000 K – article number + **K3** or

4000 K – article number + **K4**

The power information might 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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Symmetrical
light distribution



Asymmetrical
light distribution



Symmetrical light distribution

	LED	PSU	EEC	A	B	C	AC/DC	
33814	10.0 W	775 lm	DALI	A++	110	190	110	✓
33816	17.0 W	1655 lm	DALI	A++	130	230	135	✓

Asymmetrical light distribution

	LED	PSU	EEC	A	B	C	AC/DC	
33815	10.0 W	615 lm	DALI	A++	110	190	110	✓
33817	17.0 W	1330 lm	DALI	A++	130	230	135	✓



LED wall luminaires

Symmetrical or asymmetrical light distribution

We have been producing these luminaires for over 30 years now and have continuously improved them technically. They are design-defining luminaires of the BEGA range and models for numerous luminaires worldwide.

This successful design idea is being continued with our efficient LED technology. Compact, efficient and cost-effective wall luminaires with symmetrical or asymmetrical light distribution.

With symmetrical light distribution, they are used for illuminating wall surfaces.

The mounting surface acts simultaneously as a reflection surface.

Luminaires with asymmetrical light distribution mainly illuminate the ground surfaces adjacent to the installation surface.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

Luminaires optionally with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

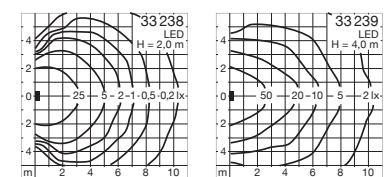
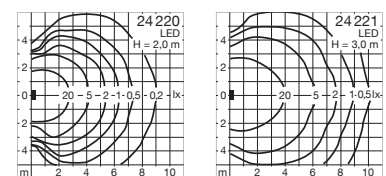
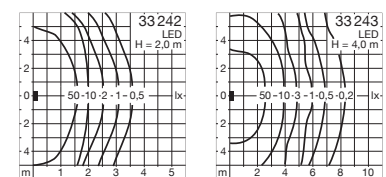
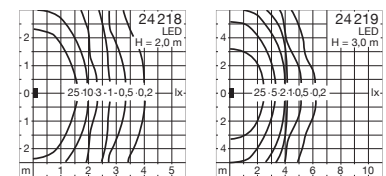
The luminaires must be mounted with the light emission directed downwards.

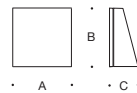
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might 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®.

Luminaire colour graphite or silver

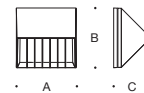
■ Graphite – article number · ■ Silver – article number + **A**





Symmetrical light distribution

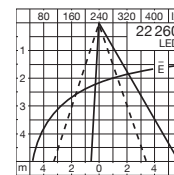
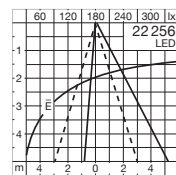
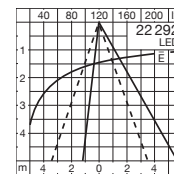
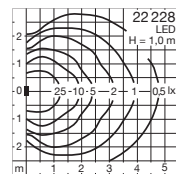
	LED	PSU	EEC	A	B	C	AC/DC
24 218	11.0 W 940 lm	On/Off	A++	200	200	95	✓
24 219	17.4 W 1705 lm	On/Off	A++	280	280	135	✓
33 242	21.0 W 2345 lm	DALI	A++	200	200	95	✓
33 243	34.0 W 4010 lm	DALI	A++	280	280	135	✓

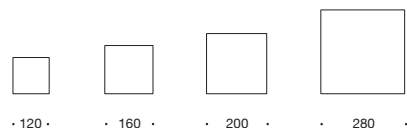


Asymmetrical light distribution

	LED	PSU	EEC	A	B	C	AC/DC
24 220	11.0 W 750 lm	On/Off	A++	200	200	135	✓
24 221	17.4 W 1360 lm	On/Off	A++	280	280	175	✓
33 238	21.0 W 1575 lm	DALI	A++	200	200	135	✓
33 239	34.0 W 3495 lm	DALI	A++	280	280	175	✓

 You can find emergency lighting luminaires with a single emergency lighting battery from this series at: bega.com/emergency-lighting





LED wall luminaires

Directed light · Asymmetrical light distribution

Compact and robust LED wall luminaires for illuminating ground surfaces in front of walls and buildings. Luminaires in different sizes and light outputs for a host of lighting applications. Luminaire 22 228 from this series is installed at low heights to mark danger points such as steps or to provide guiding illumination along paths.

These are durable construction details that prove convincing thanks to careful and responsible design as well as maximum lighting and structural quality.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

LED colour temperature: 3000 K – article number + **K3** or

4000 K – article number + **K4**

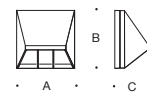
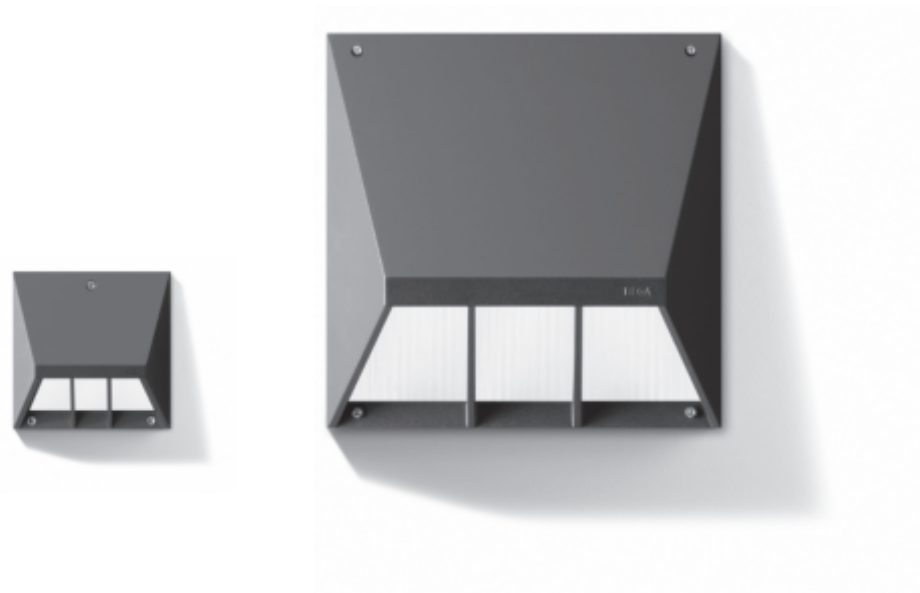
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Luminaire colour graphite, white or silver

■ Graphite – article number

□ White – article number + **W**

■ Silver – article number + **A**



LED wall luminaires

	LED	PSU	EEC	A	B	C	AC/DC
22 228	4.0 W	160 lm	On/Off	A++	120	120	70 ✓
22 292	9.5 W	615 lm	On/Off	A++	160	160	95 ✓
22 256	21.2 W	1680 lm	DALI	A++	200	200	115 ✓
22 260	34.0 W	3555 lm	DALI	A++	280	280	150 ✓



You can find emergency lighting luminaires with a single emergency lighting battery from this series at: bega.com/emergency-lighting



LED wall washers

Symmetrical or asymmetrical light distribution

Compact and powerful LED wall washers, optionally with symmetrical or asymmetrical light distribution.

Luminaires with symmetrical light distribution are used to illuminate wall surfaces.

The mounting surface acts simultaneously as a reflection surface. Depending on the direction of the beam, luminaires with asymmetrical light distribution mainly illuminate the surfaces adjacent to the installation surface, such as ceilings, arches, canopies, cantilever plates or ground surfaces.

Flush safety glass which reduces the accumulation of dirt and water are the norm for these luminaires. These are durable construction details that prove convincing thanks to maximum standards of lighting and structural quality.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium · DALI controllable

20 years' availability guarantee for LED modules

The luminaires can be installed in any burning position.

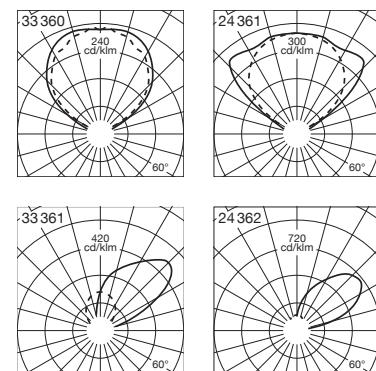
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

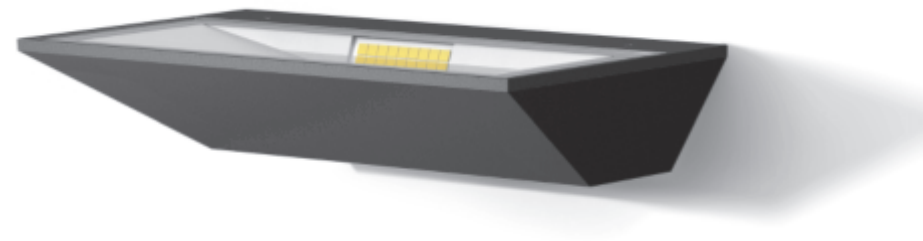
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You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite, white or silver

- Graphite – article number
- White – article number + **W**
- Silver – article number + **A**

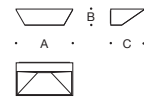




Symmetrical
light distribution



Asymmetrical
light distribution

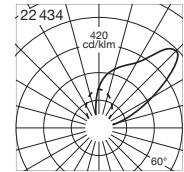
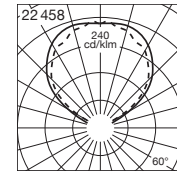
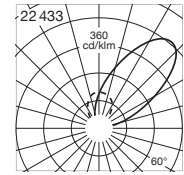
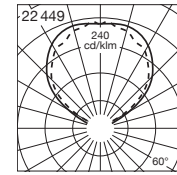


Symmetrical light distribution

	LED	PSU	EEC	A	B	C	AC/DC
33 360	19.2 W	1890 lm	DALI	A++	260	75 155	✓
24 361	38.0 W	3985 lm	DALI	A++	320	105 190	✓

Asymmetrical light distribution

	LED	PSU	EEC	A	B	C	AC/DC
33 361	19.2 W	1725 lm	DALI	A++	260	75 155	✓
24 362	38.0 W	3725 lm	DALI	A++	320	105 190	✓



LED wall washers

Symmetrical or asymmetrical light distribution

Luminaires with symmetrical light distribution are for illuminating large wall surfaces, with the mounting surface also acting as a reflection surface. Depending on the direction of the beam, luminaires with asymmetrical light distribution mainly illuminate the surfaces adjacent to the installation surface, such as ceilings, arches, canopies, cantilever plates or ground surfaces. Flush safety glass prevents dirt and water from accumulating on the luminaires. These are durable construction details that prove convincing thanks to careful and responsible design as well as maximum lighting and structural quality.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Reflector made of pure anodised aluminium · DALI controllable
 20 years' availability guarantee for LED modules
 The luminaires can be installed with light emission either upwards or downwards.

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

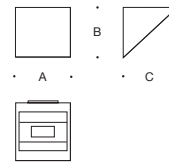
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Luminaire colour graphite, white or silver

- Graphite – article number
- White – article number + **W**
- Silver – article number + **A**



The luminaires can be installed with light emission either upwards or downwards.



Symmetrical light distribution



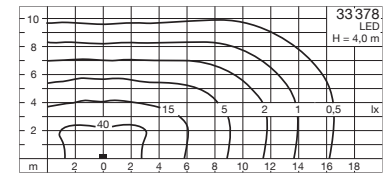
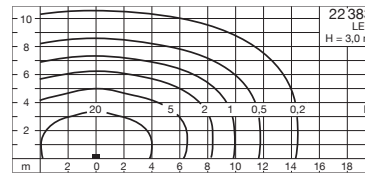
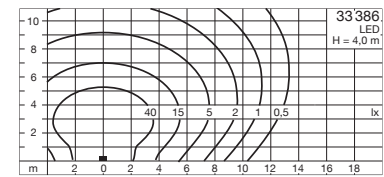
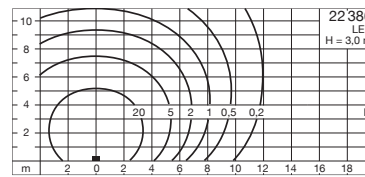
Asymmetrical light distribution

Symmetrical light distribution

	LED	PSU	EEC	A	B	C	AC/DC	
22 449	21.3 W	2315 lm	DALI	A++	165	165	180	✓
22 458	36.0 W	4375 lm	DALI	A++	260	215	245	✓

Asymmetrical light distribution

	LED	PSU	EEC	A	B	C	AC/DC	
22 433	19.5 W	1970 lm	DALI	A++	165	165	180	✓
22 434	36.0 W	4035 lm	DALI	A++	260	215	245	✓



LED wall washers

Light emission on one side

Symmetrical, asymmetrical or flat beam light distribution

A group of LED wall washers with three light distributions for different lighting requirements.

- Symmetrical light distribution to illuminate façade and wall surfaces, with the mounting surface also acting as a reflection surface.
- Asymmetrical light distribution to illuminate the ground surfaces in front of walls and façades. Here, the main focus is on the spatial illumination of the ground surfaces.
- Flat beam light distribution to illuminate the ground surfaces in front of walls and façades. Here, the main focus is on the flat beam illumination of the surfaces near the building.

These are cost-effective dimmable luminaires with high luminous efficiency, low connected wattage and long LED service life.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium · DALI controllable

20 years' availability guarantee for LED modules

The luminaires can be installed in any burning position. In this way, surfaces adjacent to the installation surface can be illuminated, for example ceilings, arches, canopies and cantilever plates.

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

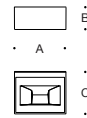
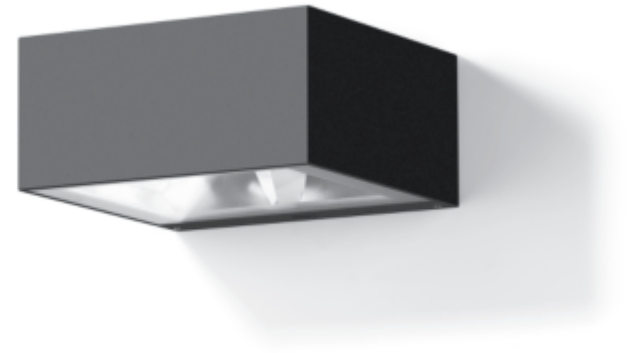
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Luminaire colour graphite, white or silver

■ Graphite – article number

□ White – article number + **W**

■ Silver – article number + **A**



Symmetrical light distribution

	LED	PSU	EEC	A	B	C	AC/DC
22 392	21.5 W	2905 lm	DALI	A++	240	105 200	✓
33 388	33.5 W	4660 lm	DALI	A++	320	125 220	✓



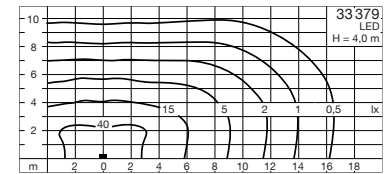
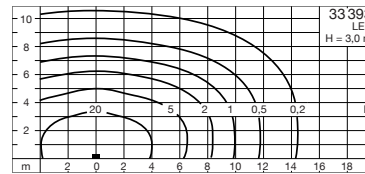
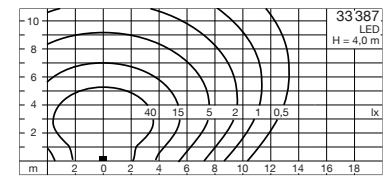
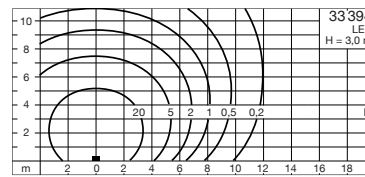
Asymmetrical light distribution

	LED	PSU	EEC	A	B	C	AC/DC
22 386	21.5 W	2350 lm	DALI	A++	240	105 200	✓
33 386	33.5 W	4415 lm	DALI	A++	320	125 220	✓



Flat beam light distribution

	LED	PSU	EEC	A	B	C	AC/DC
22 383	19.0 W	2325 lm	DALI	A++	240	105 200	✓
33 378	31.0 W	3675 lm	DALI	A++	320	125 220	✓



LED wall washers

Light emission on two sides

Symmetrical, asymmetrical or flat beam light distribution

LED wall washers with light emission on two sides, with three light distributions for different lighting requirements.

One light emission always has symmetrical light distribution, which serves to illuminate the façade and wall surfaces. The following light distributions are available for the second light emission.

- Symmetrical light distribution to illuminate façade and wall surfaces, with the mounting surface also acting as a reflection surface.
- Asymmetrical light distribution to illuminate the ground surfaces in front of walls and façades. Here, the main focus is on the spatial illumination of the ground surfaces.
- Flat beam light distribution to illuminate the ground surfaces in front of walls and façades. Here, the main focus is on the flat beam illumination of the surfaces near the building.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

2 integral power supply units, individually DALI controllable

20 years' availability guarantee for LED modules

The luminaires can be installed in any burning position.

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

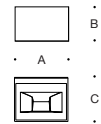
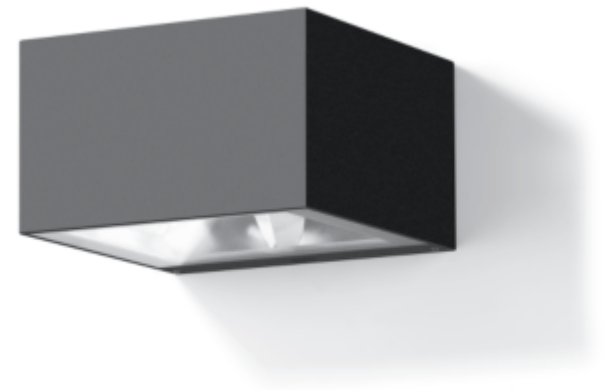
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Luminaire colour graphite, white or silver

■ Graphite – article number

□ White – article number + **W**

■ Silver – article number + **A**



Symmetrical · Symmetrical

	LED	PSU	EEC	A	B	C	AC/DC
33 395	42.6 W	5550 lm	DALI	A++	250	160 200	✓
33 389	66.5 W	9405 lm	DALI	A++	330	180 220	✓



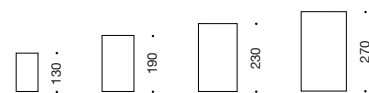
Symmetrical · Asymmetrical

	LED	PSU	EEC	A	B	C	AC/DC
33 394	42.6 W	4835 lm	DALI	A++	250	160 200	✓
33 387	66.5 W	9405 lm	DALI	A++	330	180 220	✓



Symmetrical · Flat beam

	LED	PSU	EEC	A	B	C	AC/DC
33 393	41.0 W	4635 lm	DALI	A++	250	160 200	✓
33 379	64.0 W	8690 lm	DALI	A++	330	180 220	✓



LED wall luminaires

Light emission on one or two sides

The wall luminaires in this series offer a wide range of design options with different sizes and light outputs. Whether as single luminaires or as a row of luminaires: these are good design elements for illuminating wall and façade surfaces.

The low connected wattage and long service life of these LED luminaires make them cost-effective devices with extremely long maintenance intervals.

Protection class IP 64 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Very narrow beam luminaires with optical silicone lens

Reflector made of pure anodised aluminium

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

Luminaires with light emission aperture on one side and luminaires with very narrow beam light emission upwards must be mounted with the narrow beam light emission directed downwards.

LED colour temperature: 3000K – article number + **K3** or

4000K – article number + **K4**

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®.

Luminaire colour graphite, white or silver


■ Graphite – article number

□ White – article number + **W**


■ Silver – article number + **A**




Narrow beam downwards

	LED	PSU	EEC	β	A	B	C	AC/DC	
 33 579	2.5 W	155 lm	On/Off	A++	23°	75	130	95	✓
33 580	6.3 W	315 lm	DALI	A++	24°	110	190	125	✓
33 581	10.3 W	740 lm	DALI	A++	20°	130	230	150	✓
24 582	20.0 W	1580 lm	DALI	A++	16°	150	270	175	✓

Narrow beam upwards and downwards

	LED	PSU	EEC	β	A	B	C	AC/DC	
 33 590	4.9 W	295 lm	On/Off	A++	23°	75	130	95	✓
33 591	10.5 W	600 lm	DALI	A++	24°	110	190	125	✓
33 592	19.3 W	1450 lm	DALI	A++	20°	130	230	150	✓
24 593	38.4 W	3000 lm	DALI	A++	16°	150	270	175	✓

Very narrow beam upwards · Narrow beam downwards

	LED	PSU	EEC	β	A	B	C	AC/DC	
 24 594	4.9 W	275 lm	On/Off	A++	20/13°	75	130	95	✓
24 595	10.5 W	435 lm	DALI	A++	16/12°	110	190	125	✓
24 596	19.3 W	1040 lm	DALI	A++	20/9°	130	230	150	✓
24 597	38.4 W	1870 lm	DALI	A++	16/9°	150	270	175	✓

β = Half beam angle



LED wall luminaires

Light emission on one or two sides

Wall luminaires with rotationally symmetrical narrow beam light distribution optionally with light emission on one or two sides. These luminaires are also ideal for installation on narrow structural elements thanks to their compact size. Three sizes with different light outputs offer a multitude of design options both indoors and out.

Specially processed safety glass prevents dirt and water from accumulating on the luminaires. These are durable lighting tools that impress through careful and responsible attention to detail and maximum lighting and technical quality.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

Luminaires with On/Off power supply unit or DALI controllable power supply unit
20 years' availability guarantee for LED modules

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

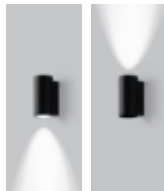
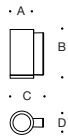
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite, white or silver

■ Graphite – article number

□ White – article number + **W**

■ Silver – article number + **A**



Light emission on one side

	LED	PSU	EEC	β	A	B	C	D	AC/DC	
66 649	2.5 W	165 lm	On/Off	A++	20°	60	155	105	40	✓
66 655	10.0 W	770 lm	DALI	A++	21°	110	230	160	40	✓
24 034	14.0 W	1105 lm	DALI	A++	17°	110	230	160	40	✓
66 698	15.0 W	1250 lm	DALI	A++	17°	150	280	200	40	✓
24 035	21.0 W	1725 lm	DALI	A++	14°	150	280	200	40	✓



Light emission on two sides

	LED	PSU	EEC	β	A	B	C	D	AC/DC	
66 512	5.4 W	295 lm	On/Off	A++	20°	60	275	105	40	✓
66 516	19.0 W	1525 lm	DALI	A++	21°	110	500	160	40	✓
24 008	27.2 W	2215 lm	DALI	A++	17°	110	500	160	40	✓
66 519	28.5 W	2445 lm	DALI	A++	17°	150	550	200	40	✓
24 009	40.0 W	3300 lm	DALI	A++	14°	150	550	200	40	✓

β = Half beam angle



LED wall luminaires

with different light emission options

LED wall luminaires for effective and efficient accent lighting of walls and facades. Luminaires with a very small overhang and a newly developed optical system. Precise silicone lenses with varying beam angles and precise light deflection produce striking light graphics on the installation surface. Silicone lenses are subject to virtually no wear and, in conjunction with our LED technology, make the luminaires durable and economical lighting tools.

Luminaires with a small overhang and a rectangular design open up new possibilities for accentuating walls and facades. You can find luminaires with identical technology but in round and square designs on Page 202.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Safety glass · Optical silicone lens · DALI controllable

20 years' availability guarantee for LED modules

The luminaires can be installed in any burning position.

The BEGA mounting system enables exact alignment after installation.

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

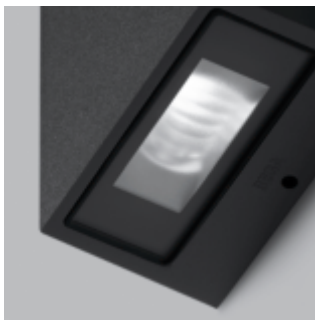
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite, white or silver

■ Graphite – article number

□ White – article number + **W**

■ Silver – article number + **A**



2 x 15° light emission

	LED	PSU	EEC	A	B	C	AC/DC
24 127	5.5 W 175 lm	DALI	A++	120	180	70	✓



90° light emission · 15° light emission

	LED	PSU	EEC	A	B	C	AC/DC
24 088	9.0 W 295 lm	DALI	A++	120	180	70	✓



2 x 90° light emission

	LED	PSU	EEC	A	B	C	AC/DC
24 087	11.5 W 410 lm	DALI	A++	120	180	70	✓



LED wall luminaires

with different light emission options

LED wall luminaires for effective and efficient accent lighting of walls and facades. Luminaires with a very small overhang and a newly developed optical system. Precise silicone lenses with varying beam angles and precise light deflection produce striking light graphics on the installation surface. Silicone lenses are subject to virtually no wear and, in conjunction with our LED technology, make the luminaires durable and economical lighting tools.

Luminaires with a small overhang and a round or square design open up new possibilities for accentuating walls and facades. You can find luminaires with identical technology but in a rectangular design on Page 200.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Safety glass · Optical silicone lens · DALI controllable

20 years' availability guarantee for LED modules

The luminaires can be installed in any burning position.

The BEGA mounting system enables exact alignment after installation.

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

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®.

Luminaire colour graphite, white or silver

■ Graphite – article number

□ White – article number + **W**

■ Silver – article number + **A**





· A · · B ·



2 x 15° light emission

	LED	PSU	EEC	A	B	AC/DC
24 177	5.5 W	180 lm	DALI	A++	180 70	✓



2 x 90° light emission

	LED	PSU	EEC	A	B	AC/DC
24 178	11.5 W	415 lm	DALI	A++	180 70	✓



3 x 90° light emission · 15° light emission

	LED	PSU	EEC	A	B	AC/DC
24 046	19.5 W	720 lm	DALI	A++	180 70	✓



4 x 90° light emission

	LED	PSU	EEC	A	B	AC/DC
24 045	23.0 W	820 lm	DALI	A++	180 70	✓



· A · · B · · C ·



4 x 15° light emission

	LED	PSU	EEC	A	B	C	AC/DC
24 126	9.4 W	350 lm	DALI	A++	180 180 70		✓



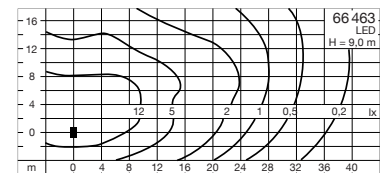
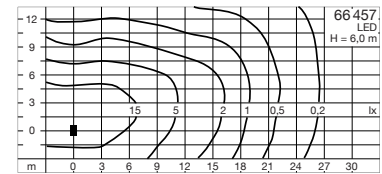
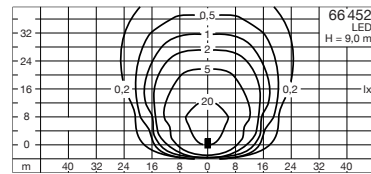
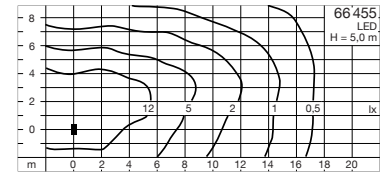
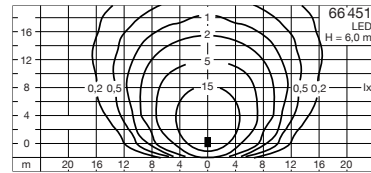
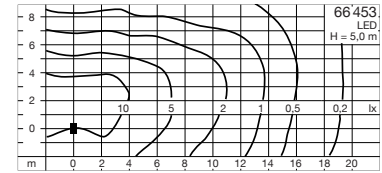
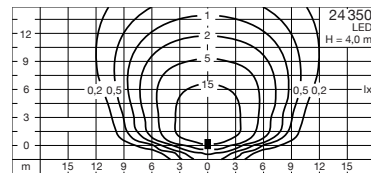
3 x 90° light emission · 15° light emission

	LED	PSU	EEC	A	B	C	AC/DC
24 086	19.5 W	715 lm	DALI	A++	180 180 70		✓



4 x 90° light emission

	LED	PSU	EEC	A	B	C	AC/DC
24 085	23.0 W	815 lm	DALI	A++	180 180 70		✓



LED wall luminaires

Asymmetrical or asymmetrical flat beam light distribution

These LED wall luminaires are part of a group of luminaires that also contains pole-top and side-mounted pole-top luminaires. A comprehensive performance range that is able to perform all lighting applications in street, square and city illumination.

We use only system components made of reliable materials for our highly efficient lighting technology. Miro® reflectors in reflection-intensive ultra-pure aluminium, anti-glare single-pane safety glass and BEGA LED modules, combined with excellent heat management, create the basis for age-resistant lighting technology. Luminaires with this construction are easy to integrate into BEGA light control systems.

The asymmetrical light distribution is particularly suitable for providing spatial illumination of squares, while the asymmetrical flat beam light distribution is ideal for illuminating streets in accordance with DIN EN 13201.

Pole-top luminaires which match the shape and design of the luminaires in this series can be found on Pages 450 to 457.

Protection class IP 66 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium · DALI controllable

20 years' availability guarantee for LED modules

Attack angle adjustable from to 0° or 15° · Can be opened without tools

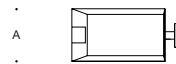
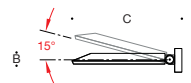
On request, we can also supply these luminaires with power reduction.

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

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



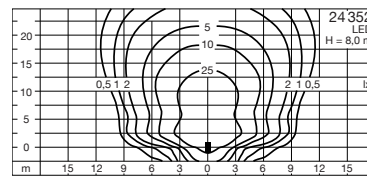
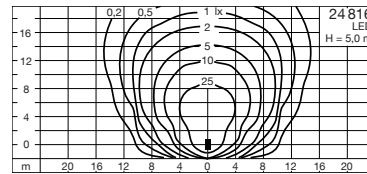
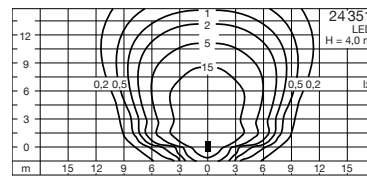
Asymmetrical light distribution

	LED	PSU	EEC	A	B	C	D	AC/DC	
24 350	14.8 W	1920 lm	DALI	A++	255	60	410	130	✓
66 451	35.0 W	4850 lm	DALI	A++	255	60	410	130	✓
66 452	70.0 W	9370 lm	DALI	A++	340	75	610	170	✓



Asymmetrical flat beam light distribution

	LED	PSU	EEC	A	B	C	D	AC/DC	
66 453	14.0 W	1780 lm	DALI	A++	255	60	410	130	✓
66 455	18.0 W	2305 lm	DALI	A++	255	60	410	130	✓
66 457	35.0 W	4665 lm	DALI	A++	255	60	410	130	✓
66 463	70.0 W	9340 lm	DALI	A++	340	75	610	170	✓



LED wall luminaire · Surface washer Asymmetrical light distribution

Surface washers with asymmetrical light distribution in various sizes for the cost-effective illumination of ceiling, wall and ground surfaces.

The asymmetrical light distribution is particularly suitable for the spatial illumination of surfaces. The adjustability of the beam direction allows the luminaires to be adjusted to the requirements of the lighting situation.

These are durable construction details that prove convincing thanks to careful and responsible design as well as maximum lighting and structural quality.

On Page 448, you can find pole-top luminaires whose shape and design match the luminaires in this series.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium · DALI controllable

20 years' availability guarantee for LED modules

Attack angle adjustable from -30° to +90° in steps of 10°

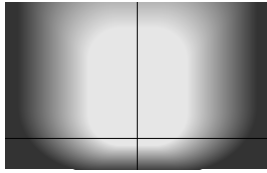
The luminaires can be installed with light emission either upwards or downwards.

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

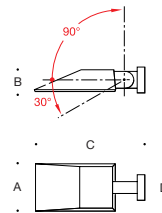
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical

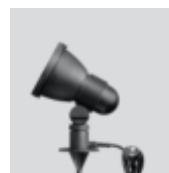


Asymmetrical light distribution

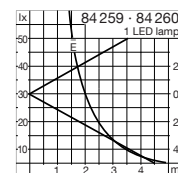
	LED	PSU	EEC	A	B	C	D	AC/DC	
24 351	24.5 W	3200 lm	DALI	A++	225	105	485	130	✓
24 816	61.0 W	6675 lm	DALI	A++	225	105	485	130	✓
24 352	108.0 W	12 000 lm	DALI	A++	315	120	570	130	✓



Mounting box



Earth spike



Floodlights with mounting box or with earth spike

Includes LED lamp for E 27 base
Symmetrical wide beam light distribution

Floodlights with LED lamps for permanent or portable installation. These floodlights are ideal for use with LED lamps with screw base E 27.

We supply these luminaires together with a BEGA LED lamp. The long service life and high luminous efficiency of BEGA LED lamps guarantee maintenance-friendly and economical operation of these floodlights.

The tool-free operation of the floodlights and their wide range of possible uses make them useful devices for lighting around the house and in the garden.

These floodlights are suitable for operation with LED lamps with screw base E 27 only. They must not be operated with incandescent lamps or halogen lamps!

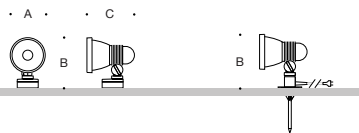
Protection class IP 65 · Safety class II
Glass fibre reinforced synthetic material · Safety glass
Reflector made of pure anodised aluminium

The burning position can be adjusted and the lamps replaced without tools.
Floodlight with earth spike ready for connection with 5 m cable and mains plug
Protection class IP X4

Other technical data can be found on our website in the product data sheet issued for the luminaire.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

■ Luminaire colour graphite



Floodlight including LED lamp and **mounting box**

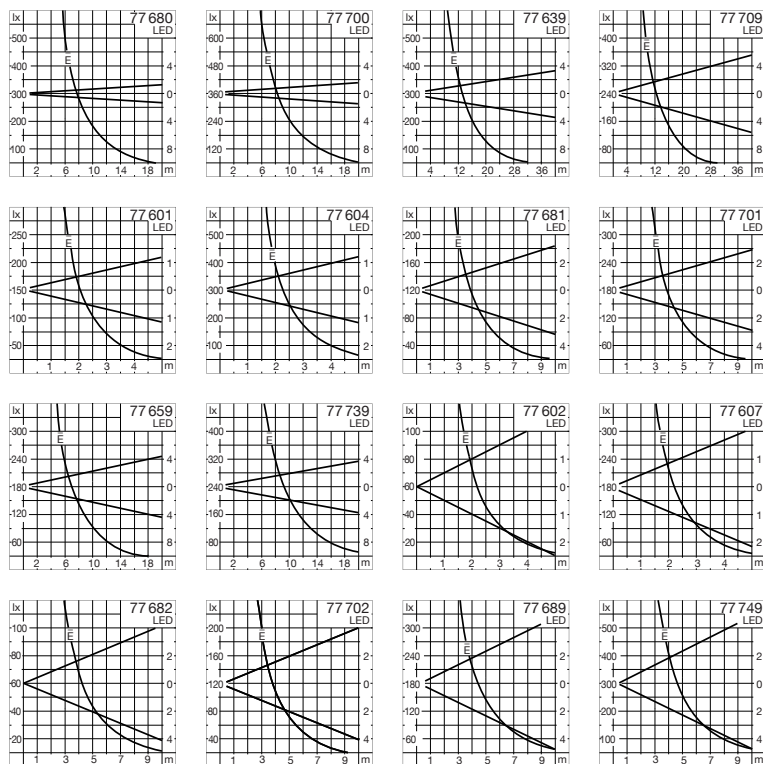
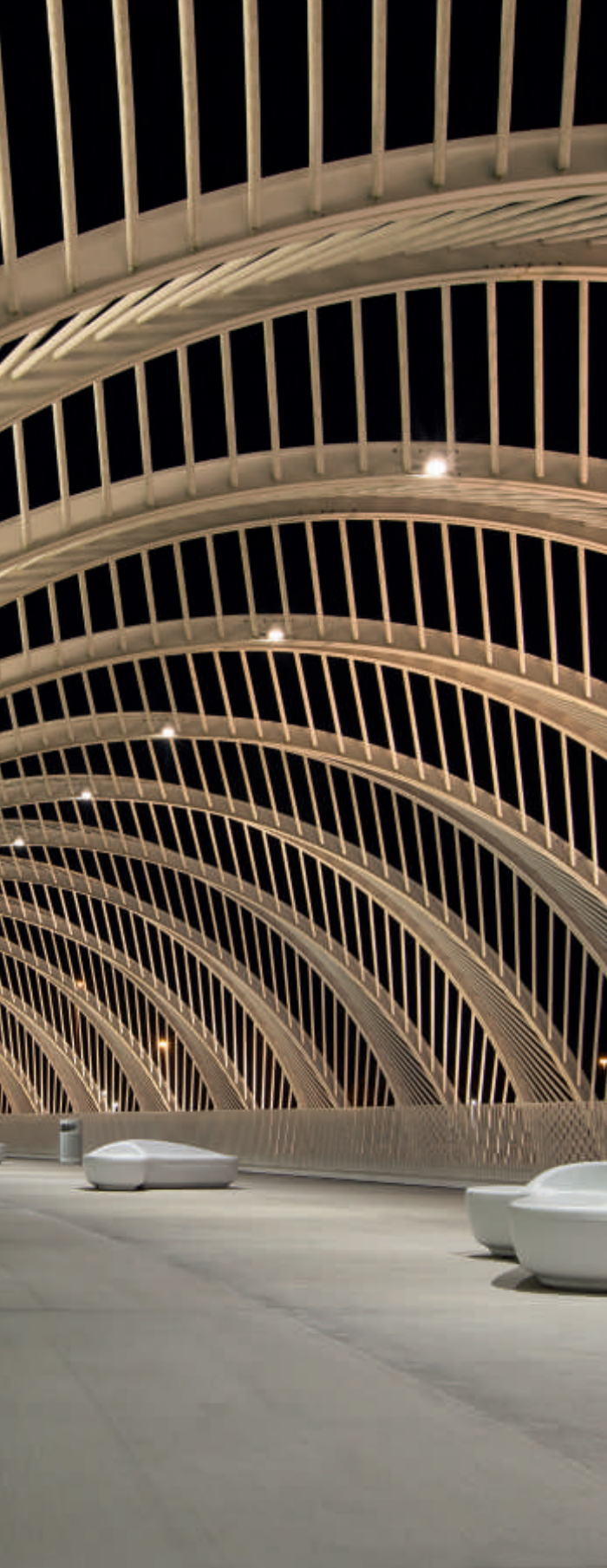
	Lamp	Base	EEC	β	A	B	C
84 259	1 LED lamp	8.0 W	E 27	A ⁺⁺ -B	90°	150	215 205

Floodlight including LED lamp and **earth spike**

	Lamp	Base	EEC	β	A	B	C
84 260	1 LED lamp	8.0 W	E 27	A ⁺⁺ -B	90°	150	230 205

β = Half beam angle





LED compact floodlights with mounting box

Symmetrical very narrow beam, narrow beam or wide beam light distribution
Floodlights for additive colour mixing RGBW

On Pages 210 to 215 you will find the BEGA compact floodlights in their various designs. This economical, compact and efficient series boasts four housing sizes and a luminous flux of more than 7800 lumens. These are durable construction details that prove convincing thanks to careful and responsible design as well as maximum lighting and structural quality. The RGBW luminaires can be controlled by DALI colour light control (DT8, RGBWAF). We recommend our BEGA Control system for this purpose. For the technical data of DALI system components, see Pages 538 to 542.

Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Safety glass
Reflector made of pure anodised aluminium
Luminaires optionally without PSU, with On/Off PSU or DALI controllable PSU
20 years' availability guarantee for LED modules

A separate 24V DC PSU is required to operate luminaires 77 604 and 77 607.
For technical data, see Page 537.

We can supply the following accessories:

- Exchangeable lenses
- Shields
- Louvres

Accessories may be combined or used individually. They must be ordered separately.

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

LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**
Also available in 2200K as custom-made products.

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

Accessories:



Cylinder shield



Shield



Louvre



Exchangeable lens flat beam

Page 212



G 1/2 threaded connection

Page 214

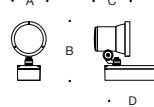
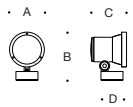


Outrigger arm and mounting box

Page 214



Earth spike



84 369
84 370
84 371
84 362



LED compact floodlights with mounting box · Very narrow beam

	LED	PSU	SC	EEC	β	A	B	C	D	AC/DC	
77 680	11.0 W	765 lm	DALI	I	A++	7°	140	205	140	100	✓
77 700	15.0 W	1110 lm	DALI	I	A++	9°	160	225	165	100	✓
77 639	52.5 W	3275 lm	DALI	I	A++	10°	230	305	225	130	✓
77 709	77.2 W	5660 lm	DALI	I	A++	17°	230	305	225	130	✓

Accessories



70 075 70 756 70 712
70 076 70 757 70 720
70 077 70 758 70 721
70 077 70 758 70 721

LED compact floodlights with mounting box · Narrow beam

	LED	PSU	SC	EEC	β	A	B	C	D	AC/DC	
77 601	4.3 W	360 lm	On/Off	I	A++	30°	105	150	110	90	✓
77 604	9.3 W	930 lm	W/o* · 24 V DC	III	A++	28°	105	150	110	90	—
77 681	15.5 W	1260 lm	DALI	I	A++	33°	140	205	140	100	✓
77 701	24.0 W	2000 lm	DALI	I	A++	29°	160	225	165	100	✓
77 659	52.5 W	4540 lm	DALI	I	A++	25°	230	305	225	130	✓
77 739	77.2 W	7855 lm	DALI	I	A++	21°	230	305	225	130	✓

Accessories



70 050 70 755 —
70 050 70 755 —
70 055 70 756 70 760
70 060 70 757 70 796
70 065 70 758 70 775
70 065 70 758 70 775

LED compact floodlights with mounting box · Wide beam

	LED	PSU	SC	EEC	β	A	B	C	D	AC/DC	
77 602	4.3 W	350 lm	On/Off	I	A++	51°	105	150	110	90	✓
77 607	9.3 W	920 lm	W/o* · 24 V DC	III	A++	47°	105	150	110	90	—
77 682	15.5 W	1260 lm	DALI	I	A++	46°	140	205	140	100	✓
77 702	24.0 W	1930 lm	DALI	I	A++	43°	160	225	165	100	✓
77 689	52.5 W	4615 lm	DALI	I	A++	51°	230	305	225	130	✓
77 749	77.2 W	7875 lm	DALI	I	A++	50°	230	305	225	130	✓

Accessories



70 050 70 755
70 050 70 755
70 055 70 756
70 060 70 757
70 065 70 758
70 065 70 758

LED compact floodlights with mounting box · RGBW · Wide beam

	LED	PSU	SC	β	A	B	C	D	
84 369	14.5 W	720 lm	DALI DT8	I	60°	105	195	110	190 × 90
84 370	20.0 W	1105 lm	DALI DT8	I	43°	140	245	140	190 × 90
84 371	28.5 W	1470 lm	DALI DT8	I	39°	160	275	165	240 × 105
84 362	58.0 W	2920 lm	DALI DT8	I	48°	230	350	225	240 × 105

Accessories



70 050 70 755
70 055 70 756
70 060 70 757
70 065 70 758

* You can find suitable PSUs on Page 537.

SC = Safety class

β = Half beam angle



Exchangeable lens flat beam



Shield

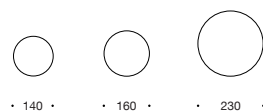
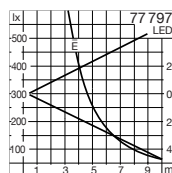
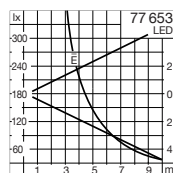
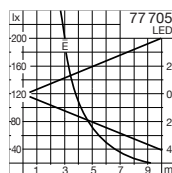
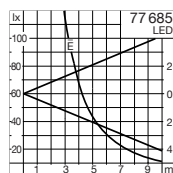
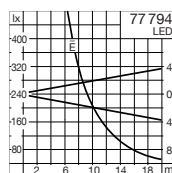
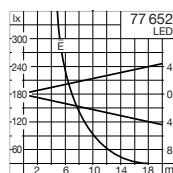
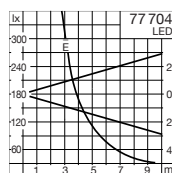
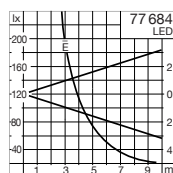
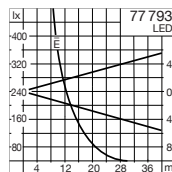
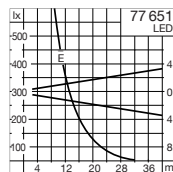
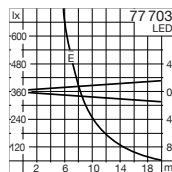
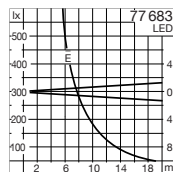


Cylinder shield



Louvre





LED compact floodlights with G ½ threaded connection

Symmetrical very narrow beam, narrow beam or wide beam light distribution

On Pages 210 to 215 you will find the BEGA compact floodlights in their various designs. This economical, compact and efficient series boasts three housing sizes and a luminous flux of more than 7800 lumens. These are durable construction details that prove convincing thanks to careful and responsible design as well as maximum lighting and structural quality.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Reflector made of pure anodised aluminium
 DALI controllable
 20 years' availability guarantee for LED modules

We can supply the following accessories:

• Exchangeable lenses • Shields • Louvres

Accessories may be combined or used individually. They must be ordered separately.

Floodlights with G ½ threaded connection · ISO 228 can be bolted to matching threaded holes provided by the customer or to the accessories shown on Pages 544 to 545.

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

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

Also available in 2200K as a custom-made product

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

Accessories:



Cylinder shield



Shield



Louvre



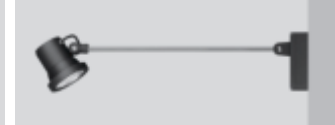
Exchangeable lens flat beam

Page 210



Mounting box

Page 214

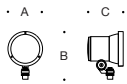


Outrigger arm and mounting box

Page 214



Earth spike



LED compact floodlights with G 1/2 threaded connection · Very narrow beam

	LED	PSU	EEC	β	A	B	C	AC/DC	
77683	11.0 W	765 lm	DALI	A++	7°	140	200	140	✓
77703	15.0 W	1110 lm	DALI	A++	9°	160	215	165	✓
77651	52.5 W	3275 lm	DALI	A++	10°	230	295	230	✓
77793	77.2 W	5660 lm	DALI	A++	17°	230	295	230	✓

Accessories

70075	70756	70712	
70076	70757	70720	
70077	70758	—	
70077	70758	—	

LED compact floodlights with G 1/2 threaded connection · Narrow beam

	LED	PSU	EEC	β	A	B	C	AC/DC	
77684	15.5 W	1260 lm	DALI	A++	33°	140	200	140	✓
77704	24.0 W	2000 lm	DALI	A++	29°	160	215	165	✓
77652	52.5 W	4540 lm	DALI	A++	25°	230	295	230	✓
77794	77.2 W	7855 lm	DALI	A++	21°	230	295	230	✓

Accessories

70055	70756	70760	
70060	70757	70796	
70065	70758	70775	
70065	70758	70775	

LED compact floodlights with G 1/2 threaded connection · Wide beam

	LED	PSU	EEC	β	A	B	C	AC/DC	
77685	15.5 W	1260 lm	DALI	A++	46°	140	200	140	✓
77705	24.0 W	1930 lm	DALI	A++	43°	160	215	165	✓
77653	52.5 W	4615 lm	DALI	A++	51°	230	295	230	✓
77797	77.2 W	7875 lm	DALI	A++	50°	230	295	230	✓

Accessories

70055	70756	
70060	70757	
70065	70758	
70065	70758	



β = Half beam angle



Exchangeable lens flat beam



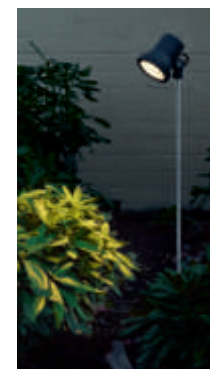
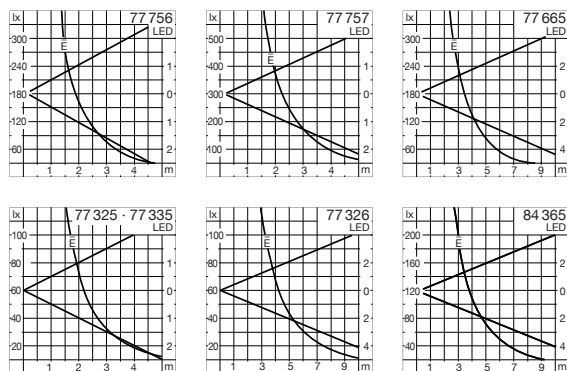
Shield



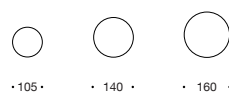
Cylinder shield



Louvre



77 335



LED compact floodlights with outrigger arm and mounting box or with earth spike
Symmetrical wide beam light distribution

On Pages 210 to 215 you will find the BEGA compact floodlights in their various designs. This economical, compact and efficient series boasts three housing sizes and a luminous flux of more than 2100 lumens. These are durable construction details that prove convincing thanks to careful and responsible design as well as maximum lighting and structural quality.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

Luminaires with On/Off PSU or DALI controllable PSU

20 years' availability guarantee for LED modules

Earth spike made of glass fibre reinforced synthetic material · 77 335 Vertical tube made of aluminium

Floodlight with earth spike ready for connection with 5m cable and mains plug Protection class IP X4

We can supply the following accessories:

- Exchangeable lenses
- Shields

Accessories may be combined or used individually. They must be ordered separately.

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

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

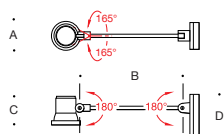
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

Floodlight with earth spike



■ Luminaire colour graphite

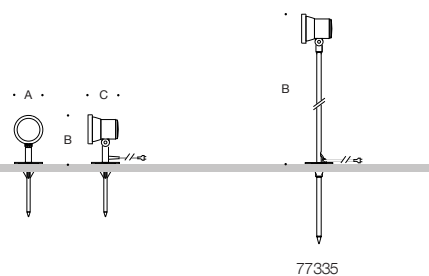



 Permanent floodlights with **outrigger arm and mounting box** · Wide beam

	LED	PSU	EEC	β	A	B	C	D	AC/DC	
77 756	10.3 W	760 lm	DALI	A++	56°	105	700	110	90 × 190	✓
77 757	16.3 W	1655 lm	DALI	A++	49°	140	700	140	90 × 190	✓
77 665	20.2 W	2125 lm	DALI	A++	47°	160	700	165	90 × 190	✓

Accessories



	
70 050	70 755
70 055	70 756
70 060	70 757



 Portable floodlights with **earth spike** · Wide beam

	LED	PSU	EEC	β	A	B	C
77 325	4.3 W	350 lm	On/Off	A++	51°	105	175 110
77 326	15.5 W	1260 lm	On/Off	A++	46°	140	215 140
84 365	21.6 W	1775 lm	On/Off	A++	43°	160	230 165
77 335	4.3 W	350 lm	On/Off	A++	51°	105	810 110

Accessories

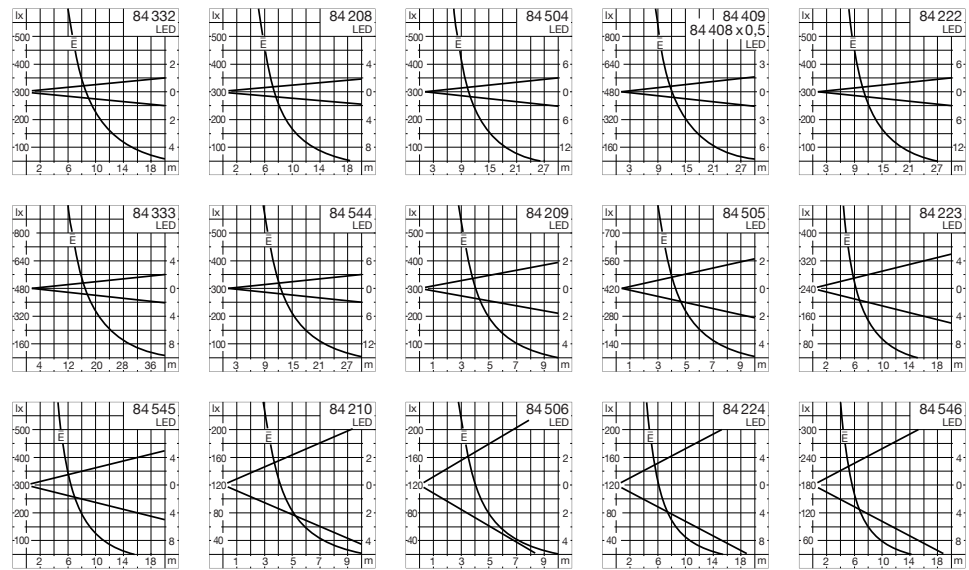
	
70 050	70 755
70 055	70 756
70 060	70 757
70 050	70 755

β = Half beam angle

 Exchangeable lens flat beam

 Shield





LED performance floodlights with mounting box

Symmetrical very narrow beam, narrow beam or wide beam light distribution

On Pages 216 to 219, you can find various designs of BEGA LED performance floodlights. These floodlights are available in four sizes and feature a very compact design and a luminaire luminous flux of over 8100 lumen. A long service life of the LED and PSU characterises these floodlights just as much as their brilliant optical system. These are durable construction details that prove convincing thanks to careful and responsible design as well as maximum lighting and structural quality.

For light deflection and efficiency optimisation we use only materials that are virtually unaffected by ageing, e.g. glass, silicone or aluminium.

BEGA does not use plastic lenses in view of their questionable ageing properties and thermal stability.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector surface made of pure aluminium · Optical silicone lens · BEGA Hybrid Optics®

Luminaires with On/Off PSU or DALI controllable PSU

20 years' availability guarantee for LED modules

We can supply the following accessories:

- Diffuser lenses
- Shields
- Louvres

Accessories must be ordered separately.

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

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®.

Luminaire colour graphite or silver

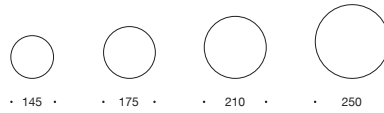
■ Graphite – article number · ■ Silver – article number + **A**



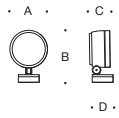
With louvre



With shield



G 1/2 threaded connection



LED performance floodlights with mounting box · Very narrow beam										
	LED		PSU	EEC	β	A	B	C	D	AC/DC
84 332	9.0 W	395 lm	On/Off	A ⁺⁺	6°	145	225	120	100	✓
84 208	20.7 W	1120 lm	DALI	A ⁺⁺	10°	145	225	100	100	✓
84 408	16.4 W	615 lm	DALI	A ⁺⁺	6°	175	255	125	100	✓
84 504	42.5 W	2305 lm	DALI	A ⁺⁺	10°	175	255	100	100	✓
84 409	29.8 W	1230 lm	DALI	A ⁺⁺	6°	210	310	130	130	✓
84 222	68.0 W	4150 lm	DALI	A ⁺⁺	12°	210	310	130	130	✓
84 333	60.0 W	2565 lm	DALI	A ⁺⁺	6°	250	350	140	130	✓
84 544	79.0 W	4825 lm	DALI	A ⁺⁺	11°	250	350	140	130	✓

Accessories		
Flat beam diffuser lens	Shield	Louvre
—	—	Integrated
71 120	71 118	Integrated
—	—	Integrated
71 113	71 111	Integrated
—	—	Integrated
71 123	71 121	Integrated
—	—	Integrated
71 074	71 072	Integrated

LED performance floodlights with mounting box · Narrow beam										
	LED		PSU	EEC	β	A	B	C	D	AC/DC
84 209	19.0 W	1900 lm	DALI	A ⁺⁺	20°	145	225	100	100	✓
84 505	42.0 W	3850 lm	DALI	A ⁺⁺	21°	175	255	100	100	✓
84 223	66.0 W	7000 lm	DALI	A ⁺⁺	26°	210	310	130	130	✓
84 545	77.2 W	8165 lm	DALI	A ⁺⁺	28°	250	350	140	130	✓

Accessories		
Flat beam diffuser lens	Shield	Louvre
71 120	71 118	71 119
71 113	71 111	71 112
71 123	71 121	71 122
71 074	71 072	71 073

LED performance floodlights with mounting box · Wide beam										
	LED		PSU	EEC	β	A	B	C	D	AC/DC
84 210	19.0 W	1900 lm	DALI	A ⁺⁺	48°	145	225	100	100	✓
84 506	42.0 W	3915 lm	DALI	A ⁺⁺	58°	175	255	100	100	✓
84 224	66.0 W	7030 lm	DALI	A ⁺⁺	55°	210	310	130	130	✓
84 546	77.2 W	8155 lm	DALI	A ⁺⁺	55°	250	350	140	130	✓

Accessories		
Flat beam diffuser lens	Shield	Louvre
71 120	71 118	—
71 113	71 111	—
71 123	71 121	—
71 074	71 072	—

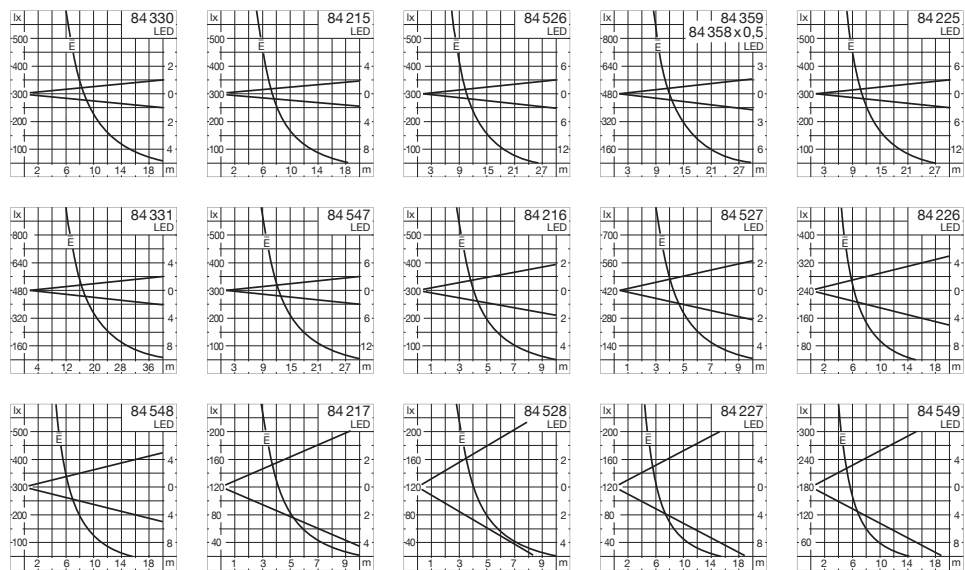
 β = Half beam angle

Flat beam diffuser lens

Shield

Louvre





LED performance floodlights with G ½ threaded connection

Symmetrical very narrow beam, narrow beam or wide beam light distribution

On Pages 216 to 219, you can find various designs of BEGA LED performance floodlights. These floodlights are available in four sizes and feature a very compact design and a luminaire luminous flux of over 8,100 lumen. For different application situations we have developed high-efficiency reflectors with very narrow beam, narrow beam or wide beam light distribution. A long service life of the LED and power supply unit characterises these floodlights just as much as their brilliant optical system.

For light deflection and efficiency optimisation we use only materials that are virtually unaffected by ageing, e.g. glass, silicone or aluminium. BEGA does not use polymer lenses in view of their questionable ageing properties and thermal stability.

An extensive range of perfect accessories is available for installing BEGA high-performance floodlights with G ½ threaded connections · ISO 228. You can find an overview of all accessories on Pages 544 to 545.

Accessories suitable for each floodlight type can be found on our website under the article number in question.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector surface made of pure aluminium · Optical silicone lens · BEGA Hybrid Optics®

Luminaires with On/Off power supply unit or DALI controllable power supply unit 20 years' availability guarantee for LED modules

We can supply the following accessories:

- Diffuser lenses
- Shields
- Louvres

Accessories must be ordered separately.

Floodlights with G ½ threaded connection · ISO 228 can be bolted to matching threaded holes provided by the customer or to the accessories shown on Pages 544 to 545.

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

The power information might 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®.

Luminaire colour graphite or silver

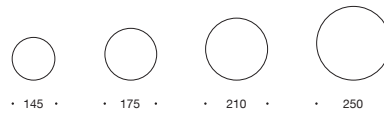
■ Graphite – article number · ■ Silver – article number + **A**



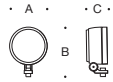
With louvre



With shield



Mounting box



G ½ threaded connection · Very narrow beam										Accessories		
	LED		PSU	EEC	β	A	B	C	AC/DC			
84 330	9.0 W	395 lm	On/Off	A++	6°	145	225	120	✓	—	—	Integrated
84 215	20.7 W	1120 lm	DALI	A++	10°	145	225	100	✓	71 120	71 118	Integrated
84 358	16.4 W	615 lm	DALI	A++	6°	175	255	125	✓	—	—	Integrated
84 526	42.5 W	2305 lm	DALI	A++	10°	175	255	100	✓	71 113	71 111	Integrated
84 359	29.8 W	1230 lm	DALI	A++	6°	210	310	130	✓	—	—	Integrated
84 225	68.0 W	4150 lm	DALI	A++	12°	210	310	130	✓	71 123	71 121	Integrated
84 331	60.0 W	2565 lm	DALI	A++	6°	250	350	140	✓	—	—	Integrated
84 547	79.0 W	4825 lm	DALI	A++	11°	250	350	140	✓	71 074	71 072	Integrated

G ½ threaded connection · Narrow beam										Accessories		
	LED		PSU	EEC	β	A	B	C	AC/DC			
84 216	19.0 W	1900 lm	DALI	A++	20°	145	225	100	✓	71 120	71 118	71 119
84 527	42.0 W	3850 lm	DALI	A++	21°	175	255	100	✓	71 113	71 111	71 112
84 226	66.0 W	7000 lm	DALI	A++	26°	210	310	130	✓	71 123	71 121	71 122
84 548	77.2 W	8165 lm	DALI	A++	28°	250	350	140	✓	71 074	71 072	71 073

G ½ threaded connection · Wide beam										Accessories		
	LED		PSU	EEC	β	A	B	C	AC/DC			
84 217	19.0 W	1900 lm	DALI	A++	48°	145	225	100	✓	71 120	71 118	—
84 528	42.0 W	3915 lm	DALI	A++	58°	175	255	100	✓	71 113	71 111	—
84 227	66.0 W	7030 lm	DALI	A++	55°	210	310	130	✓	71 123	71 121	—
84 549	77.2 W	8155 lm	DALI	A++	55°	250	350	140	✓	71 074	71 072	—

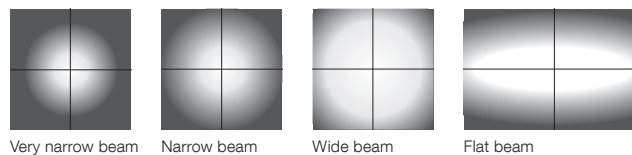
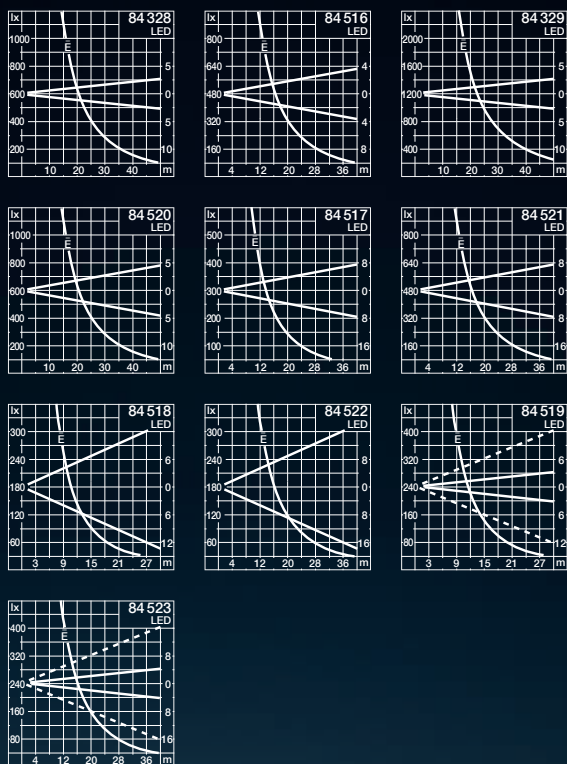
β = Half beam angle

Flat beam diffuser lens

Shield

Louvre





Very narrow beam Narrow beam Wide beam Flat beam

LED high-performance floodlights

Symmetrical very narrow beam, narrow beam, wide beam or flat beam light distribution

On Pages 220 to 223, you can find our LED high-performance floodlights in different designs. With more than 41,000 lumen, they set new standards in terms of cost-effectiveness and efficiency.

This series continues our history of successful high-performance floodlights with all of the quality features. These floodlights are characterised by the extremely long service lives of their LED and power supply units and of their precise optical systems.

Glass, silicone and aluminium are used for light deflection and optimised efficiency.

These materials are practically wear-free and are virtually unaffected by ageing.

BEGA does not use polymer lenses in view of their questionable ageing properties and thermal stability.

Highly efficient reflectors create either very narrow beam, narrow beam, wide beam or flat beam light distribution for a wide variety of application situations.

To restrict the amount of glare, it is possible to insert additional internal ring louvres or to add a shield to the floodlight.

An extensive range of perfect accessories is available for installing BEGA LED high-performance floodlights. For the technical data of accessories, see Pages 546 to 547.

Floodlights for ambient temperatures of $t_a = 25^\circ\text{C}$

You can find floodlights from this series for ambient temperatures of $t_a = 45^\circ\text{C}$ on Page 222.

Protection class IP 67 · BEGA Thermal Management[®]

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector surface made of pure aluminium · Optical silicone lens

Luminaires with very narrow beam and flat beam light distribution: BEGA Hybrid Optics[®]

BEGA Ultimate Driver[®] · DALI controllable

20 years' availability guarantee for LED modules

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

Mounting bracket with 1 central hole $\varnothing 22\text{mm}$ and 2 holes $\varnothing 9\text{mm}$ · Distance apart 80mm

The RGBW luminaires can be controlled by DALI colour light control (DT8, RGBWAF, xy).

We recommend our BEGA Control system for this purpose. For the technical data of DALI system components, see Pages 538 to 542.

The following accessories are available for these luminaires:

- Shields
- Louvres

Shields and louvres are accessories and must be ordered separately.

LED colour temperature:

2200 K – article number + **K2**

3000 K – article number + **K3**

4000 K – article number + **K4**

The power information might 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[®].

■ Luminaire colour graphite

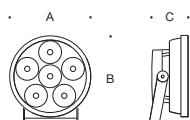
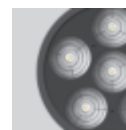
Accessories:



Shield



Louvre



LED high-performance floodlights · **Very narrow beam**

	LED	PSU	EEC	β	A	B	C
84 328	106 W	4615 lm	DALI	A++	6°	380	410 175
84 516	134 W	8435 lm	DALI	A++	11°	380	410 175
84 329	278 W	11 180 lm	DALI	A++	6°	500	530 220
84 520	323 W	18 130 lm	DALI	A++	10°	500	530 220

Accessories

	Shield	Louvre
	—	Integrated
71 110	Integrated	—
	—	Integrated
71 101	Integrated	—

LED high-performance floodlights · **Narrow beam**

	LED	PSU	EEC	β	A	B	C
84 517	134 W	15 005 lm	DALI	A++	17°	380	410 175
84 521	326 W	40 860 lm	DALI	A++	21°	500	530 220

Accessories

	Shield	Louvre
	—	Integrated
71 110	Integrated	—
71 101	Integrated	—

LED high-performance floodlights · **Wide beam**

	LED	PSU	EEC	β	A	B	C
84 518	134 W	15 555 lm	DALI	A++	45°	380	410 175
84 522	326 W	41 750 lm	DALI	A++	48°	500	530 220

Accessories

	Shield	Louvre
	—	Integrated
71 110	—	—
71 101	—	—

LED high-performance floodlights · **Flat beam**

	LED	PSU	EEC	β	A	B	C
84 519	134 W	8425 lm	DALI	A++	12/55°	380	410 175
84 523	323 W	17 150 lm	DALI	A++	11/52°	500	530 220

Accessories

	Shield	Louvre
	—	Integrated
71 110	Integrated	—
71 101	Integrated	—

LED high-performance floodlights · **Narrow beam RGB W**

	LED	PSU	EEC	β	A	B	C
84 524	132 W	8340 lm	DALI DT 8	17°	380	410 175	
84 525	260 W	16 385 lm	DALI DT 8	19°	500	530 220	

Accessories

	Shield	Louvre
	—	Integrated
71 110	Integrated	—
71 101	Integrated	—

LED high-performance floodlights · **Wide beam RGB W**

	LED	PSU	EEC	β	A	B	C
84 529	132 W	8335 lm	DALI DT 8	47°	380	410 175	
84 530	260 W	16 050 lm	DALI DT 8	47°	500	530 220	

Accessories

	Shield	Louvre
	—	Integrated
71 110	—	—
71 101	—	—



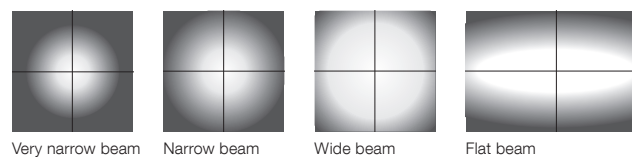
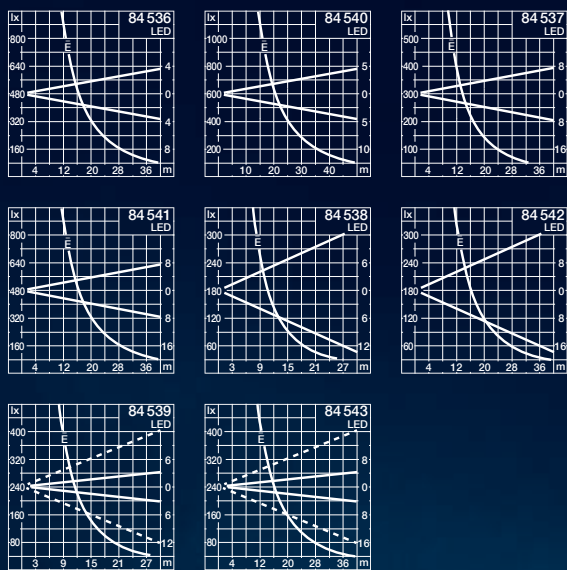
β = Half beam angle



Shield



Louvre



LED-high-performance floodlights for high ambient temperatures of $t_a = 40/45^\circ\text{C}$
 Symmetrical very narrow beam, narrow beam, wide beam or flat beam light distribution

On Pages 220 to 223, you can find our LED high-performance floodlights in different designs. With more than 41,000 lumen, they set new standards in terms of cost-effectiveness and efficiency.

This series continues our history of successful high-performance floodlights with all of the quality features. These floodlights are characterised by the extremely long service lives of their LED and power supply units and of their precise optical systems.

Glass, silicone and aluminium are used for light deflection and optimised efficiency.

These materials are practically wear-free and are virtually unaffected by ageing.

BEGA does not use polymer lenses in view of their questionable ageing properties and thermal stability.

Highly efficient reflectors create either very narrow beam, narrow beam, wide beam or flat beam light distribution for a wide variety of application situations.

To restrict the amount of glare, it is possible to insert additional internal ring louvres or to add a shield to the floodlight.

An extensive range of perfect accessories is available for installing BEGA LED high-performance floodlights. For the technical data of accessories, see Pages 546 to 547.

Floodlights for ambient temperatures of $t_a = 40/45^\circ\text{C}$

You can find floodlights from this series for ambient temperatures of $t_a = 25^\circ\text{C}$ on Page 220.

Protection class IP 67 · BEGA Thermal Management[®]

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector surface made of pure aluminium · Optical silicone lens

Luminaires with very narrow beam and flat beam light distribution: BEGA Hybrid Optics[®]

BEGA Ultimate Driver[®] · DALI controllable

20 years' availability guarantee for LED modules

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

Mounting bracket with 1 central hole $\varnothing 22\text{mm}$ and 2 holes $\varnothing 9\text{mm}$ · Distance apart 80mm

The RGBW luminaires can be controlled by DALI colour light control (DT8, RGBWAF, xy).

We recommend our BEGA Control system for this purpose. For the technical data of DALI system components, see Pages 538 to 542.

The following accessories are available for these luminaires:

- Shields
- Louvres

Shields and louvres are accessories and must be ordered separately.

LED colour temperature:

2200 K – article number + **K2**

3000 K – article number + **K3**

4000 K – article number + **K4**

The power information might 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[®].

■ Luminaire colour graphite

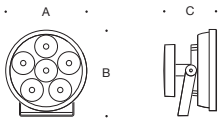
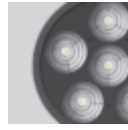
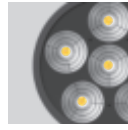
Accessories:



Shield



Louvre



LED high-performance floodlights · Very narrow beam										Accessories	
	LED		t _a	PSU	EEC	β	A	B	C		
84 536	134 W	8435 lm	45 °C	DALI	A++	11°	380	410	235	71 110	Integrated
84 540	323 W	18 130 lm	40 °C	DALI	A++	10°	500	530	310	71 101	Integrated

LED high-performance floodlights · Narrow beam										Accessories	
	LED		t _a	PSU	EEC	β	A	B	C		
84 537	134 W	15 005 lm	45 °C	DALI	A++	17°	380	410	235	71 110	71 109
84 541	326 W	40 860 lm	45 °C	DALI	A++	21°	500	530	310	71 101	71 105

LED high-performance floodlights · Wide beam										Accessories	
	LED		t _a	PSU	EEC	β	A	B	C		
84 538	134 W	15 555 lm	45 °C	DALI	A++	45°	380	410	235	71 110	—
84 542	326 W	41 750 lm	45 °C	DALI	A++	48°	500	530	310	71 101	—

LED high-performance floodlights · Flat beam										Accessories	
	LED		t _a	PSU	EEC	β	A	B	C		
84 539	134 W	8425 lm	45 °C	DALI	A++	12/55°	380	410	235	71 110	Integrated
84 543	323 W	17 150 lm	40 °C	DALI	A++	11/52°	500	530	310	71 101	Integrated

LED high-performance floodlights · Narrow beam RGB W										Accessories	
	LED		t _a	PSU		β	A	B	C		
84 550	132 W	8340 lm	45 °C	DALI DT 8		17°	380	410	235	71 110	71 109
84 551	260 W	16 385 lm	45 °C	DALI DT 8		19°	500	530	310	71 101	71 105

LED high-performance floodlights · Wide beam RGB W										Accessories	
	LED		t _a	PSU		β	A	B	C		
84 552	132 W	8335 lm	45 °C	DALI DT 8		47°	380	410	235	71 110	—
84 553	260 W	16 050 lm	45 °C	DALI DT 8		47°	500	530	310	71 101	—

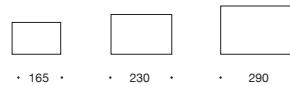
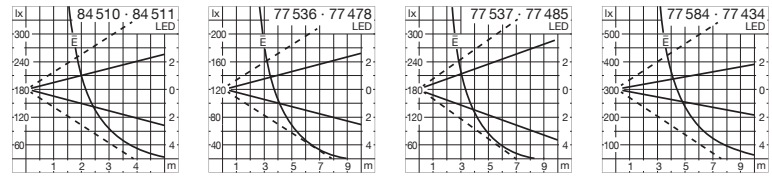
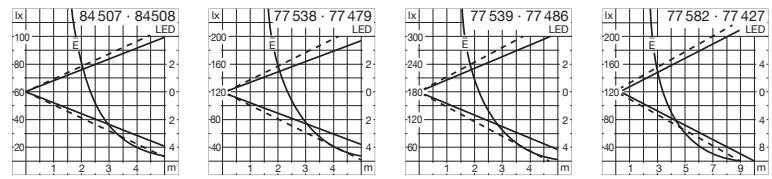


t_a = Ambient temperature

β = Half beam angle

Shield

Louvre



LED compact floodlights with mounting box or with G ½ threaded connection
Very wide beam or flat beam light distribution

On Pages 224 to 227, you can find the various designs of BEGA surface floodlights. Compact, efficient and versatile, this series completes our range of surface floodlights. The series features not only highly efficient BEGA LED modules, three housing sizes and reflectors for very wide beam or flat beam light distribution, but also a luminaire luminous flux of more than 7,000 lumen.

An extensive range of perfect accessories is available for installing BEGA compact floodlights with G ½ threaded connections - ISO 228. You can find an overview of all accessories on Pages 544 to 545. Accessories suitable for each floodlight type can be found on our website under the article number in question.

Protection class IP 65 - BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Safety glass
Reflector made of pure anodised aluminium
Luminaires with On/Off power supply unit or DALI controllable power supply unit
20 years' availability guarantee for LED modules

The RGBW luminaires can be controlled by a DALI colour light control system (DT8, RGBWAF, xy) or ZigBee (colour control). We recommend our BEGA Control system for this purpose. For the technical data of DALI system components, see Pages 538 to 542.

Shields are accessories and must be ordered separately.

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

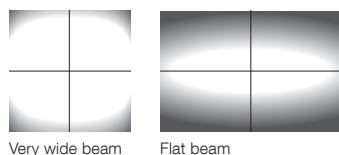
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite, white or silver

■ Graphite – article number
□ White – article number + **W**
■ Silver – article number + **A**

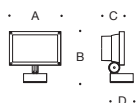
Floodlights with G ½ threaded connection optionally available in graphite or silver

■ Graphite – article number
■ Silver – article number + **A**



Very wide beam

Flat beam



Mounting box · Very wide beam											
	LED		PSU	EEC	β	A	B	C	D	AC/DC	
84 507	12.0 W	1125 lm	On/Off	A++	80/90°	165	185	90	100	✓	70 500
77 538	20.8 W	2300 lm	DALI	A++	76/89°	165	185	90	100	✓	70 500
77 539	30.7 W	3560 lm	DALI	A++	92/97°	230	225	100	100	✓	70 502
77 582	73.0 W	7025 lm	DALI	A++	85/93°	290	270	125	100	✓	70 525

Mounting box · Flat beam											
	LED		PSU	EEC	β	A	B	C	D	AC/DC	
84 510	12.0 W	1010 lm	On/Off	A++	28/87°	165	185	90	100	✓	70 500
77 536	20.8 W	2090 lm	DALI	A++	29/86°	165	185	90	100	✓	70 500
77 537	30.7 W	3460 lm	DALI	A++	40/96°	230	225	100	100	✓	70 502
77 584	73.0 W	6565 lm	DALI	A++	32/88°	290	270	125	100	✓	70 525

Mounting box · RGBW · Very wide beam											
	LED		PSU		β	A	B	C	D	AC/DC	
84 391	35.0 W	1760 lm	DALI DT 8		89/96°	230	225	100	100	—	70 502
84 392	66.0 W	3585 lm	DALI DT 8		81/83°	290	270	125	100	✓	70 525
84 533	24.0 W	1525 lm	ZigBee		89/96°	230	225	100	100	—	70 502
84 534	46.0 W	2825 lm	ZigBee		81/83°	290	270	125	100	✓	70 525



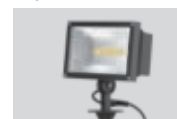
G ½ threaded connection · Very wide beam											
	LED		PSU	EEC	β	A	B	C		AC/DC	
84 508	12.0 W	1125 lm	On/Off	A++	80/90°	165	185	90		✓	70 500
77 479	20.8 W	2300 lm	DALI	A++	76/89°	165	185	90		✓	70 500
77 486	30.7 W	3560 lm	DALI	A++	92/97°	230	225	100		✓	70 502
77 427	73.0 W	7025 lm	DALI	A++	85/93°	290	270	125		✓	70 525

G ½ threaded connection · Flat beam											
	LED		PSU	EEC	β	A	B	C		AC/DC	
84 511	12.0 W	1010 lm	On/Off	A++	28/87°	165	185	90		✓	70 500
77 478	20.8 W	2090 lm	DALI	A++	29/86°	165	185	90		✓	70 500
77 485	30.7 W	3460 lm	DALI	A++	40/96°	230	225	100		✓	70 502
77 434	73.0 W	6565 lm	DALI	A++	32/88°	290	270	125		✓	70 525

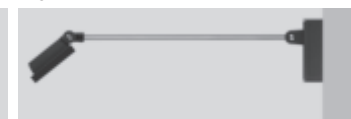
β = Half beam angle



Shield

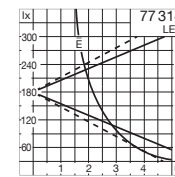
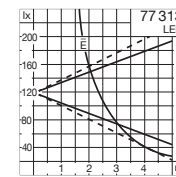
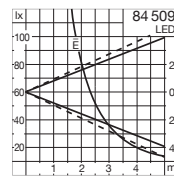
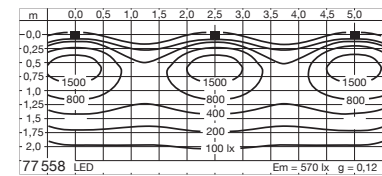
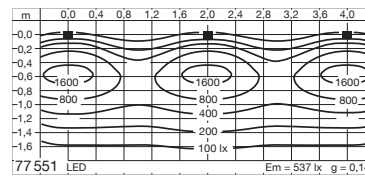
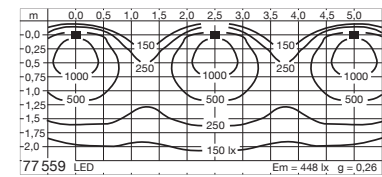
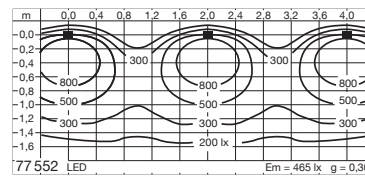


Earth spike



Outrigger arm and mounting box





LED compact floodlights with outrigger arm and mounting box or with earth spike
Very wide beam or flat beam light distribution

On Pages 224 to 227, you can find the various designs of BEGA surface floodlights. Compact, efficient and versatile, this series completes our range of surface floodlights. The series features not only highly efficient BEGA LED modules, three housing sizes and reflectors for very wide beam or flat beam light distribution, but also a luminaire luminous flux of more than 3,500 lumen.

Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Safety glass
Reflector made of pure anodised aluminium
Luminaires with On/Off power supply unit or DALI controllable power supply unit
20 years' availability guarantee for LED modules

Floodlights with earth spike made of glass fibre reinforced synthetic material, colour graphite, ready for connection with 5 m cable and mains plug · Protection class IP X4

The RGBW luminaire with earth spike can be controlled via ZigBee. We recommend our BEGA Control system for this purpose.

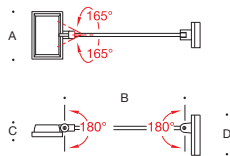
Shields are accessories and must be ordered separately.

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

The power information might 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®.

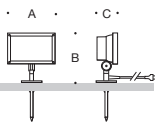
Luminaire colour graphite, white or silver
 Graphite – article number
 White – article number + **W**
 Silver – article number + **A**

Floodlights with earth spike
 Luminaire colour graphite



LED compact floodlights with outrigger arm and mounting box · Very wide beam											
	LED	PSU	EEC	β	A	B	C	D	AC/DC		
77 552	21.0 W	2300 lm	DALI	A++	76/89°	165×110	700	50	90×190	✓	70 500
77 559	30.7 W	3560 lm	DALI	A++	92/97°	230×150	700	60	105×240	✓	70 502

LED compact floodlights with outrigger arm and mounting box · Flat beam											
	LED	PSU	EEC	β	A	B	C	D	AC/DC		
77 551	21.0 W	2090 lm	DALI	A++	29/86°	165×110	700	50	90×190	✓	70 500
77 558	30.7 W	3460 lm	DALI	A++	40/96°	230×150	700	60	105×240	✓	70 502



LED compact floodlights with earth spike · Very wide beam											
	LED	PSU	EEC	β	A	B	C				
84 509	12.0 W	1125 lm	On/Off	A++	80/90°	165×110	195	90		Shield	70 500
77 313	20.8 W	2300 lm	On/Off	A++	76/89°	165×110	195	90			70 500
77 314	30.7 W	3560 lm	On/Off	A++	92/97°	230×150	240	100			70 502

LED compact floodlights with earth spike · RGBW · Very wide beam											
	LED	PSU		β	A	B	C				
84 535	24.0 W	1525 lm	ZigBee		89/96°	230×150	240	120			70 502

β = Half beam angle  Shield





LED surface floodlights with mounting box or outrigger arm
Asymmetrical-wide beam light distribution

BEGA surface floodlights for asymmetrical very wide beam light distribution. Compact, powerful and versatile in two housing sizes with highly efficient BEGA LED modules as well as a luminaire luminous flux of more than 2,500 lumen.

An extensive range of perfect accessories is available for installing BEGA surface floodlights with G ½ threaded connections · ISO 228. You can find an overview of all accessories on Pages 544 to 545. Accessories suitable for each floodlight type can be found on our website under the article number in question.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

Luminaires with On/Off power supply unit or DALI controllable power supply unit

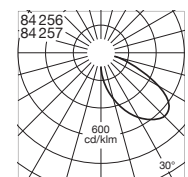
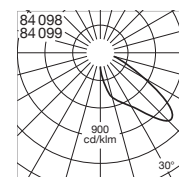
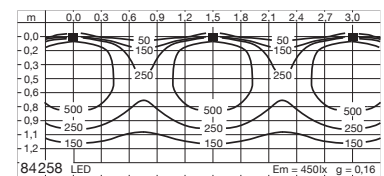
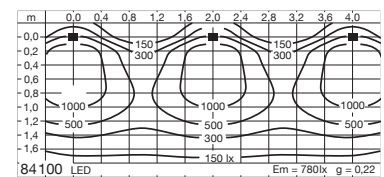
20 years' availability guarantee for LED modules

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

The power information might 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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

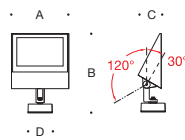




G 1/2 threaded connection

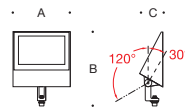


Outrigger arm and mounting box



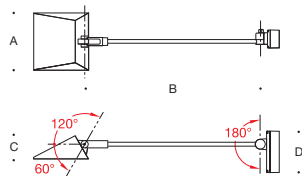
LED surface floodlights with mounting box

	LED	PSU	EEC	A	B	C	D	AC/DC	
84 256	13.5 W	900 lm	On/Off	A++	180	285	80	90	✓
84 098	22.5 W	2525 lm	DALI	A++	260	360	105	110	✓



LED surface floodlights with G 1/2 threaded connection

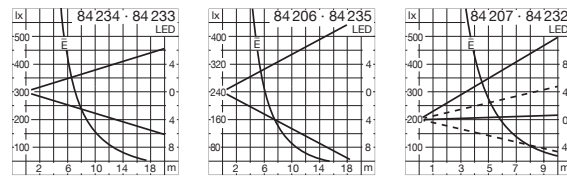
	LED	PSU	EEC	A	B	C	Thread	AC/DC	
84 257	13.5 W	900 lm	On/Off	A++	180	255	80	G 1/2	✓
84 099	22.5 W	2525 lm	DALI	A++	260	335	105	G 1/2	✓



LED surface floodlights with outrigger arm and mounting box

	LED	PSU	EEC	A	B	C	D	AC/DC	
84 258	13.5 W	900 lm	On/Off	A++	180	500	80	Ø 90	✓
84 100	22.5 W	2525 lm	DALI	A++	260	700	105	90 x 190	✓





LED performance floodlights with mounting box or with G ½ threaded connection
Narrow beam, wide beam or asymmetrical light distribution

The new LED performance floodlight impresses not only with both its high light output of more than 12 000 lumens and its compact dimensions, but also with its optical system and the long service life of its LED and power supply unit. It sets new standards in terms of glare suppression and ensures maximum visual comfort with BEGA Vortex Optics®. The materials used for deflecting light and optimising efficiency are virtually wear-free. Instead of plastic lenses with questionable ageing properties and thermal stability, BEGA uses only glass, silicone and aluminium.

For technical information, see Page 10.

The floodlights are available with highly efficient reflectors with three different forms of light distribution for your planning work.

An extensive range of perfect accessories is available for installing BEGA high-performance floodlights with G ½ threaded connections · ISO 228. You can find an overview of all accessories on Pages 544 to 545. Accessories suitable for each floodlight type can be found on our website under the article number in question.

BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector surface made of pure anodised aluminium · BEGA Vortex Optics®

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

The RGBW luminaires can be controlled by DALI colour light control (DT8, RGBWAF, xy). We recommend our BEGA Control system for this purpose.

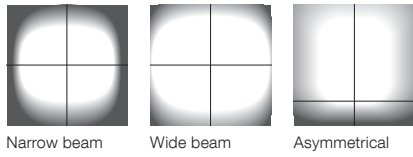
For the technical data of DALI system components, see Pages 538 to 542.

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

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®.

Luminaire colour graphite or silver

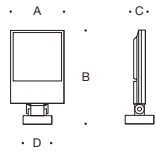
■ Graphite – article number · ■ Silver – article number + **A**



Narrow beam

Wide beam

Asymmetrical

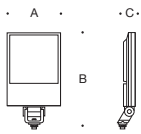


LED performance floodlights with mounting box

	LED	PSU	EEC	β	A	B	C	D	AC/DC		
84 234	Narrow beam	109.0 W	9200 lm	DALI	A++	34°	250	440	55	130	✓
84 206	Wide beam	109.0 W	12 800 lm	DALI	A++	55°	250	440	55	130	✓
84 207	Asymmetrical	109.0 W	11 600 lm	DALI	A++	42/50°	250	440	55	130	✓

LED performance floodlights with mounting box · RGBW

	LED	PSU		β	A	B	C	D	AC/DC		
84 348	Narrow beam	108.0 W	4950 lm	DALI		34°	250	440	55	130	✓
84 349	Wide beam	108.0 W	6940 lm	DALI		55°	250	440	55	130	✓
84 350	Asymmetrical	108.0 W	6250 lm	DALI		42/50°	250	440	55	130	✓



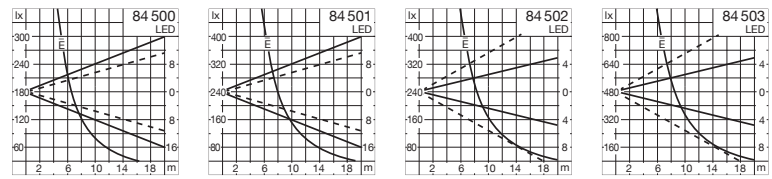
LED performance floodlights with G 1/2 threaded connection

	LED	PSU	EEC	β	A	B	C		AC/DC	
84 233	Narrow beam	109.0 W	9200 lm	DALI	A++	34°	250	440	55	✓
84 235	Wide beam	109.0 W	12 800 lm	DALI	A++	55°	250	440	55	✓
84 232	Asymmetrical	109.0 W	11 600 lm	DALI	A++	42/50°	250	440	55	✓

LED performance floodlights with G 1/2 threaded connection · RGBW

	LED	PSU		β	A	B	C		AC/DC	
84 345	Narrow beam	108.0 W	4950 lm	DALI		34°	250	440	55	✓
84 346	Wide beam	108.0 W	6940 lm	DALI		55°	250	440	55	✓
84 347	Asymmetrical	108.0 W	6250 lm	DALI		42/50°	250	440	55	✓





LED high-performance floodlights

Very wide beam or flat beam light distribution

We have opened a new chapter in the history of our floodlights with these LED high-performance floodlights. With a flat design and a luminaire luminous flux of more than 40,000 lumen, this series sets new standards in terms of economy and efficiency. These floodlights are characterised by the long service life of their LED and power supply unit as well as their wear-free optical system. We have developed highly efficient reflectors with very wide beam or flat beam light distribution for different applications.

For light deflection and efficiency optimisation we use only materials that are virtually unaffected by ageing, e.g. glass, silicone or aluminium.

BEGA does not use plastic lenses in view of their questionable ageing properties and thermal stability.

To restrict the amount of glare, it is possible to insert additional internal louvres or to add a shield to the floodlight.

A comprehensive range of perfect accessories is available for installing BEGA high-performance floodlights. You can find an overview of all accessories on Pages 546 to 547. Accessories suitable for each floodlight type can be found on our website under the article number in question.

Protection class IP 67 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

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

Mounting bracket with 1 central hole Ø22mm and 2 holes Ø9mm · Distance apart 80mm

The RGBW luminaires can be controlled by DALI colour light control (DT8, RGBWAF, xy).

We recommend our BEGA Control system for this purpose. For the technical data of DALI system components, see Pages 538 to 542.

The following accessories are available for these luminaires:

- Shields
- Louvres

Louvres and shields are accessories and must be ordered separately.

LED colour temperature:

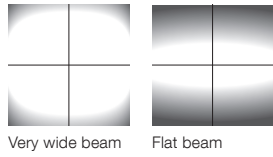
2200 K – article number + **K2**

3000 K – article number + **K3**

4000 K – article number + **K4**

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®.

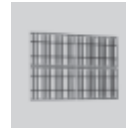
■ Luminaire colour graphite



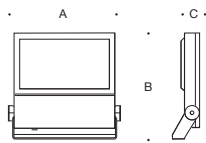
Very wide beam Flat beam



Shield



Louvre




 LED high-performance floodlights · **Very wide beam**

	LED	PSU	EEC	β	A	B	C	AC/DC
84 500	195.0 W	20 870 lm	DALI	A++ 70/62°	525	500	90	✓
84 501	385.0 W	40 350 lm	DALI	A++ 76/58°	620	670	90	✓

Accessories



71 108 71 107
71 102 71 104

 LED high-performance floodlights · **Flat beam**

	LED	PSU	EEC	β	A	B	C	AC/DC
84 502	195.0 W	19 470 lm	DALI	A++ 26/72°	525	500	90	✓
84 503	385.0 W	39 170 lm	DALI	A++ 27/76°	620	670	90	✓

Accessories



71 108 71 106
71 102 71 103

 LED high-performance floodlights · **RGBW · Very wide beam**

	LED	PSU		β	A	B	C	AC/DC
84 513	182.0 W	10 935 lm	DALI DT 8	76/71°	525	500	90	✓
84 514	364.0 W	20 595 lm	DALI DT 8	83/66°	620	670	90	✓

Accessories



71 108 71 107
71 102 71 104

 LED high-performance floodlights · **RGBW · Flat beam**

	LED	PSU		β	A	B	C	AC/DC
84 531	182.0 W	9995 lm	DALI DT 8	23/74°	525	500	90	✓
84 532	364.0 W	20 180 lm	DALI DT 8	25/79°	620	670	90	✓

Accessories



71 108 71 106
71 102 71 103

β = Half beam angle

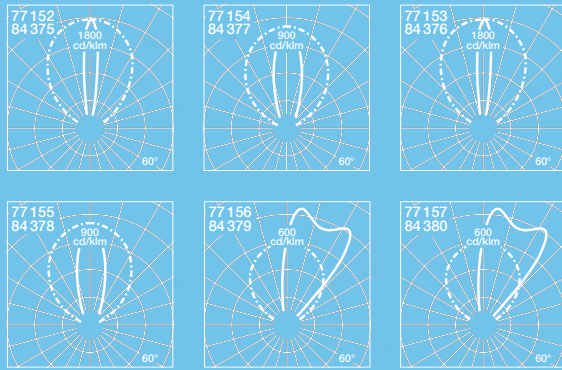


Shield



Louvre





LED façade floodlights

Symmetrical or asymmetrical light distribution

We have developed a linear LED façade floodlight in two lengths especially for the large-area illumination of facades or sections of facades.

On Pages 236 to 237 you will find these luminaires as façade floodlights in tunable white and RGB W versions with symmetrical or asymmetrical light distribution.

BEGA façade floodlights can be installed side by side to form a continuous light strip. The electrical connection to the next luminaire is established using convenient and easy-to-use five-pole plug connectors. We offer connection cables in various lengths for bridging larger distances.

Connection cable 71 037 can also be used as a maintenance cable.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

DALI controllable

20 years' availability guarantee for LED modules

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 71 064.

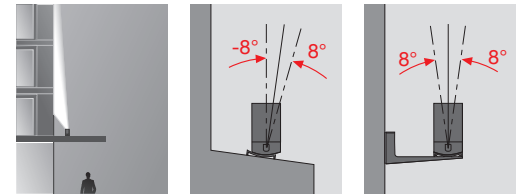
Connection boxes are accessories and must be ordered separately.

The connection from one luminaire to another is made with the connection cables supplied with the luminaires.

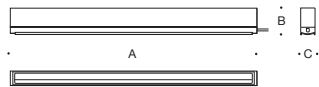
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + A



Façade floodlights can be mounted on cantilever plates, canopies or external window sills, or can be attached to a façade with wall outrigger arm 71 036. The inclination angle of the floodlight is adjustable. Please observe the instructions for use.



LED façade floodlights · Symmetrical narrow beam

	LED	PSU	EEC	β	A	B	C	AC/DC	
77 152	18.8 W	1300 lm	DALI	A++	12/85°	520	105	60	✓
77 153	36.5 W	2815 lm	DALI	A++	14/89°	1000	105	60	✓



LED façade floodlights · Symmetrical wide beam

	LED	PSU	EEC	β	A	B	C	AC/DC	
77 154	18.8 W	1170 lm	DALI	A++	32/93°	520	105	60	✓
77 155	36.5 W	2565 lm	DALI	A++	32/95°	1000	105	60	✓



LED façade floodlights · Asymmetrical

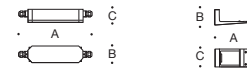
	LED	PSU	EEC	β	A	B	C	AC/DC	
77 156	18.8 W	1020 lm	DALI	A++	43/77°	520	105	60	✓
77 157	36.5 W	2245 lm	DALI	A++	46/77°	1000	105	60	✓

β = Half beam angle

Connection boxes and cables · Wall outrigger arms

For installation in series (max. 12 luminaires per connection), you only need a connection box for the first luminaire.

For installation with wall outrigger arms please order connection box 71 064.



70 555 · 71 064

71 036

		A	B	C
70 555	Connection box	250	55	45
71 064	Con. box for wall outrigger arms	255	65	60
71 036	Wall outrigger arms	160	65	75
71 037	Connection cable 2 m			
70 556	Connection cable 5 m			
70 557	Connection cable 10 m			



LED façade floodlights · Tunable white · RGBW
Symmetrical or asymmetrical light distribution

We have developed a linear LED façade floodlight in two lengths especially for the large-area illumination of facades or sections of facades.

On Pages 234 to 235 you will find these luminaires as façade floodlights in two fixed colour temperatures of 3000 K or 4000 K with symmetrical or asymmetrical light distribution.

We supply the floodlights on this page with variable colour temperature (tunable white) or as RGBW luminaires. The luminaires can be controlled via DALI colour light control (DT 8, RGBWAF, xy). We recommend our BEGA Control system for this purpose. Suitable DALI system components can be found on Pages 538 to 542.

BEGA façade floodlights can be installed side by side to form a continuous light strip. The electrical connection to the next luminaire is established using convenient and easy-to-use five-pole plug connectors. We offer connection cables in various lengths for bridging larger distances.

Connection cable 71 037 can also be used as a maintenance cable.

Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Safety glass
Reflector made of pure anodised aluminium
BEGA Ultimate Driver® · DALI controllable
20 years' availability guarantee for LED modules

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.

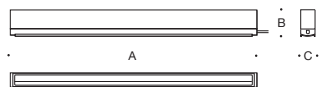
For installation with wall outrigger arms please order connection box 71 064. Connection boxes are accessories and must be ordered separately.

The connection from one luminaire to another is made with the connection cables supplied with the luminaires.

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + A



Symmetrical narrow beam · Tunable white · 2700 - 6500 K

	LED	PSU	EEC	β	A	B	C	AC/DC	
84 375	15.0 W	1180 lm	DALI DT 8	A++	12/85°	520	105	60	✓
84 376	30.0 W	2560 lm	DALI DT 8	A++	14/89°	1000	105	60	✓

Symmetrical narrow beam · RGBW

	LED	PSU		β	A	B	C	AC/DC
84 199	17.0 W	635 lm	DALI DT 8	12/85°	520	105	60	✓
84 200	30.0 W	1315 lm	DALI DT 8	14/89°	1000	105	60	✓



Symmetrical wide beam · Tunable white · 2700 - 6500 K

	LED	PSU	EEC	β	A	B	C	AC/DC	
84 377	15.0 W	1065 lm	DALI DT 8	A++	32/93°	520	105	60	✓
84 378	30.0 W	2330 lm	DALI DT 8	A++	32/95°	1000	105	60	✓

Symmetrical wide beam · RGBW

	LED	PSU		β	A	B	C	AC/DC
84 179	17.0 W	560 lm	DALI DT 8	32/93°	520	105	60	✓
84 180	30.0 W	1100 lm	DALI DT 8	32/95°	1000	105	60	✓



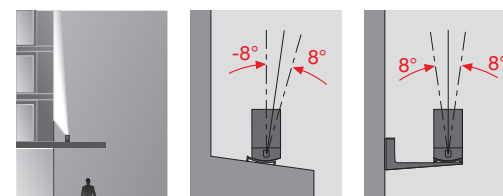
Asymmetrical · Tunable white · 2700 - 6500 K

	LED	PSU	EEC	β	A	B	C	AC/DC	
84 379	15.0 W	925 lm	DALI DT 8	A++	43/77°	520	105	60	✓
84 380	30.0 W	2040 lm	DALI DT 8	A++	46/77°	1000	105	60	✓

Asymmetrical · RGBW

	LED	PSU		β	A	B	C	AC/DC
84 177	17.0 W	470 lm	DALI DT 8	43/77°	520	105	60	✓
84 178	30.0 W	950 lm	DALI DT 8	46/77°	1000	105	60	✓

β = Half beam angle



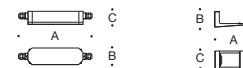
Façade floodlights can be mounted on cantilever plates, canopies or external window sills, or can be attached to a façade with wall outrigger arm 71 036.

The inclination angle of the floodlight is adjustable. Please observe the instructions for use.

Connection boxes and cables · Wall outrigger arms

For installation in series (max. 12 luminaires per connection), you only need a connection box for the first luminaire.

For installation with wall outrigger arms please order connection box 71 064.



70 555 · 71 064

71 036

		A	B	C
70 555	Connection box	250	55	45
71 064	Con. box for wall outrigger arms	255	65	60
71 036	Wall outrigger arms	160	65	75
71 037	Connection cable 2 m			
70 556	Connection cable 5 m			
70 557	Connection cable 10 m			



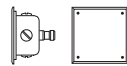
Distribution box made of stainless steel

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 · Stainless steel – material no. 1.4301 – electropolished

Technical data can be found in the distribution box data sheet on our website.



70 223 Distribution box

LED recessed luminaires for swimming pools

Recessed luminaires for private and public swimming pools.

BEGA underwater luminaires in various sizes and light outputs for installation in concrete, foil, metal or synthetic pools.

The luminaires may only be operated under water. To avoid harmful deposits and dirt on the luminaires, the water must have a neutral pH value and must be free of components that attack metal.

For the installation and operation of these devices, safety regulations must be complied with. Please observe the technical specifications for each luminaire in the instructions for use on our website as early as the planning stage. There you will also find information on additional accessories and their technical data.

Protection class IP68 10m · Safety class III

Stainless steel – material no. 1.4401 – electropolished · Safety glass

Reflector made of pure anodised aluminium

20 years' availability guarantee for LED modules

Chlorine water resistant cable

Recommended installation depth 400 to 700 mm under the water surface

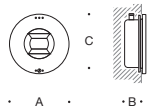
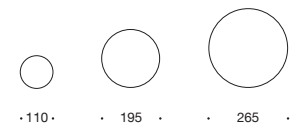
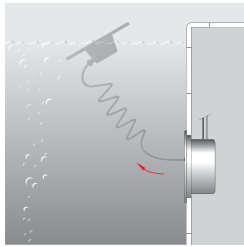
You will find suitable power supply units for operating these luminaires on Page 537.

An operating device is required to operate RGBW luminaire 99 815.

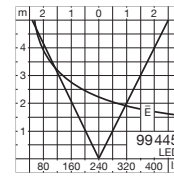
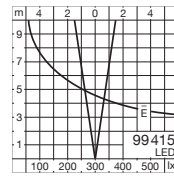
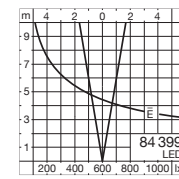
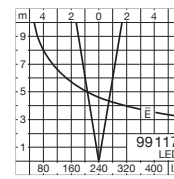
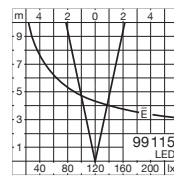
For technical data on the operating devices, see Page 542.

LED colour temperature: 3000K – article number + **K3**

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 and maximum ambient temperature.



LED recessed luminaires · 24V DC						
	LED		EEC	A	B	C
88 913	3.9 W	205 lm	A++	110	120	80
99 812	10.0 W	815 lm	A++	195	65	150
99 814	18.5 W	1975 lm	A++	265	70	210
84 400	62.0 W	4610 lm	A++	265	70	210
99 815	RGBW	30.0 W	—	265	70	210



LED underwater floodlights

Underwater floodlights for the illumination of ponds, water pools and water features in private and public areas.

These luminaires are available in two versions:

- Floodlight with LED 24 V DC · Safety class III · Without power supply unit
- Floodlight for high voltage 230 V AC · Safety class I · With integrated On/Off power supply unit · BEGA Thermal Management®

The luminaires may only be operated under water. To avoid harmful deposits and dirt on the luminaires, the water must have a neutral pH value and must be free of components that attack metal.

For the installation and operation of these devices, safety regulations must be complied with. Please observe the technical specifications for each luminaire in the instructions for use on our website as early as the planning stage. There you will also find information on additional accessories and their technical data.

Protection class IP 68 20m

Stainless steel – material no. 1.4301 – electropolished · Safety glass

Reflector made of pure anodised aluminium

20 years' availability guarantee for LED modules

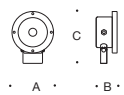
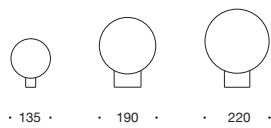
Water-resistant cable

Mounting bracket for horizontal and vertical floodlight adjustment

Technical data on power supply units for operating floodlights without a built-in power supply unit can be found on Page 537.

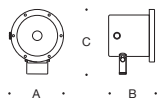
LED colour temperature: 3000K – article number + **K3**

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 and maximum ambient temperature.



Without PSU · 24 V DC · Safety class III

	LED	EEC	A	B	C
99 115	13.9 W 1250 lm	A++	135	65	170
99 117	18.5 W 1605 lm	A++	190	95	235
84 399	62.0 W 3745 lm	A++	190	95	235

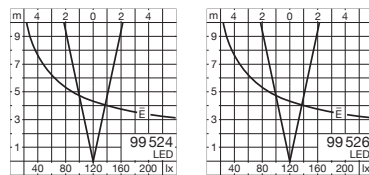


With integrate PSU · 230 V AC · Safety class I

	LED	PSU	EEC	β	A	B	C
99 415	21.0 W 1895 lm	On/Off	A++	16°	220	195	270
99 445	21.0 W 2015 lm	On/Off	A++	54°	220	195	270

β = Half beam angle





LED underwater floodlights ready for connection

Consisting of **one** or **two** floodlights

With external power supply unit and connecting cable with plug

LED underwater floodlights for the illumination of private or public ponds, pools and water features up to a depth of 3 metres.

These units are ready for connection and consist of one or two floodlights with power supply unit and connecting cable with mains plug.

Please note that underwater floodlights may only be operated under water. To avoid harmful deposits and dirt on the luminaires, the water must have a neutral pH value and must be free of components that attack metal.

For the installation and operation of these devices, safety regulations must be complied with. Please observe the technical specifications for each luminaire in the instructions for use on our website as early as the planning stage.

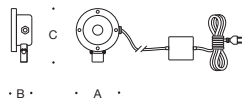
Protection class IP 68 · 5 m · Safety class III · BEGA Thermal Management®
 Stainless steel – material no. 1.4301 – electropolished · Safety glass
 Reflector made of pure anodised aluminium · On/Off power supply unit
 20 years' availability guarantee for LED modules
 Mounting bracket for horizontal and vertical floodlight adjustment
 Safety transformer: Protection class IP 66 · Safety class II
 2 m connecting cable with mains plug

99 524 · **1** floodlight ready for connection **with** power supply unit
 4 m water-resistant cable between the floodlight and the power supply unit

99 526 · **2** floodlights ready for connection **with** power supply unit
 4 m water-resistant cable between the floodlight and the power supply unit
 2 m water resistant cable between the two floodlights

LED colour temperature: 3000K – article number + **K3**

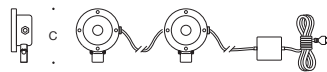
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.



· B · · A ·

1 LED floodlight ready for connection and PSU

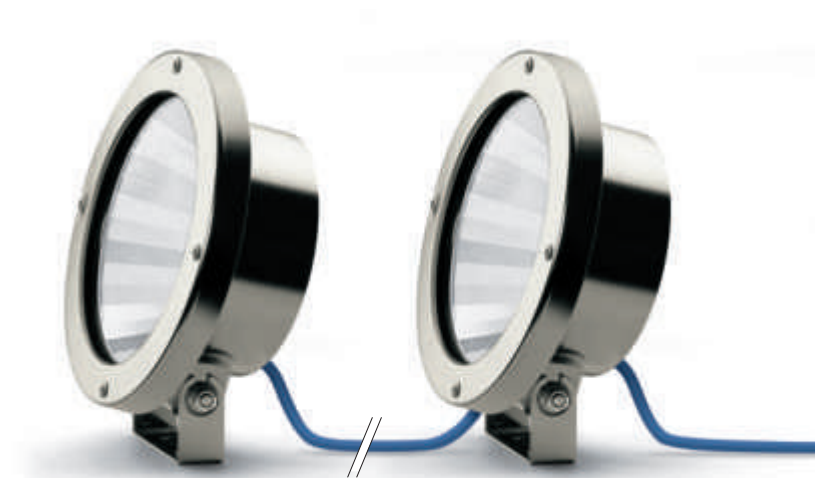
	LED	PSU	EEC	A	B	C
99 524	19.0 W	1250 lm	On/Off	A++	135	65 170



· B · · A ·

2 LED floodlights ready for connection and PSU

	LED	PSU	EEC	A	B	C
99 526	40.0 W	2500 lm	On/Off	A++	135	65 170

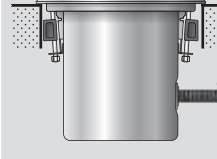
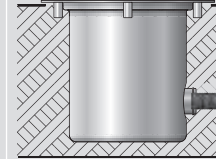
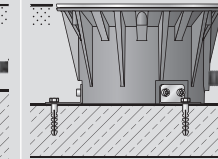
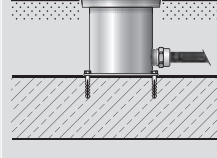




Drive-over in-ground luminaires

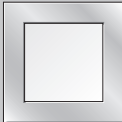
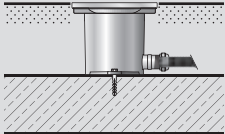
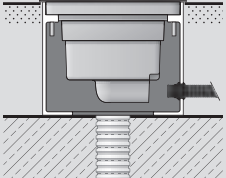


For more than 50 years, we have been working intensively on illumination from ground level. We had a formative influence on many of the current standards according to which the quality of this group of luminaires is judged. There is a large number of requirements that these luminaires have to meet and just as many installation situations. The pressure loads that a luminaire can be exposed to when it is 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.

This summary of our drive-over in-ground luminaires is intended to provide a compact overview of the most important criteria and to help you quickly find the most suitable series. Current values and other technical data can be found in the luminaire data sheet on our website.


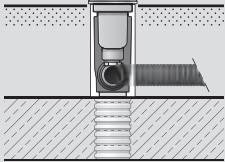
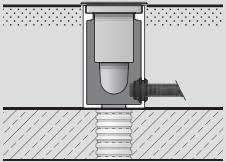


Round

Page	246	248	250	252	254	256
						
Description	Luminaires with small dimensions for installation in holes drilled by the customer	Luminaires with small dimensions for flush-mounting installation	Luminaires for installation in round cut-outs	Luminaires for installation in ground surfaces	Luminaires for installation situations with shallow installation depths and for flush-mounting installation	Luminaires for installation situations with shallow installation depths and for flush-mounting installation
Pressure load	1000 kg	2000 kg	2000 kg	2000 kg	3000 kg	3000 kg
Material	Stainless steel	S/steel · Cast s/steel	Stainless steel	Stainless steel	S/steel · Cast s/steel	S/steel · Synthetic material
Protection class	IP 68 · 20 m	IP 68 · 10 m	IP 68 · 10 m	IP 68 · 10 m	IP 68 · 10 m	IP 67
Installation depth	100 mm	60 · 100 mm	80 - 225 mm	80 - 225 mm	130 mm	145 mm
Size Ø	37 · 50 · 75 mm	75 · 115 mm	155 - 330 mm	145 - 330 mm	205 · 260 mm	245 mm
Light distribution						
Page	258	260	268	270	272	274
						
Description	Luminaires for installation situations with high pressure load and for flush-mounting installation	Luminaires for installation situations with high pressure load	Luminaires with small dimensions for illuminating ground surfaces	Luminaires for installation situations with high pressure load for illuminating ground surfaces	Luminaires for installation on the ground for illuminating ground surfaces	Luminaires with a shallow installation depth for illuminating vertical surfaces
Pressure load	5000 kg	5000 kg	1000 kg	4000 kg	1000 kg	1000 kg
Material	S/steel · Cast s/steel	S/steel · Cast alu. · Syn. mat.	S/steel · Cast aluminium	Cast alu. · Synthetic material	S/steel · Cast aluminium	Cast alu./bronze · S/steel
Protection class	IP 68 · 10 m	IP 67	IP 67	IP 67	IP 67	IP 67
Installation depth	130 - 255 mm	220 - 250 mm	95 mm	230 mm	—	110 mm
Size Ø	210 · 255 · 330 mm	205 · 240 · 330 mm	120 mm	240 mm	160 · 270 mm	285 mm
Light distribution						

Square

Page	248	262
		
Description	Luminaires with small dimensions for flush-mounting installation	Luminaires for installation situations with high pressure load
Pressure load	2000 kg	5000 kg
Material	S/steel · Cast s/steel	S/steel · Cast alu. · Syn. mat.
Protection class	IP 68 · 10m	IP 67
Installation depth	60 · 100 mm	160 mm
Size □	75 · 115 mm	185 · 220 mm
Light distribution		

Rectangular

Page	264	266
		
Description	Luminaires for installation situations with a shallow installation depth · 24V DC	Luminaires for installation situations with shallow installation depth
Pressure load	1000 kg	1000 kg
Material	Stainless steel · Aluminium	Stainless steel · Aluminium
Protection class	IP 67	IP 67
Installation depth	70 · 100 mm	130 mm
Length	100 · 1000 mm	530 · 1025 · 1520 mm
Light distribution		





Drive-over LED in-ground luminaires 24 V DC

With small dimensions for installation in holes drilled by the customer

Location luminaires or floodlights

LED in-ground luminaires made of stainless steel optionally as location luminaires or floodlights. Luminaires for installation in paved surfaces with holes drilled by the customer $\varnothing 30\text{ mm} \cdot \varnothing 45\text{ mm} \cdot \varnothing 70\text{ mm}$. If the installation situation requires the use of an installation housing, you will find suitable housings made of stainless steel in the table. 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. Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

Safety class III

Stainless steel · Safety glass · Reflector surface made of pure aluminium

Installation sleeve made of glass-fibre-reinforced synthetic material · Water stop · Connecting cable

Luminaires without power supply unit

20 years' availability guarantee for LED modules

A separate 24 V DC power supply unit is required to operate the luminaires. For technical data, see Page 537.

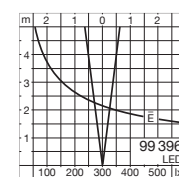
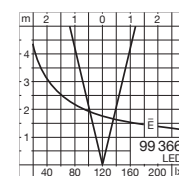
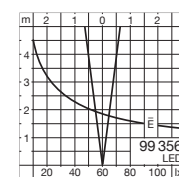
Perfectly matched installation housings are available as accessories for the various installation situations.

Please refer to the installation housing data sheets on our website during the planning phase.

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

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

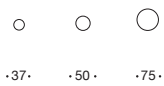
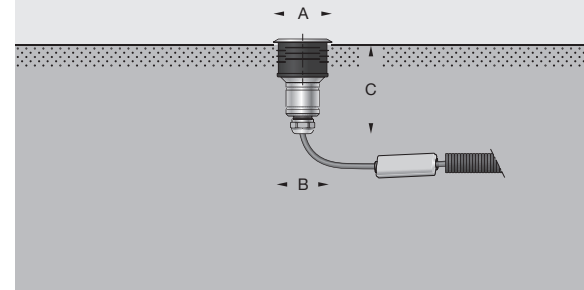
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux and maximum ambient temperature.







Drive-over LED in-ground luminaires 24V DC
With small dimensions for installation in holes 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



	LED location luminaires					Install. housing		
	LED	PSU	EEC	A	B		C	
	99 327	0.35 W 5 lm	W/o* · 24V DC	A++	37	30	65	70 778
	99 328	0.45 W 5 lm	W/o* · 24V DC	A++	50	45	80	70 779
	99 331	2.80 W 60 lm	W/o* · 24V DC	A++	75	70	80	70 745

	LED floodlights · Symmetrical light distribution					Install. housing			
	LED	PSU	EEC	β	A		B	C	
	99 356	0.5 W 30 lm	W/o* · 24V DC	A++	14°	37	30	65	70 778
	99 366	1.4 W 135 lm	W/o* · 24V DC	A++	27°	50	45	80	70 779
	99 396	5.2 W 270 lm	W/o* · 24V DC	A++	14°	75	70	80	70 745

*Suitable power supply units can be found on Page 537.

β = Half beam angle

B = Ø Recessed opening





Drive-over LED in-ground luminaires

With small dimensions for flush-mounting installation

Location luminaires or floodlights

LED in-ground luminaires with a luminaire housing made of cast stainless steel. Luminaires with small dimensions for flush-mounting installation in paved ground surfaces both indoors and out. Optionally in 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. Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

BEGA Thermal Management®

Trim ring made of stainless steel and luminaire housing made of cast stainless steel · Safety glass

Reflector made of pure anodised aluminium · Water stop · Connecting cable

Luminaires without power supply unit or with On/Off power supply unit

20 years' availability guarantee for LED modules

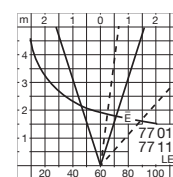
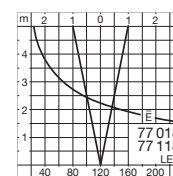
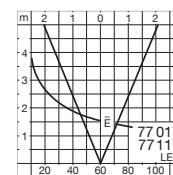
A separate 24 V DC power supply unit with A = 75 mm is required to operate the luminaires.

For technical data, see Page 537.

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

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

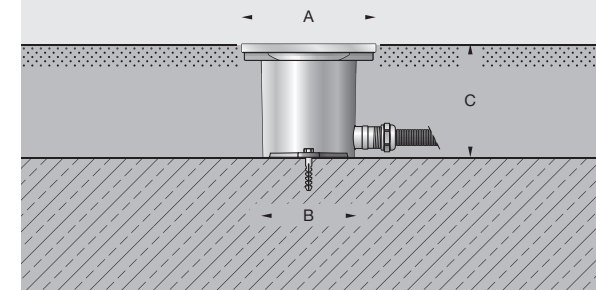
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.





Drive-over LED in-ground luminaires
With small dimensions for flush-mounting installation

Pressure load	2000 kg
Material	Stainless steel · Cast stainless steel
Protection class	IP 68 · 10 m
Installation depth	60 · 100 mm
Size Ø	75 · 115 mm



LED location luminaires

Square	Round	LED	PSU	SC	EEC	A	B	C	AC/DC	
77 127	77 027	0.8 W	25 lm	W/* · 24 V DC	III	A++	75	45×92	60	—
77 128	77 028	2.7 W	75 lm	On/Off	I	A++	115	80×130	100	✓



LED floodlights · **Symmetrical** light distribution

Square	Round	LED	PSU	SC	EEC	β	A	B	C	AC/DC	
77 117	77 017	1.5 W	135 lm	W/* · 24 V DC	III	A++	44°	75	45×92	60	—
77 118	77 018	4.1 W	350 lm	On/Off	I	A++	26°	115	80×130	100	✓



LED floodlights · **Asymmetrical** light distribution

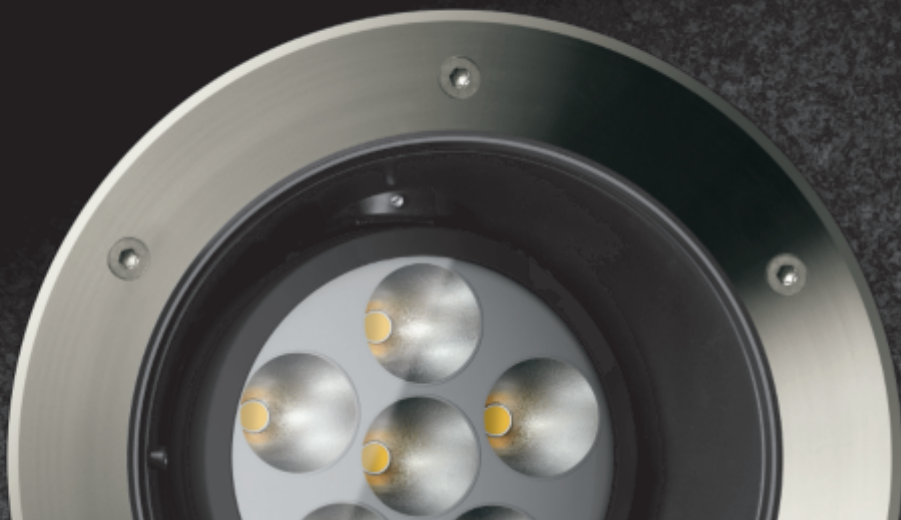
Square	Round	LED	PSU	SC	EEC	β	A	B	C	AC/DC	
77 119	77 019	4.1 W	370 lm	On/Off	I	A++	34/35°	115	80×130	100	✓



*You can find suitable power supply units on Page 537.

SC= Safety class

β= Half beam angle



Drive-over LED in-ground luminaires

For installation in round cut-outs

Location luminaires or floodlights

This is an extensive and efficient series specially for mounting 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.

Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

When the glass is wet, there may be a risk of slipping. For pedestrian areas we recommend skid-blocking glass in accordance with DIN 51130 R13. With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass. This increases the dispersion of the light distribution.

BEGA Thermal Management®

Trim ring and luminaire housing made of stainless steel · Safety glass
 Floodlight with reflectors made of pure anodised aluminium · Water stop · Connecting cable
 77 912 · 77 913 · 77 914 Integrated louvre for lateral glare suppression
 Luminaires with On/Off power supply unit or DALI controllable power supply unit
 20 years' availability guarantee for LED modules

Accessories for adjustable floodlights:

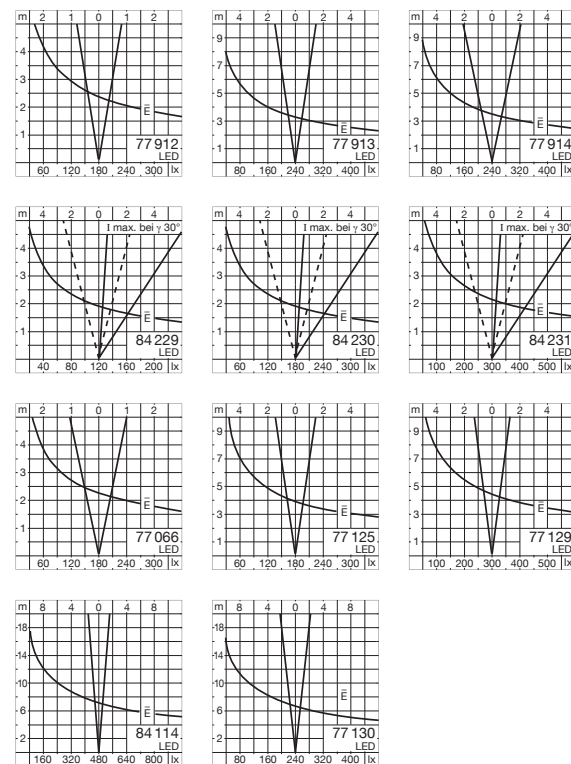
- Diffuser lenses, wide beam or flat beam

The RGBW luminaires can be controlled by DALI colour light control (DT 8, RGBWAF, xy). We recommend our BEGA Control system for this purpose. For the technical data of DALI system components, see Pages 538 to 542.

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

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

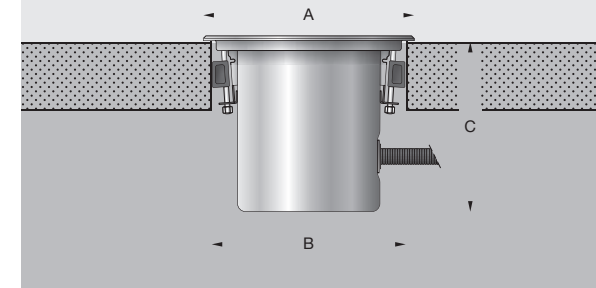
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.








Drive-over LED in-ground luminaires
For installation in round cut-outs




Pressure load	2000 kg
Material	Stainless steel
Protection class	IP 68 · 10 m
Installation depth	80 - 225 mm
Size Ø	155 - 330 mm






LED location luminaires									
	LED	PSU	EEC		A	B	C	AC/DC	
	77 812	2.7 W	90 lm	On/Off	A++	155	145	80	✓
	77 813	4.1 W	110 lm	On/Off	A++	205	182	80	✓
	77 814	5.0 W	125 lm	On/Off	A++	245	225	90	✓
	77 815	7.8 W	390 lm	On/Off	A++	330	300	100	✓

LED floodlights · Symmetrical light distribution									
	LED	PSU	EEC	β	A	B	C	AC/DC	
	77 912	4.1 W	215 lm	On/Off	A++	155	145	160	✓
	77 913	10.2 W	465 lm	DALI	A++	205	182	170	✓
	77 914	16.5 W	965 lm	DALI	A++	245	225	185	✓

LED floodlights · Wall washers										
	LED	PSU	EEC	β	A	B	C	AC/DC		
	84 229	9.5 W	835 lm	DALI	A++	40/55°	205	182	170	✓
	84 230	16.2 W	1480 lm	DALI	A++	41/54°	245	225	185	✓
	84 231	30.0 W	2930 lm	DALI	A++	40/55°	330	300	225	✓

LED floodlights · Adjustable from 0° to 30°/±180°											
	LED	PSU	EEC	β	A	B	C	AC/DC			
	77 066	5.9 W	295 lm	On/Off	A++	26°	155	145	160	✓	10 200 10 213
	77 125	7.5 W	565 lm	DALI	A++	16°	205	182	170	✓	10 043 10 014
	77 129	14.0 W	940 lm	DALI	A++	13°	280	257	185	✓	10 047 10 016
	84 114	21.8 W	1220 lm	DALI	A++	9°	280	257	185	✓	— —
	77 130	20.5 W	1375 lm	DALI	A++	13°	330	300	225	✓	10 048 10 019

RGBW LED floodlights · Adjustable from 0° to 30°/±180°										
	LED	PSU		β	A	B	C	AC/DC		
	84 381	14.5 W	545 lm	DALI DT8	22°	205	182	170	✓	10 043 10 014
	84 382	24.5 W	1000 lm	DALI DT8	20°	280	257	185	✓	10 047 10 016
	84 383	37.0 W	1165 lm	DALI DT8	19°	330	300	225	—	10 048 10 019

β = Half beam angle

B = Ø Recessed opening

Diffuser lenses

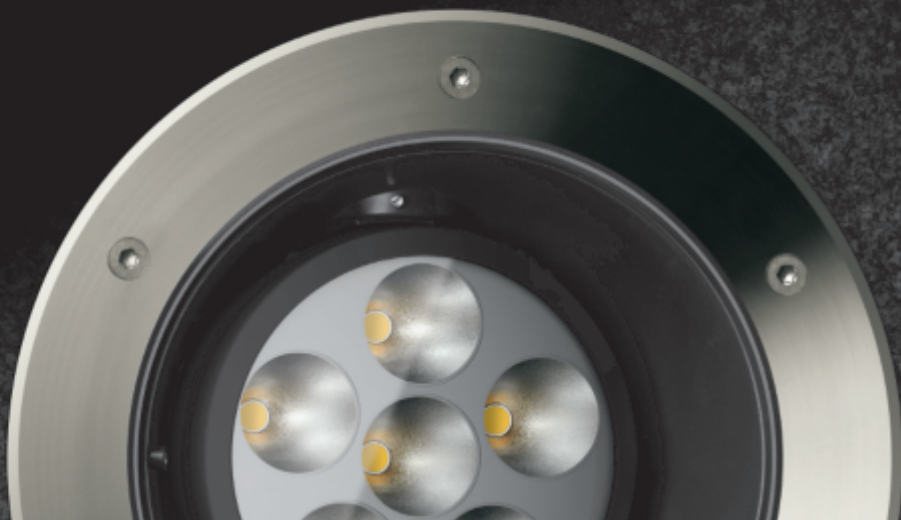


Wide beam



Flat beam





Drive-over LED in-ground luminaires

For installation in ground surfaces

Location luminaires or floodlights

An extensive and efficient series of LED 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" in gravel, lawns, flowerbeds or paved surfaces, for example.

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.

Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

When the glass is wet, there may be a risk of slipping. For walkable public areas, we recommend skid-blocking glass in accordance with DIN 51130 R 13. With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass. This increases the dispersion of the light distribution.

BEGA Thermal Management®

Trim ring and luminaire housing made of stainless steel · Safety glass
 Floodlight with reflectors made of pure anodised aluminium · Water stop · Connecting cable
 77 005 · 77 006 · 77 007 · 77 040 Integrated louvre for lateral glare suppression
 Luminaires with On/Off power supply unit or DALI controllable power supply unit
 20 years' availability guarantee for LED modules

Accessories:

- Installation housings
- Diffuser lenses, wide beam or flat beam (for adjustable floodlights)

Perfectly matched installation housings are available as accessories for the various installation situations. Please refer to the installation housing data sheets on our website during the planning phase.

The RGBW luminaires can be controlled by DALI colour light control (DT 8, RGBWAF, xy).

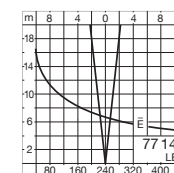
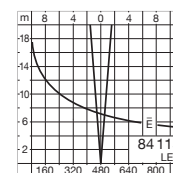
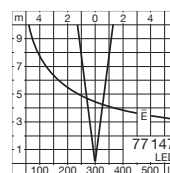
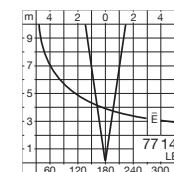
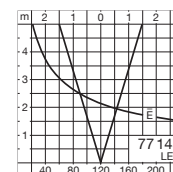
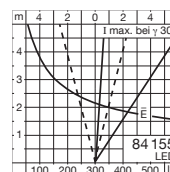
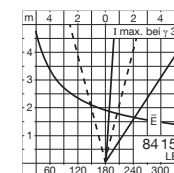
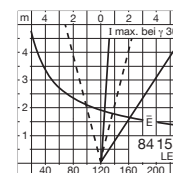
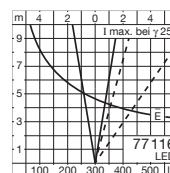
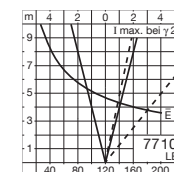
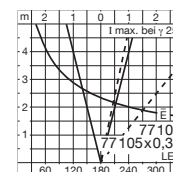
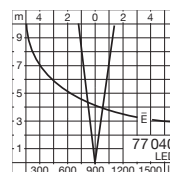
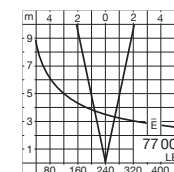
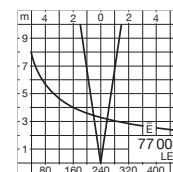
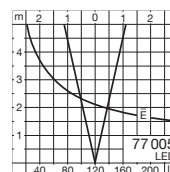
We recommend our BEGA Control system for this purpose.

For the technical data of DALI system components, see Pages 538 to 542.

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

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

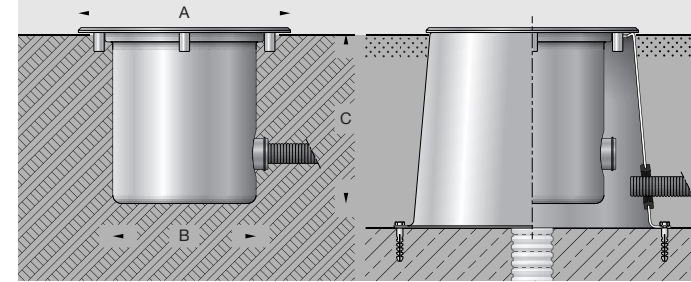
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.








Drive-over LED in-ground luminaires
For installation in ground surfaces


Pressure load	2000 kg
Material	Stainless steel
Protection class	IP 68 · 10 m
Installation depth	80 - 225 mm
Size Ø	145 - 330 mm





LED location luminaires										
	LED		PSU	EEC		A	B	C	AC/DC	□
	77 055	2.7 W	90 lm	On/Off	A++	145	95	80	✓	70 693
	77 056	4.1 W	110 lm	On/Off	A++	205	140	80	✓	70 680
	77 057	5.0 W	125 lm	On/Off	A++	245	175	90	✓	70 687
	77 058	7.8 W	390 lm	On/Off	A++	330	240	100	✓	70 688

LED floodlights · Symmetrical light distribution											
	LED		PSU	EEC	β	A	B	C	AC/DC	□	
	77 005	4.1 W	205 lm	On/Off	A++	20°	145	95	140	✓	70 693
	77 006	10.2 W	465 lm	DALI	A++	17°	205	140	165	✓	70 680
	77 007	16.5 W	965 lm	DALI	A++	23°	245	175	185	✓	70 687
	77 040	39.7 W	2155 lm	DALI	A++	15°	330	240	225	✓	70 688

LED floodlights · Asymmetrical light distribution											
	LED		PSU	EEC	β	A	B	C	AC/DC	□	
	77 105	4.1 W	400 lm	On/Off	A++	26/27°	145	95	140	✓	70 693
	77 106	10.2 W	975 lm	DALI	A++	28/29°	205	140	165	✓	70 680
	77 107	16.5 W	1905 lm	DALI	A++	30/32°	245	175	185	✓	70 687
	77 116	39.7 W	4075 lm	DALI	A++	23/24°	330	240	225	✓	70 688

LED floodlights · Wall washers											
	LED		PSU	EEC	β	A	B	C	AC/DC	□	
	84 153	9.5 W	835 lm	DALI	A++	40/55°	205	140	165	✓	70 680
	84 154	16.2 W	1480 lm	DALI	A++	41/54°	245	175	185	✓	70 687
	84 155	30.0 W	2930 lm	DALI	A++	40/55°	330	240	225	✓	70 688

LED floodlights · Adjustable from 0° to 30°/±180°										Accessories			
	LED		PSU	EEC	β	A	B	C	AC/DC	□	■	■	
	77 145	4.1 W	280 lm	On/Off	A++	28°	145	95	140	✓	70 693	10 042	10 013
	77 146	7.5 W	565 lm	DALI	A++	16°	205	140	165	✓	70 680	10 043	10 014
	77 147	14.0 W	940 lm	DALI	A++	13°	280	200	185	✓	70 694	10 047	10 016
	84 115	21.8 W	1220 lm	DALI	A++	9°	280	200	185	✓	70 694	—	—
	77 148	20.5 W	1375 lm	DALI	A++	13°	330	240	225	✓	70 688	10 048	10 019

RGBW LED floodlights · Adjustable from 0° to 30°/±180°										Accessories		
	LED		PSU		β	A	B	C	AC/DC	□	■	■
	84 384	14.5 W	545 lm	DALI DT8	22°	205	140	165	✓	70 680	10 043	10 014
	84 385	24.5 W	1000 lm	DALI DT8	20°	280	200	185	✓	70 694	10 047	10 016
	84 386	37.0 W	1165 lm	DALI DT8	19°	330	240	225	—	70 688	10 048	10 019

β = Half beam angle

□ Installation housings

Diffuser lenses

■ Wide beam

■ Flat beam





Drive-over LED in-ground luminaires

For installation situations with shallow installation depths and for flush-mounting installation

Location luminaires or floodlights

Location luminaires and floodlights specially for flush-mounting installation in paved ground surfaces. Luminaires with convincing lighting technology and impressive material quality. The luminaire design made of stainless steel and cast stainless steel is suitable for very high load applications.

On account of the low height, these luminaires are particularly suitable for areas in which only a limited installation depth is available, such as parking decks or suspended ceilings, both indoors and out. Before the luminaires are installed, the customer must lay a foundation that will absorb the pressure load of the luminaires.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

When the glass is wet, there may be a risk of slipping. For walkable public areas, we recommend skid-blocking glass in accordance with DIN 51130 R 13. With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass. This increases the dispersion of the light distribution.

BEGA Thermal Management®

Trim ring and luminaire housing made of stainless steel and cast stainless steel · Safety glass

Floodlight with reflectors made of pure anodised aluminium · Water stop · Connecting cable

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

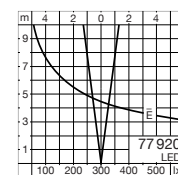
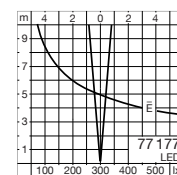
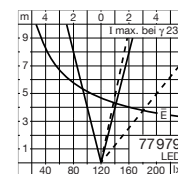
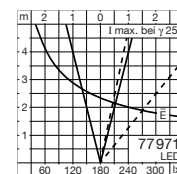
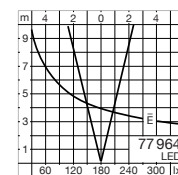
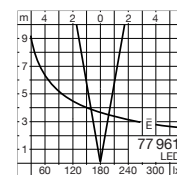
For the technical data of DALI system components, see Pages 538 to 542.

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

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

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®.

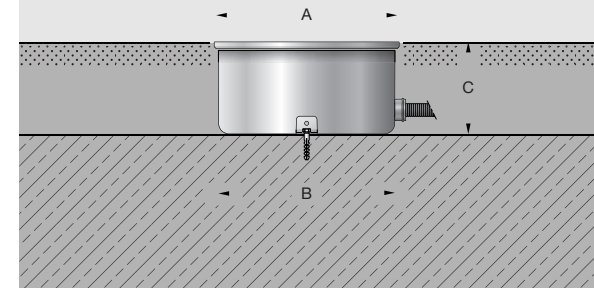




The luminaire design made of stainless steel and cast stainless steel is suitable for very high load applications.

Drive-over in-ground luminaires
For installation situations with shallow installation depths and for flush-mounting installation

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





LED location luminaires	LED		PSU	EEC	A B C			AC/DC
	77 162	4.1 W	65 lm	On/Off	A++	205	220	130
77 163	5.0 W	95 lm	On/Off	A++	260	280	130	✓

LED floodlights · Symmetrical light distribution	LED		PSU	EEC	β	A B C			AC/DC
	77 961	10.0 W	1040 lm	DALI	A++	20°	205	220	130
77 964	17.0 W	1840 lm	DALI	A++	27°	260	280	130	✓

LED floodlights · Asymmetrical light distribution	LED		PSU	EEC	β	A B C			AC/DC
	77 971	10.0 W	995 lm	DALI	A++	28/29°	205	220	130
77 979	17.0 W	1835 lm	DALI	A++	28/27°	260	280	130	✓

LED floodlights · Adjustable from 0° to 30°/±180°	LED		PSU	EEC	β	A B C			AC/DC
	77 177	11.0 W	690 lm	DALI	A++	9°	205	220	130
77 920	14.0 W	1160 lm	DALI	A++	13°	260	280	130	✓

Accessories

	
70 271	70 272
70 273	70 274



β = Half beam angle

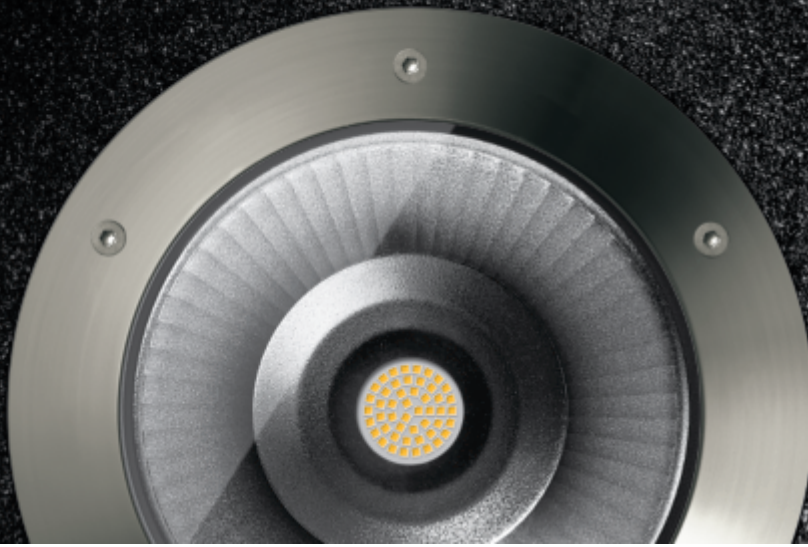
Diffuser lenses



Wide beam



Flat beam



Drive-over LED in-ground luminaires

For installation situations with shallow installation depths and for flush-mounting installation

Location luminaires or floodlights

Luminaires specially for flush-mounting installation in ground surfaces. On account of the low height, these luminaires are also suitable e.g. for parking decks or suspended ceilings, both indoors and out. Before the luminaires are installed, the customer must lay a foundation that will absorb the pressure load of the luminaires.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

When the glass is wet, there may be a risk of slipping. For walkable public areas, we recommend skid-blocking glass in accordance with DIN 51130 R13. With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass. This increases the dispersion of the light distribution.

BEGA Thermal Management®

Trim ring made of stainless steel, luminaire housing made of glass fibre reinforced synthetic material · Safety glass

Floodlight with reflectors made of pure anodised aluminium · Water stop · Connecting cable

Luminaires with On/Off power supply unit or DALI controllable power supply unit

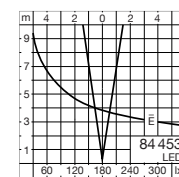
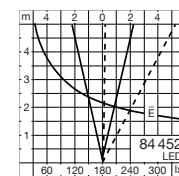
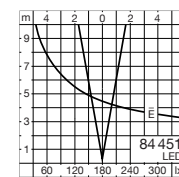
20 years' availability guarantee for LED modules

For the technical data of DALI system components, see Pages 538 to 542.

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

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

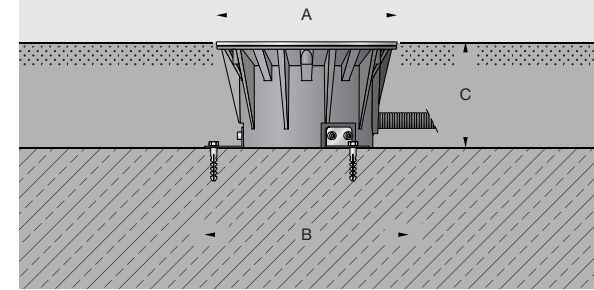
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.








Drive-over LED in-ground luminaires
For installation situations with shallow installation depths and for flush-mounting installation


Pressure load	3000 kg
Material	S/steel · Glass fibre reinforced syn. material
Protection class	IP 67
Installation depth	145 mm
Size Ø	245 mm



LED location luminaire									
	LED	PSU	EEC		A	B	C	AC/DC	
	84 450	5.2 W	235 lm	On/Off	A++	245	275	145	✓

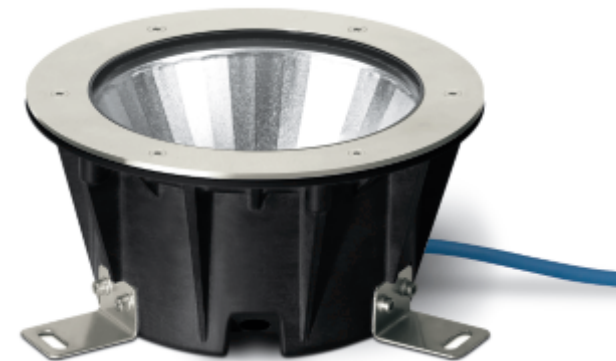
LED floodlights · Symmetrical light distribution										
	LED	PSU	EEC	β	A	B	C	AC/DC		
	84 451	16.5 W	1985 lm	DALI	A++	20°	245	275	145	✓

LED floodlights · Asymmetrical light distribution										
	LED	PSU	EEC	β	A	B	C	AC/DC		
	84 452	16.5 W	1955 lm	DALI	A++	42/47°	245	275	145	✓

LED floodlights · Adjustable from 0° to 30°/±180°										
	LED	PSU	EEC	β	A	B	C	AC/DC		
	84 453*	7.0 W	520 lm	DALI	A++	16°	245	275	145	✓

*Diffuser lenses for adjustable floodlights:  10 043 · Wide beam  10 014 · Flat beam

β = Half beam angle





Drive-over LED in-ground luminaires

For installation situations with high pressure load and for flush-mounting installation

Location luminaires or adjustable floodlights

Location luminaires and adjustable floodlights specially for flush-mounting installation in paved ground surfaces. Luminaires with convincing lighting technology and impressive material quality.

The patented luminaire design, made of stainless steel and cast stainless steel, is characterised by a particularly high pressure load of 5000kg and is suitable for very high load applications – BEGA Patent EP 2 418 419.

Before the luminaires are installed, the customer must lay a foundation, including drainage, to absorb the pressure load of the luminaires. The luminaires can be driven over by vehicles with pneumatic tyres. Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

When the glass is wet, there may be a risk of slipping. For walkable public areas, we recommend skid-blocking glass in accordance with DIN 51130 R13. With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass. This increases the dispersion of the light distribution.

BEGA Thermal Management®

Trim ring and luminaire housing made of stainless steel and cast stainless steel · Safety glass

Floodlights with reflector surface made of pure aluminium · Water stop · Connecting cable

Luminaires with On/Off power supply unit or DALI controllable power supply unit

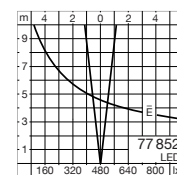
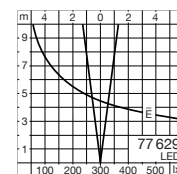
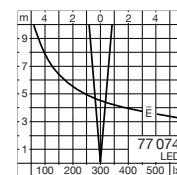
20 years' availability guarantee for LED modules

For the technical data of DALI system components, see Pages 538 to 542.

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

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

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®.

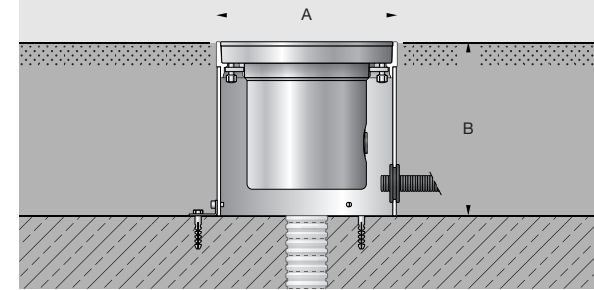




The patented luminaire design, made of stainless steel and cast stainless steel, is characterised by a particularly high pressure load and is suitable for very high load applications – BEGA Patent EP 2418419.

Drive-over LED in-ground luminaires
For installation situations with high pressure load and for flush-mounting installation

Pressure load	5000 kg
Material	Stainless steel · Cast stainless steel
Protection class	IP 68 · 10 m
Installation depth	130 - 255 mm
Size Ø	210 · 255 · 330 mm



LED location luminaires

	LED	PSU	EEC	A	B	AC/DC
77 071	5.7 W 80 lm	On/Off	A++	210	130	✓
77 072	10.0 W 175 lm	DALI	A++	255	130	✓
77 073	15.9 W 655 lm	DALI	A++	330	155	✓



LED floodlights · Adjustable from 0° to 30°/±180°

	LED	PSU	EEC	β	A	B	AC/DC
77 074	11.0 W 620 lm	DALI	A++	10°	210	200	✓
77 629	14.0 W 1045 lm	DALI	A++	16°	255	225	✓
77 852	20.5 W 1345 lm	DALI	A++	15°	330	255	✓

Accessories



70 271	70 272
70 273	70 274
10 048	10 019

β = Half beam angle

Diffuser lenses



Wide beam



Flat beam





Drive-over LED in-ground luminaires

For installation situations with high pressure load

Location luminaires or floodlights

Drive-over LED in-ground luminaires with high light output as location luminaires and floodlights for installation in paved ground surfaces both indoors and out. This new luminaire series continues a line that we have been producing for more than 30 years. Know-how, experience and a constant willingness to learn define our daily approach to the development of new products. Newly constructing these luminaires is also the result of our ongoing research, thorough tests and implementation of the best materials and technologies for this field.

Like the previous luminaires, these luminaires are intended for areas involving heavy stress, sitting on a foundation with their recessed housing made of highly corrosion-resistant cast aluminium, and can take on a high pressure load of 5000kg. Before the luminaires are installed, the customer must lay a foundation, including drainage, to absorb the pressure load of the luminaires. The luminaires can be driven over by vehicles with pneumatic tyres.

The installation dimensions for this series are identical to those of the previous luminaires.

Please observe the technical specifications for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

When the glass is wet, there may be a risk of slipping. For walkable public areas, we recommend skid-blocking glass in accordance with DIN 51130 R13. With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass. This increases the dispersion of the light distribution.

BEGA Thermal Management®

Trim ring made of stainless steel · Highly corrosion-resistant cast aluminium · Glass fibre reinforced synthetic material

BEGA Tricoat® coating technology

Safety glass · Floodlight reflector surface made of pure aluminium

84 292 · 84 293 · 84 255 · 84 455

84 265 · 84 296 · 84 297 BEGA Hybrid Optics®

Water stop · Connecting cable

Luminaires with On/Off power supply unit or DALI controllable power supply unit

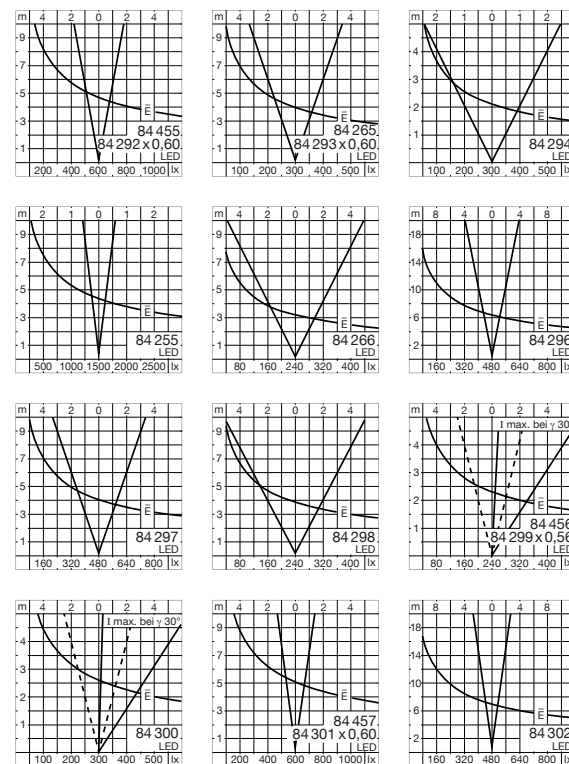
20 years' availability guarantee for LED modules

For the technical data of DALI system components, see Pages 538 to 542.

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

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

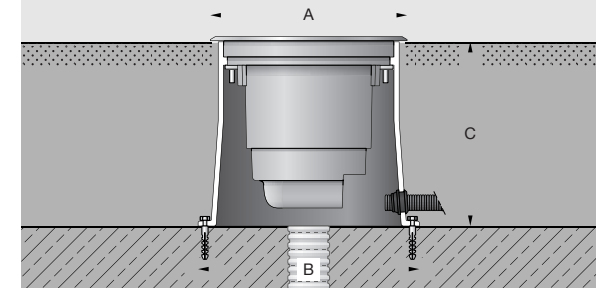
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Drive-over in-ground luminaires
For installation situations with high pressure load


Pressure load	5000 kg
Material	S/steel · Cast alu · Synthetic material
Protection class	IP 67
Installation depth	220 - 250 mm
Size Ø	205 · 240 · 330 mm





LED location luminaires									
	LED	PSU	EEC		A	B	C	AC/DC	
	84 289	4.1 W	120 lm	On/Off	A++	205	250	220	✓
	84 454	5.0 W	150 lm	On/Off	A++	240	275	230	✓
	84 290	7.8 W	450 lm	On/Off	A++	330	355	250	✓

LED floodlights · Symmetrical light distribution									
	LED	PSU	EEC	β	A	B	C	AC/DC	
	84 292	20.5 W	1870 lm	DALI	A++	205	250	220	✓
	84 293	20.5 W	1870 lm	DALI	A++	205	250	220	✓
	84 294	20.0 W	1550 lm	DALI	A++	205	250	220	✓
	84 255	15.0 W	600 lm	DALI	A++	240	275	230	✓
	84 455	33.8 W	3100 lm	DALI	A++	240	275	230	✓
	84 265	33.8 W	3100 lm	DALI	A++	240	275	230	✓
	84 266	32.8 W	2750 lm	DALI	A++	240	275	230	✓
	84 296	52.0 W	5000 lm	DALI	A++	330	355	250	✓
	84 297	52.0 W	5000 lm	DALI	A++	330	355	250	✓
	84 298	52.5 W	4500 lm	DALI	A++	330	355	250	✓

LED floodlights · Wall washers										
	LED	PSU	EEC	β	A	B	C	AC/DC		
	84 299	20.0 W	1550 lm	DALI	A++	40/55°	205	250	220	✓
	84 456	32.8 W	2750 lm	DALI	A++	41/55°	240	275	230	✓
	84 300	52.5 W	4500 lm	DALI	A++	40/55°	330	355	250	✓

LED floodlights · Adjustable inclination angle 0° to 25°/vertical axis ±180°										
	LED	PSU	EEC	β	A	B	C	AC/DC		
	84 301	20.5 W	1600 lm	DALI	A++	17°	205	250	220	✓
	84 457	32.2 W	2600 lm	DALI	A++	15°	240	275	230	✓
	84 302	51.0 W	3600 lm	DALI	A++	15°	330	355	250	✓

Accessories

	10 043	10 014
	71 154	71 155
	10 048	10 019

β = Half beam angle

Diffuser lenses

 Wide beam  Flat beam





Drive-over LED in-ground luminaires

For installation situations with high pressure load

Location luminaires or floodlights

Drive-over LED in-ground luminaires with high light output as location luminaires and floodlights for installation in paved ground surfaces both indoors and out. This new luminaire series continues a line that we have been producing for more than 30 years. Know-how, experience and a constant willingness to learn define our daily approach to the development of new products.

Newly constructing these luminaires is also the result of our ongoing research, thorough tests and implementation of the best materials and technologies for this field.

Like the previous luminaires, these luminaires are intended for areas involving heavy stress, sitting on a foundation with their recessed housing made of highly resistant cast aluminium, and can take on a high pressure load of 5000 kg. Before the luminaires are installed, the customer must lay a foundation, including drainage, to absorb the pressure load of the luminaires. The luminaires can be driven over by vehicles with pneumatic tyres.

Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

When the glass is wet, there may be a risk of slipping. For walkable public areas, we recommend skid-blocking glass in accordance with DIN 51130 R 13. With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass. This increases the dispersion of the light distribution.

BEGA Thermal Management®

Cover frames made of stainless steel · Highly corrosion-resistant cast aluminium

Glass fibre reinforced synthetic material

BEGA Tricoat® coating technology

Safety glass · Floodlight reflector surface made of pure aluminium · BEGA Vortex Optics®

Water stop · Connecting cable

Luminaires with On/Off power supply unit or DALI controllable power supply unit

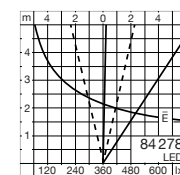
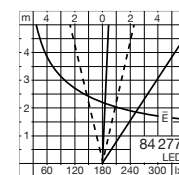
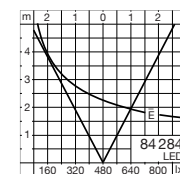
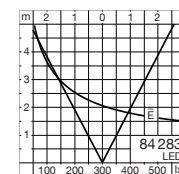
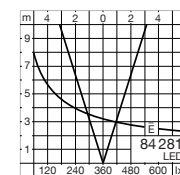
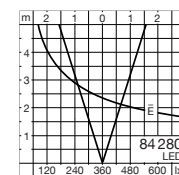
20 years' availability guarantee for LED modules

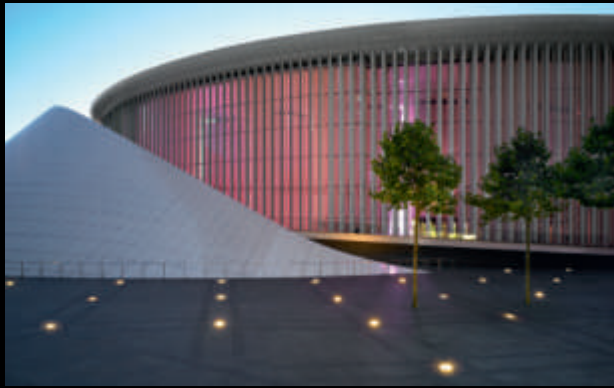
For the technical data of DALI system components, see Pages 538 to 542.

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

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

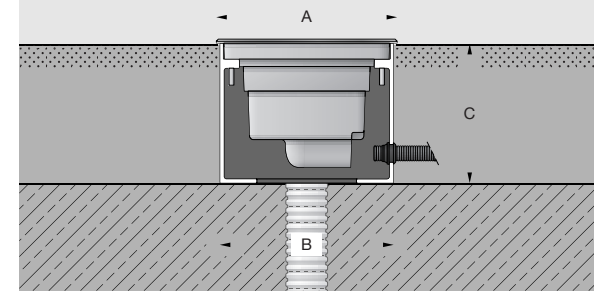
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Drive-over LED in-ground luminaires
For installation situations with high pressure load

Pressure load	5000 kg
Material	S/steel · Cast alu. · Synthetic material
Protection class	IP 67
Installation depth	160 mm
Size □	185 · 220 mm



LED location luminaires

	LED	PSU	EEC		A	B	C	AC/DC
84 286	4.1 W 140 lm	On/Off	A++		185°	200°	160	✓
84 287	5.0 W 180 lm	On/Off	A++		220°	235°	160	✓



LED floodlights · Symmetrical narrow beam light distribution

	LED	PSU	EEC	β	A	B	C	AC/DC
84 280	19.7 W 1400 lm	DALI	A++	34°	185°	200°	160	✓
84 281	36.0 W 2620 lm	DALI	A++	34°	220°	235°	160	✓



LED floodlights · Symmetrical wide beam light distribution

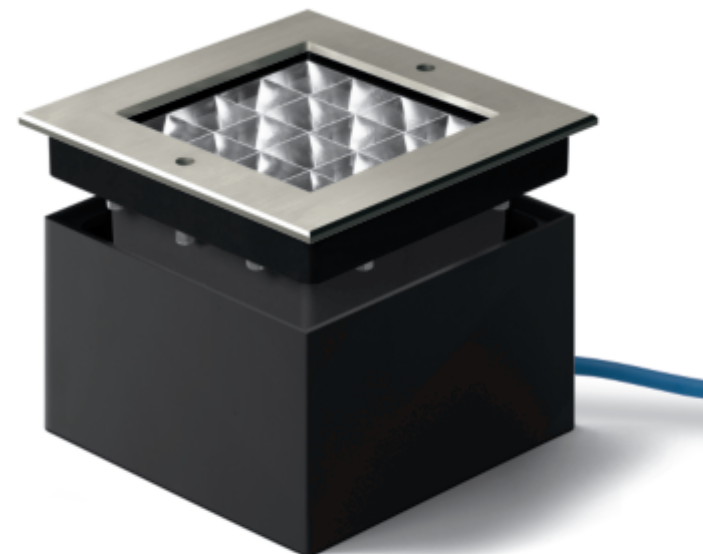
	LED	PSU	EEC	β	A	B	C	AC/DC
84 283	19.7 W 2150 lm	DALI	A++	55°	185°	200°	160	✓
84 284	36.0 W 4000 lm	DALI	A++	55°	220°	235°	160	✓

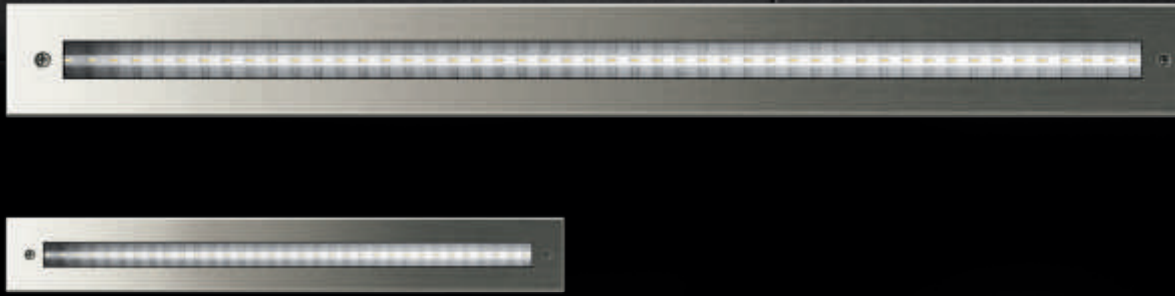


LED floodlights · Wall washers · Asymmetrical wide beam light distribution

	LED	PSU	EEC	β	A	B	C	AC/DC
84 277	19.7 W 1850 lm	DALI	A++	46/53°	185°	200°	160	✓
84 278	36.0 W 3450 lm	DALI	A++	46/53°	220°	235°	160	✓

β = Half beam angle





Drive-over LED in-ground luminaires · 24 V DC

For installation situations with shallow installation depths

Location luminaires, luminaires with symmetrical or asymmetrical light distribution or RGB luminaires

Linear LED in-ground luminaires in various lengths for installation in paved ground surfaces both indoors and out. The different lengths and the compact dimensions allow a multitude of design options with linear light from ground level.

Before the luminaires are installed, the customer must lay a foundation, including drainage, to absorb the pressure load of the luminaires.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

Protection class IP 67 · Safety class III

Cover frame and luminaire housing made of stainless steel

Recessed housing made of aluminium

Safety glass

Connecting cable

Luminaires without power supply unit

20 years' availability guarantee for LED modules

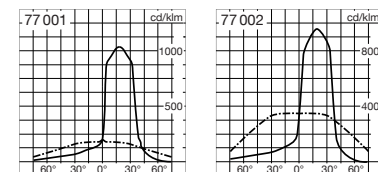
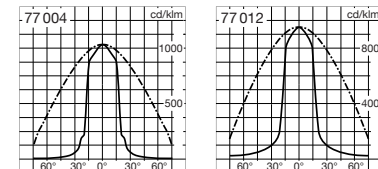
A separate 24 V DC power supply unit is required to operate the luminaires.
For technical data, see Page 537.

An operating device and a colour light control are also required to operate the RGB luminaires.
For DALI system components, see Pages 538 to 542.

RGB luminaires suitable for integration in light and building control systems.

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

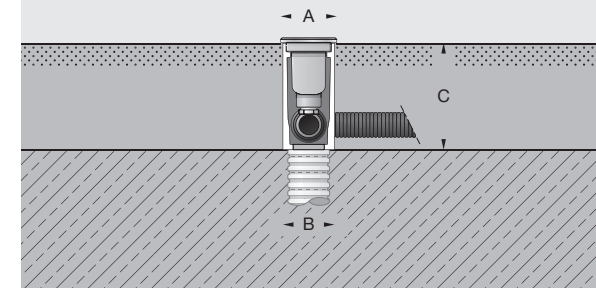
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux and maximum ambient temperature.





Drive-over LED in-ground luminaires · 24 V DC
For install. situations with shallow install. depths

Pressure load	1000 kg
Material	Stainless steel · Aluminium
Protection class	IP 67
Installation depth	70 · 100 mm
Length	100 - 1000 mm

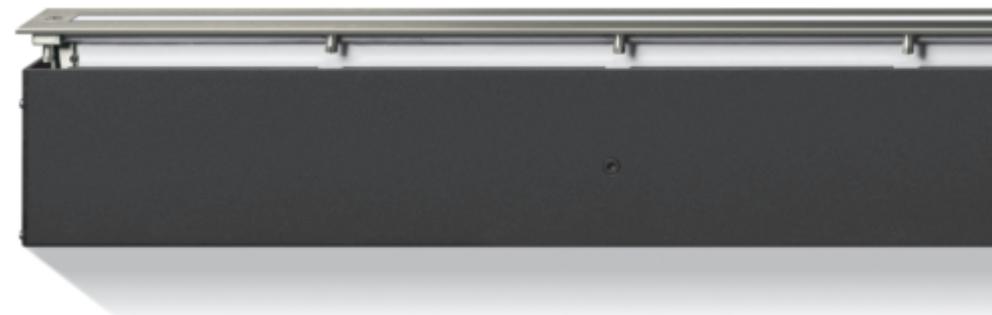
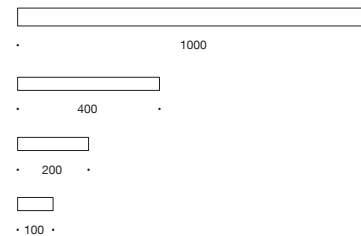


LED location luminaires							
	LED	PSU	EEC	A	B	C	
88 300	0.2 W	2 lm	Without* · 24 V DC	A++	100 × 37	34	70
88 301	0.4 W	8 lm	Without* · 24 V DC	A++	200 × 37	34	70
88 302	1.0 W	20 lm	Without* · 24 V DC	A++	400 × 37	34	70
88 303	2.0 W	55 lm	Without* · 24 V DC	A++	1000 × 55	51	100

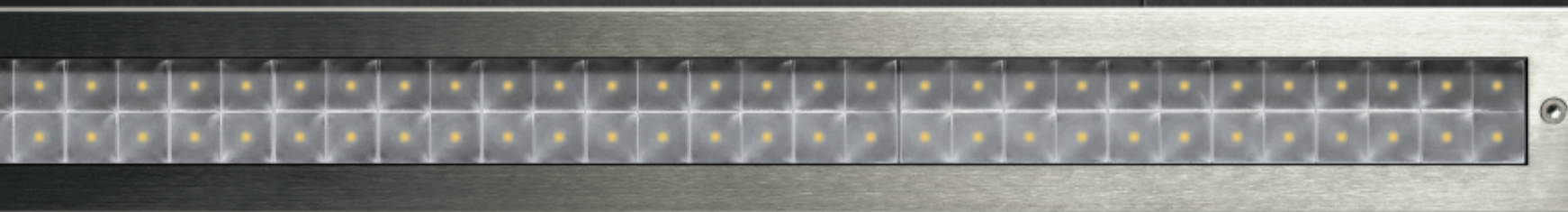
LED in-ground luminaires · Symmetrical light distribution							
	LED	PSU	EEC	A	B	C	
77 004	3.6 W	200 lm	Without* · 24 V DC	A++	400 × 55	51	100
77 012	9.6 W	585 lm	Without* · 24 V DC	A++	1000 × 55	51	100

LED in-ground luminaires · Asymmetrical light distribution							
	LED	PSU	EEC	A	B	C	
77 001	3.6 W	175 lm	Without* · 24 V DC	A++	400 × 55	51	100
77 002	9.6 W	500 lm	Without* · 24 V DC	A++	1000 × 55	51	100

LED in-ground luminaires RGB							
	LED	PSU	EEC	A	B	C	
88 897	4.1 W	Without* · 24 V DC		200 × 37	34	70	
88 898	10.2 W	Without* · 24 V DC		400 × 37	34	70	
88 899	25.0 W	Without* · 24 V DC		1000 × 55	51	100	



*You can find suitable power supply units on Page 537.



Drive-over LED in-ground luminaires

For installation situations with shallow installation depths

Location luminaires or floodlights

Drive-over LED in-ground luminaires with high light output as location luminaires and floodlights for installation in paved ground surfaces both indoors and out.

We have enhanced all floodlights in these very narrow, linear LED in-ground luminaires to include additional light output. When planning a lighting system, both symmetrical and asymmetrical floodlights are now available in two light outputs for each of the three lengths.

Before the luminaires are installed, the customer must lay a foundation, including drainage, to absorb the pressure load of the luminaires. The luminaires can be driven over by vehicles with pneumatic tyres. Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

BEGA Thermal Management®

Cover frame made of stainless steel

Luminaire housing and recessed housing made of aluminium and cast aluminium

Safety glass · Floodlight reflector surface made of pure aluminium · BEGA Vortex Optics®

Water stop · Connecting cable

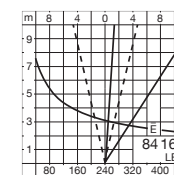
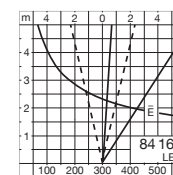
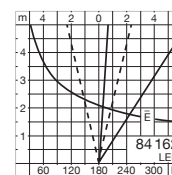
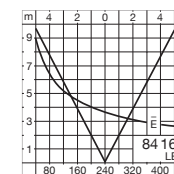
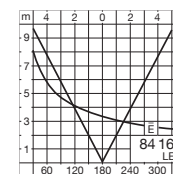
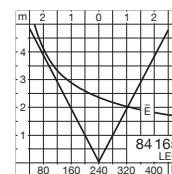
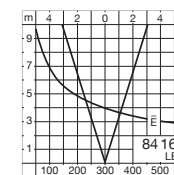
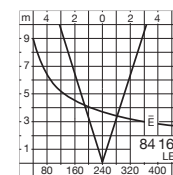
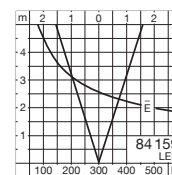
DALI controllable

20 years' availability guarantee for LED modules

For the technical data of DALI system components, see Pages 538 to 542.

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

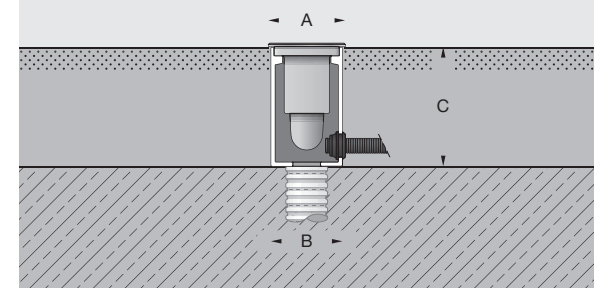
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.





Drive-over LED in-ground luminaires
For install. situations with shallow install. depths

Pressure load	1000 kg
Material	S/steel · Aluminium · Cast aluminium
Protection class	IP 67
Installation depth	130 mm
Length	530 · 1025 · 1520 mm



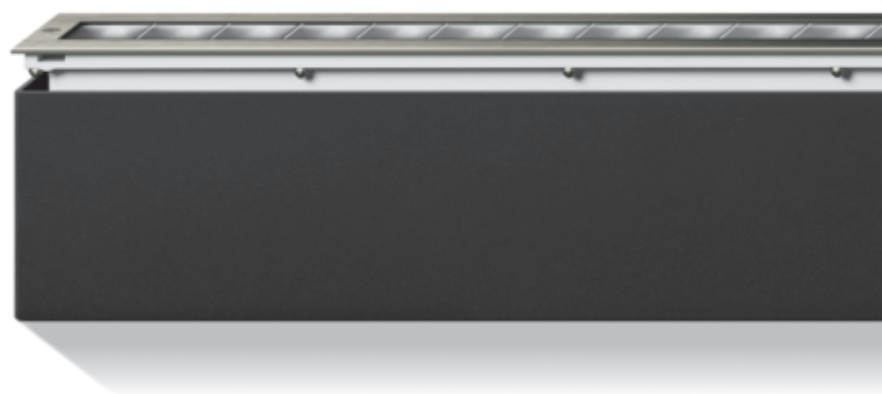
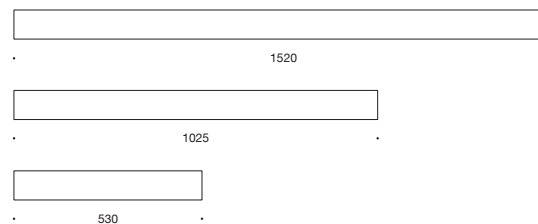
LED location luminaires								
	LED	PSU	EEC		A	B	C	AC/DC
84 156	18.5 W	1010 lm	DALI	A++	530×82	78	130	✓
84 157	36.0 W	2035 lm	DALI	A++	1025×82	78	130	✓
84 158	54.0 W	3135 lm	DALI	A++	1520×82	78	130	✓

LED floodlights · Narrow beam light distribution									
	LED	PSU	EEC	β	A	B	C	AC/DC	
84 159	18.5 W	1225 lm	DALI	A++	34°	530×82	78	130	✓
84 160	36.0 W	2180 lm	DALI	A++	34°	1025×82	78	130	✓
84 161	54.0 W	3415 lm	DALI	A++	34°	1520×82	78	130	✓

LED floodlights · Wide beam light distribution									
	LED	PSU	EEC	β	A	B	C	AC/DC	
84 165	18.5 W	1885 lm	DALI	A++	55°	530×82	78	130	✓
84 166	36.0 W	3665 lm	DALI	A++	55°	1025×82	78	130	✓
84 167	54.0 W	5745 lm	DALI	A++	55°	1520×82	78	130	✓

LED floodlights · Asymmetrical light distribution									
	LED	PSU	EEC	β	A	B	C	AC/DC	
84 162	18.5 W	1615 lm	DALI	A++	46/53°	530×82	78	130	✓
84 163	36.0 W	3245 lm	DALI	A++	46/53°	1025×82	78	130	✓
84 164	54.0 W	4925 lm	DALI	A++	46/53°	1520×82	78	130	✓

β = Half beam angle





Drive-over LED in-ground luminaires

With small dimensions for illuminating ground surfaces

In-ground luminaires with small dimensions for illuminating ground surfaces both indoors and out. Optionally available with one or four light sectors for different lighting situations. Before the luminaires are installed, the customer must lay a foundation that will absorb the pressure load of the luminaires.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

BEGA Thermal Management®

Luminaire cover made of cast aluminium

Luminaire housing made of cast stainless steel and stainless steel · Silicate glass

Water stop · Connecting cable

On/Off power supply unit

20 years' availability guarantee for LED modules

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

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

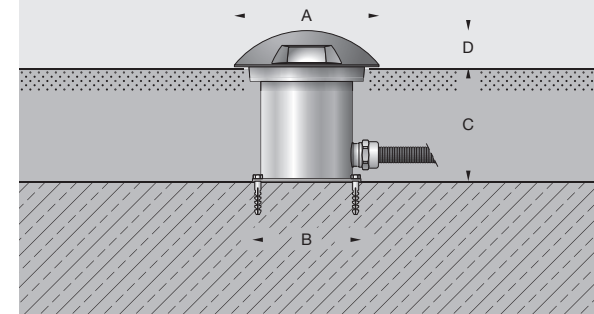
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

■ Luminaire colour graphite



Drive-over LED 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



1 light sector · 60°

	LED	PSU	EEC	A	B	C	D	AC/DC
88 671	2.2 W	25 lm	On/Off	A++	120	90°	95	30 ✓



1 light sector · 180°

	LED	PSU	EEC	A	B	C	D	AC/DC
88 673	4.3 W	65 lm	On/Off	A++	120	90°	95	30 ✓



4 light sectors, each 60°

	LED	PSU	EEC	A	B	C	D	AC/DC
88 675	6.0 W	90 lm	On/Off	A++	120	90°	95	30 ✓





Drive-over LED in-ground luminaires

For installation situations with high pressure loads to illuminate ground surfaces

In-ground luminaires for illuminating ground surfaces both indoors and out. Optionally available with one or four light sectors or unshielded with guard for different lighting situations. This new luminaire series continues a line that we have been producing for more than 30 years. Know-how, experience and a constant willingness to learn define our daily approach to the development of new products. Newly constructing these luminaires is also the result of our ongoing research, thorough tests and implementation of the best materials and technologies for this field.

Like the previous luminaires, these luminaires are intended for areas involving heavy stress, sitting on a foundation with their recessed housing made of highly resistant cast aluminium, and can take on a high pressure load of 4000 kg. Before the luminaires are installed, the customer must lay a foundation, including drainage, to absorb the pressure load of the luminaires. The luminaires can be driven over by vehicles with pneumatic tyres.

Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

BEGA Thermal Management®

Highly corrosion-resistant cast aluminium · Glass fibre reinforced synthetic material

BEGA Tricoat® coating technology

Reflector made of pure anodised aluminium · Optical silicone lens · BEGA Hybrid Optics®

Borosilicate glass · 84 272 Crystal glass, inside white

Water stop · Connecting cable

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

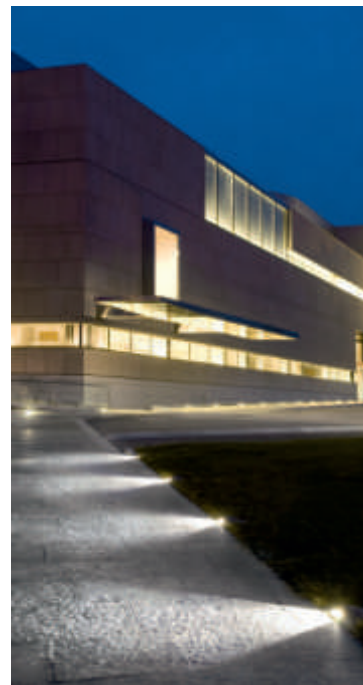
For the technical data of DALI system components, see Pages 538 to 542.

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

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

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®.

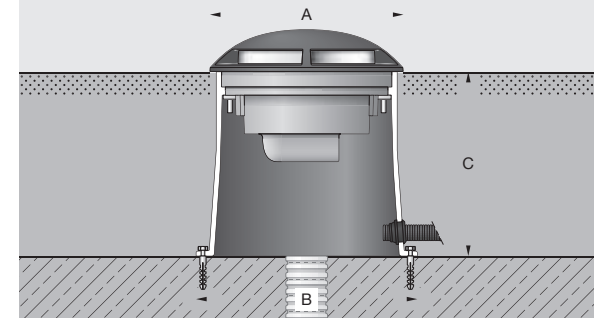
■ Luminaire colour graphite





Drive-over LED in-ground luminaires
For installation situations with high pressure loads to illuminate ground surfaces

Pressure load	4000 kg
Material	Cast aluminium · Synthetic material
Protection class	IP 67
Installation depth	230 mm
Size Ø	240 mm



1 light sector · 60°

	LED	PSU	EEC	A	B	C	D	AC/DC
84 268	9.2 W 130 lm	DALI	A++	240	275	230	50	✓



1 light sector · 180°

	LED	PSU	EEC	A	B	C	D	AC/DC
84 269	13.8 W 350 lm	DALI	A++	240	275	230	50	✓



4 light sectors, each 60°

	LED	PSU	EEC	A	B	C	D	AC/DC
84 271	23.0 W 550 lm	DALI	A++	240	275	230	50	✓



Unshielded with guard

	LED	PSU	EEC	A	B	C	D	AC/DC
84 272	5.0 W 150 lm	On/Off	A++	240	275	230	50	✓





Drive-over LED on-ground luminaires

For installation on ground level to illuminate ground surfaces

The construction principle of these luminaires provides a solution for numerous lighting applications on flat ground surfaces. The significantly lower installation costs compared to recessed luminaires and the different installation variants reduce installation costs and offer a high degree of flexibility. The luminaires are simply fixed to the substrate with a mounting plate. Just one core hole needs to be drilled by the customer for the cable to pass through.

The luminaires can thus be installed in loose substrates such as sand or gravel. To meet the different requirements at the installation site, we offer a connection housing or anchorage unit as an accessory that can be ordered separately. For the technical data of connection housings, see Page 552, and for anchorage units, see Page 553.

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.

Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase. There you will also find information on additional accessories and their technical data.

BEGA Thermal Management®

Cast aluminium and stainless steel · Borosilicate glass

Reflector made of pure anodised aluminium

Water stop · Connecting cable

Luminaires without power supply unit or with On/Off power supply unit

20 years' availability guarantee for LED modules

A separate 24 V DC power supply unit is required to operate luminaires 77 069 · 77 070.

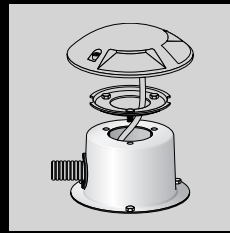
For technical data, see Page 537.

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

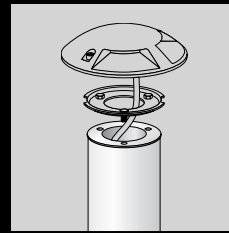
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

■ Luminaire colour graphite





Connection housing

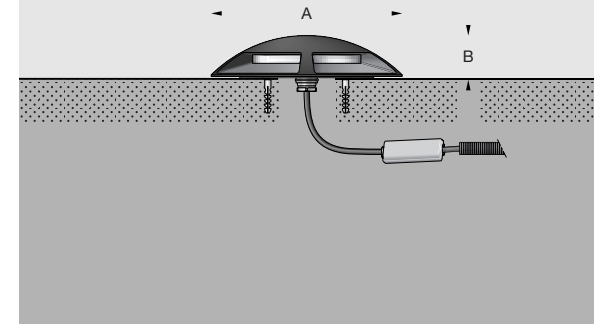


Anchorage unit

To meet the different requirements at the installation site, we offer an anchorage unit or connection housing as an accessory. The luminaires can thus be installed in loose substrates such as sand or gravel.

Drive-over LED on-ground luminaires
For installation on ground level
to illuminate ground surfaces

Pressure load	1000 kg
Material	Stainless steel · Cast aluminium
Protection class	IP 67
Size Ø	160 · 270 mm



1 light sector · 180°

	LED	PSU	SC	EEC	A	B	AC/DC
77 069	1.3 W 20 lm	Without* · 24V DC	III	A++	160	40	—
77 089	7.0 W 175 lm	On/Off	I	A++	270	55	✓

Accessories

Connection housing	Anch. unit
70 751	70 894
70 753	70 896



1 light sector · 360°

	LED	PSU	SC	EEC	A	B	AC/DC
77 070	2.6 W 30 lm	Without* · 24V DC	III	A++	160	40	—
77 090	13.4 W 265 lm	On/Off	I	A++	270	55	✓

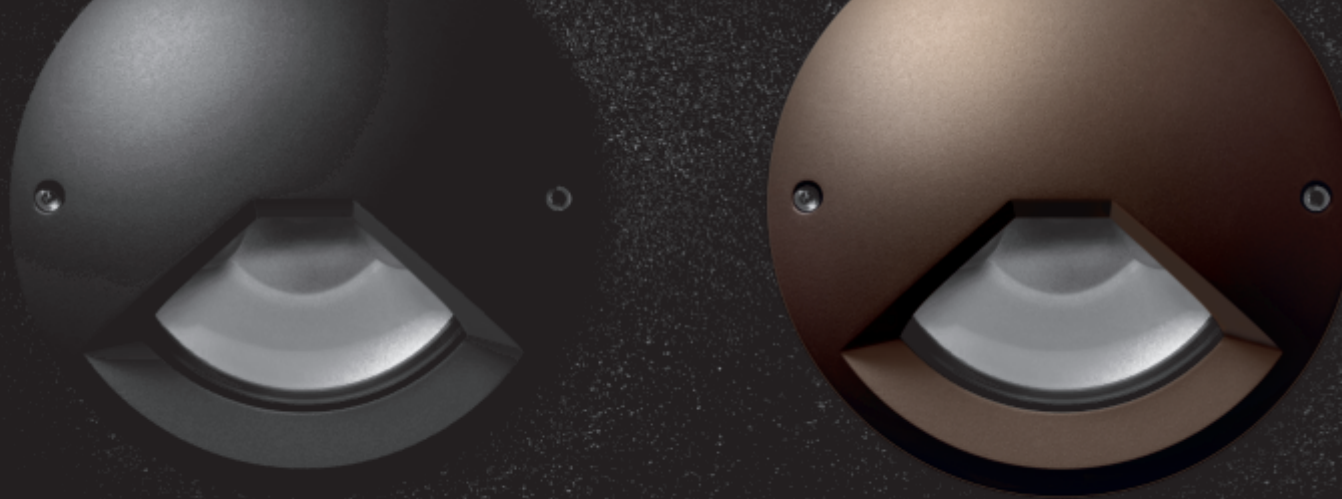
Accessories

Connection housing	Anch. unit
70 751	70 894
70 753	70 896

*You can find suitable power supply units on Page 537.

SC= Safety class





Drive-over LED in-ground luminaires · Wall washers

With a shallow installation depth for illuminating vertical surfaces

The design of these in-ground floodlights makes it possible to fully illuminate a vertical surface, e.g. a façade, from the ground up to the lower edge of the roof.

The lower limit of the light distribution is a straight line, without the usual "light cone".

The luminaires are mounted in a recessed housing on a foundation that absorbs the pressure loads.

The foundation, including drainage, must be laid by the customer before installation.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase.

BEGA Thermal Management®

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

Water stop · Connecting cable

DALI controllable

20 years' availability guarantee for LED modules

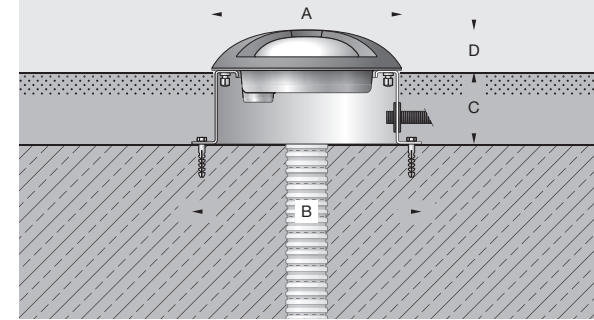
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

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®.



Drive-over in-ground luminaires
**With a shallow installation depth for
 illuminating vertical surfaces**

Pressure load	1000 kg
Material	Cast aluminium or cast bronze
Protection class	IP 67
Installation depth	110 mm
Size Ø	285 mm



LED in-ground luminaires · **Wall washers** · Cover made of **cast aluminium**

	LED	PSU	EEC	A	B	C	D
84 618	27.4 W	2335 lm	DALI	A++	Ø 285	345	110 60

LED in-ground luminaires · **Wall washers** · Cover made of **cast bronze**

	LED	PSU	EEC	A	B	C	D
84 175	27.4 W	2335 lm	DALI	A++	Ø 285	345	110 60

The following table serves as a project planning aid. The arrangement of the luminaires can be derived from the size of the object to be illuminated and the required degree of illuminance.

Project planning aid				A	H	B	Ē	E _{min}
84 618	LED	27.4 W		1.5m	4.0m	3.0m	127 lx	21.0 lx
				2.0m	6.0m	4.5m	56 lx	10.5 lx
				3.0m	8.0m	6.0m	32 lx	6.0 lx

A – Distance of the luminaires to the façade H – Height of the façade B – Distance between the luminaires
 Ē – Average degree of illuminance on the façade E_{min} – Minimum degree of illuminance





LED on-ground luminaires · Wall washers

For installation on ground level to illuminate vertical surfaces

The design of this on-ground floodlight makes it possible to almost fully illuminate a vertical surface, e.g. a façade, from the ground level to the lower edge of the roof. 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 fixed to the substrate with a mounting plate. Just one core hole needs to be drilled by the customer for the cable to pass through.

The luminaires can thus be installed in loose substrates such as sand or gravel.

To meet the different requirements at the installation site, we offer a connection housing or anchorage unit as an accessory that can be ordered separately. For the technical data of connection housings, see Page 552, and for anchorage units, see Page 553.

BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Installation housing made of aluminium

Safety glass · Reflector made of pure anodised aluminium

Water stop · Connecting cable

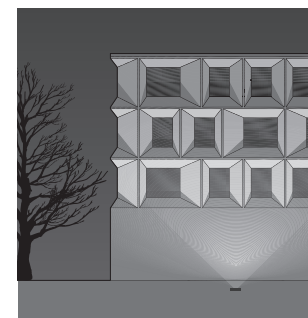
DALI controllable

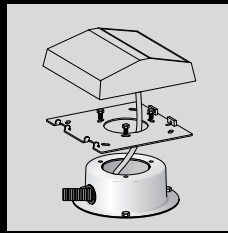
20 years' availability guarantee for LED modules

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

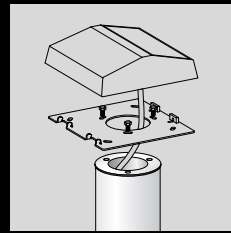
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

■ Luminaire colour graphite





Connection housing

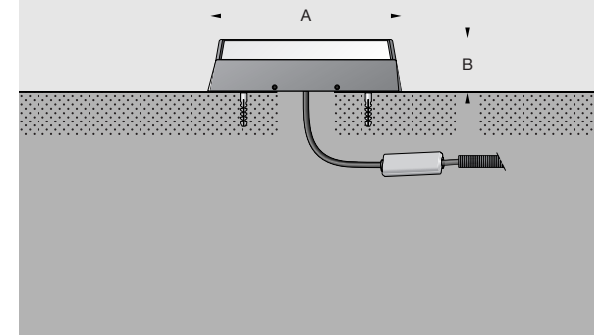


Anchorage unit

To meet the different requirements at the installation site, we offer a connection housing or anchorage unit as an accessory. The luminaires can thus be installed in loose substrates such as sand or gravel.

LED on-ground luminaires
For installation on ground level
to illuminate vertical surfaces

Material	Cast aluminium · Stainless steel
Protection class	IP 67
Size	260 x 250 mm
Height	75 mm



LED on-ground luminaire · Wall washer

	LED	PSU	EEC	A	B	AC/DC
84 174	33.2W 3970 lm	DALI	A++	260 x 250	75	✓

Accessories

Connection housing	Anch. unit
70 753	70 896

The following table serves as a project planning aid. The arrangement of the luminaires can be derived from the size of the object to be illuminated and the required degree of illuminance.

Project planning aid		A	H	B	\bar{E}	E_{min}
		1.5m	6.0m	4.5m	11.7 lx	20.0 lx
84 174	LED 33.2W	2.0m	8.0m	6.0m	66 lx	11.4 lx
		3.0m	12.0m	9.0m	29 lx	5.0 lx

A – Distance of the luminaires to the façade H – Height of the façade B – Distance between the luminaires
 \bar{E} – Average degree of illuminance on the façade E_{min} – Minimum degree of illuminance





LED on-ground luminaires

Light emission 180° or 360°

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous exterior installations worldwide. We have developed these luminaires further and perfectly adapted their structure and design to our LED technology. On-ground luminaires with high luminous efficiency that are particularly well suited for wide-area illumination of paths from a very low mounting height. Luminaires for visual guidance in private and public areas.

The luminaires can be installed in loose substrates such as sand or gravel.

To meet the different requirements at the installation site, we offer a connection housing or anchorage unit as an accessory that can be ordered separately. For the technical data of connection housings, see Page 552, and for anchorage units, see Page 553.

Protection class IP 67 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Crystal glass

Reflector made of pure anodised aluminium · Optical silicone lens · BEGA Hybrid Optics®

Water stop · Connecting cable

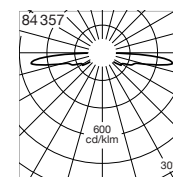
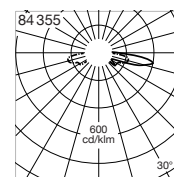
DALI controllable · 20 years' availability guarantee for LED module

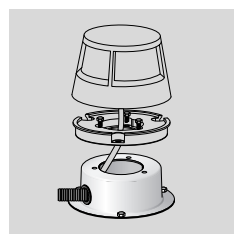
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

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®.

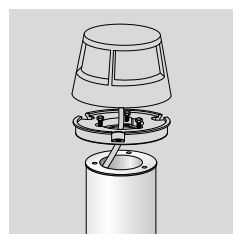
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**





Connection housing

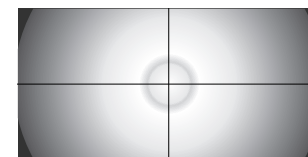


Anchorage unit

To meet the different requirements at the installation site, we offer a connection housing or anchorage unit as an accessory. The luminaires can thus be installed in loose substrates such as sand or gravel.



180°



360°



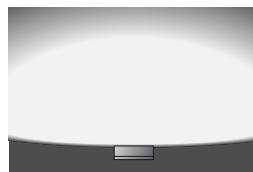
LED on-ground luminaire · 180° light emission								Connection housing	Anch. unit
	LED	PSU	EEC	A	B	AC/DC			
84 355	13.6 W	575 lm	DALI	A++	210	150	✓	70 753	70 896

LED on-ground luminaire · 360° light emission								Connection housing	Anch. unit
	LED	PSU	EEC	A	B	AC/DC			
84 357	22.7 W	1440 lm	DALI	A++	210	150	✓	70 753	70 896





For matching wall luminaires, see Page 60.



Asymmetrical flat beam light distribution



LED on-ground luminaire · Surface washer

Asymmetrical flat beam light distribution

LED on-ground luminaire for light from a very low mounting height. The asymmetrical flat beam light distribution is suitable for glare-free illumination of ground surfaces even far ahead of where the luminaire is installed. Luminaires for providing spatial illumination of driveways and wide footpaths or for illuminating the borders of square-like areas. These luminaires are characterised by a robust design made of cast aluminium and by cost-effective and durable LED technology.

BEGA on-ground luminaires are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

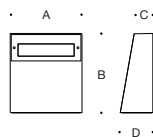
Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Reflector made of pure anodised aluminium
 DALI controllable · 20 years' availability guarantee for LED module

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

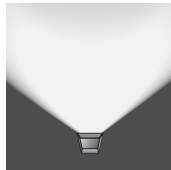
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour optionally graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED on-ground luminaire · Asymmetrical flat beam light distribution										
	LED	PSU	EEC	A	B	C	D	AC/DC	Anch. unit	
84081	14.5 W	845 lm	DALI	A++	340	375	90	155	✓	71 890



Asymmetrical light distribution

LED on-ground luminaires

Asymmetrical light distribution

Compact LED on-ground luminaires for light from a very low mounting height. The asymmetrical light distribution is suitable for glare-free illumination of ground surfaces in front of the point of installation of the luminaire. Luminaires for illuminating driveways and footpaths, for marking ground surfaces and for visual guidance in private and public areas. These luminaires are characterised by a robust design made of cast aluminium and by cost-effective and durable LED technology.

BEGA on-ground luminaire are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

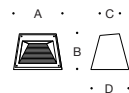
Protection class IP 67 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Reflector made of pure anodised aluminium
 DALI controllable · 20 years' availability guarantee for LED module

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

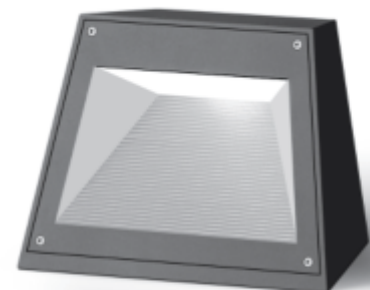
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour optionally graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



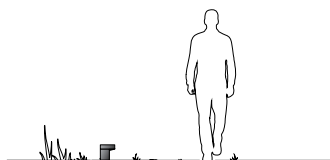
LED on-ground luminaires · Asymmetrical light distribution										
	LED		PSU	EEC	A	B	C	D	AC/DC	Anch. unit
77 791	11.2 W	340 lm	DALI	A++	230	170	90	180	✓	70 894
84 815	19.5 W	710 lm	DALI	A++	230	170	90	180	✓	70 894





Flat beam light distribution

LED on-ground luminaire



Compact LED on-ground luminaire for the glare-free illumination of ground surfaces from a low mounting height – close to the installation site. The luminaires have a flat beam light distribution.

The luminaires are suitable in particular for the illumination of paths and entrance areas or for illuminating the borders of square-like areas.

These luminaires are characterised by a robust design made of cast aluminium and by cost-effective and durable LED technology.

BEGA on-ground luminaires are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Crystal glass

On/Off power supply unit

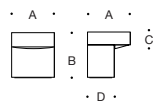
20 years' availability guarantee for LED modules

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

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®.

Luminaire colour optionally graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

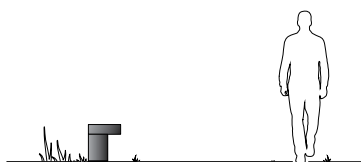


LED on-ground luminaire · Flat beam light distribution

	LED	PSU	EEC	A	B	C	D	AC/DC	Anch. unit	
77 735	11.0 W	470 lm	On/Off	A++	200	210	60	125	✓	70 894



LED light design element



Light design elements for structuring and dividing up surfaces and squares. Robust luminaires which illuminate the ground surfaces directly in front of their installation site with a flat beam light distribution. Luminaires that also invite you to sit down, rest and relax – by day and by night. The distinction between paths and squares is often effected by using different materials, colours, paving dimensions and joint patterns. BEGA light design elements enable a new additional dimension for the demanding design of open areas. Brilliant and robust design elements made of cast aluminium for the glare-free illumination of ground surfaces from a low mounting height.

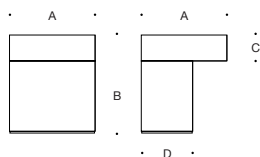
Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Reflector made of pure anodised aluminium
 DALI controllable · 20 years' availability guarantee for LED module
 With mounting plate made of hot-dip galvanised steel for bolting onto a foundation.

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

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED light design element · Flat beam light distribution

	LED	PSU	EEC	A	B	C	D	AC/DC	
77 754	14.6 W	885 lm	DALI	A++	400×400	460	120	240	✓



Flat beam light distribution





LED light design elements

Unshielded or shielded light

Light design elements for structuring and dividing up surfaces and squares in private as well as in public areas. The distinction between paths and squares is often effected by using different materials, colours, paving dimensions and joint patterns. BEGA light design elements enable a new additional dimension for the demanding design of open areas. Brilliant and robust design elements made of cast aluminium for the glare-free illumination of ground surfaces from a low mounting height.

Impressive light design elements that also invite you to sit down, rest and relax – by day and by night.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

77764 Synthetic cover · 77744 · 77786 Internal crystal glass

DALI controllable

20 years' availability guarantee for LED modules

With mounting plate made of hot-dip galvanised steel for bolting onto a foundation.

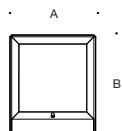
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

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®.

Luminaire colour graphite or silver

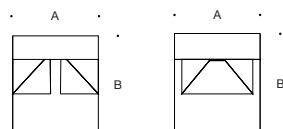
■ Graphite – article number · ■ Silver – article number + **A**





Unshielded LED light design element - Fig. left

		LED	PSU	EEC	A	B	AC/DC
77 764	Square	21.3 W	860 lm	DALI	A+	400 460	✓



Shielded LED light design elements - Fig. right

		LED	PSU	EEC	A	B	AC/DC
77 744	Round	18.2W	770 lm	DALI	A++	400 450	✓
77 786	Square	18.2W	760 lm	DALI	A++	400 460	✓





LED light design elements

Light design elements for structuring and dividing up surfaces and squares in private as well as in public areas. The distinction between paths and squares is often effected by using different materials, colours, paving dimensions and joint patterns. BEGA light design elements enable a new additional dimension for the demanding design of open areas.

Brilliant and robust design elements made of aluminium for the glare-free illumination of ground surfaces from a low mounting height.

Impressive light design elements that also invite you to sit down, rest and relax – by day and by night.

BEGA light design elements are optionally available in a painted version made of aluminium and cast aluminium or with an additional real wood seating surface made of Kebony.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

84 236 · 84 237 with real wood seating surface made of Kebony

DALI controllable

20 years' availability guarantee for LED modules

With 2 mounting plates for bolting onto a foundation.

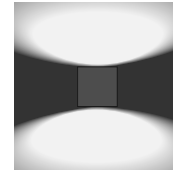
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

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®.

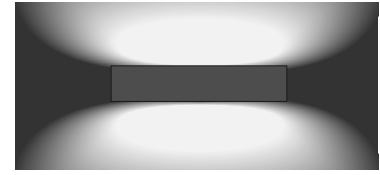
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

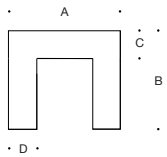




77 731 · 84 237



77 730 · 84 236

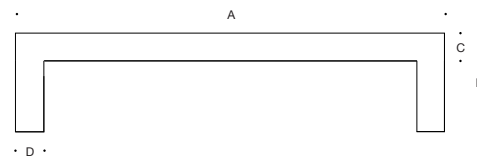


LED light design element · "Stool"

	LED	PSU	EEC	A	B	C	D	AC/DC	
77 731	7.5 W	525 lm	DALI	A++	500×400	460	120	120	✓

LED light design element · "Stool" · With real wood seating surface made of Kebony

	LED	PSU	EEC	A	B	C	D	AC/DC	
84 237	7.5 W	525 lm	DALI	A++	500×400	490	150	120	✓



LED light design element · "Bench"

	LED	PSU	EEC	A	B	C	D	AC/DC	
77 730	15.0 W	1055 lm	DALI	A++	1800×400	460	120	120	✓

LED light design element · "Bench" · With real wood seating surface made of Kebony

	LED	PSU	EEC	A	B	C	D	AC/DC	
84 236	15.0 W	1055 lm	DALI	A++	1800×400	490	150	120	✓



BEGA LED system bollards

BEGA LED system bollards are a modular system that allows the combination of luminaire heads and bollard tubes with various additional functions.

Often it is desirable for a lighting system to have luminaires of the same type and lighting technology, but with different heights or diameters. For such applications, auxiliary components can be a sensible addition: built-in LED floodlights, emergency lighting batteries, motion and light sensors, control modules, drive-through protection – BEGA Vehicle Blocker[®], lockable outlets and charging module inserts for electric vehicles. Separate additional installations are not needed, thus lowering the costs.

Simply order the bollard head and also the required bollard tube. The two modules can be connected quickly and easily to each other during installation.

A summary of the system components on Pages 290 and 291 provides a compact overview of the various combination options. All BEGA LED system bollards can be found on Pages 292 to 313.



Page 292



Page 294



Page 296



Page 298



Page 300



Page 302



Page 304



Page 308



Page 310

BEGA LED system bollards · Overview








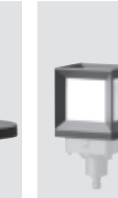
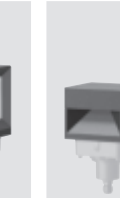
Bollards are often required to perform extra functions in addition to their actual illumination task. Integrated motion and light sensors, emergency lighting batteries, integral electrical connection options and BEGA Vehicle Blockers® are just a few examples.




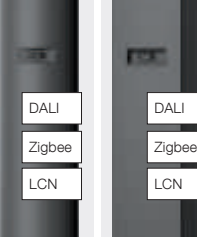

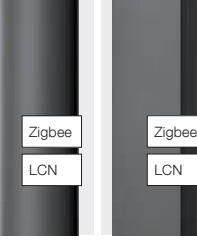

BEGA LED system bollards enable a bollard head to be combined with a bollard tube with additional functions. When planning your lighting system, first select a bollard head with the desired light distribution. You can choose a matching bollard tube for the additional functions.

The overview on this double page provides a compact summary of the possibilities for combining the various bollard heads with the bollard tubes and their additional functions.

For each bollard head you can find matching bollard tubes with and without components on Page 291. Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase.

Bollard tubes with safety sockets have a type F socket (German/European system) as standard. On request, the bollard tubes are also available with other socket types at the catalogue price. For the technical data of socket types, see Page 548.

BEGA bollard heads																		
Catalogue page		292	294			296		298	300		302		304	308		310		
BEGA bollard tubes Ø · □ in mm		Ø140	Ø190	Ø140	Ø190	Ø265	Ø140	Ø190	Ø190	Ø140	Ø190	Ø190	Ø265	Ø190	□160	□220	□160	□220
A	Without components in two heights	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
B	With LED floodlight		•		•		•		•	•	•		•		•			•
C	With PIR motion and light sensor	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
D	With PIR motion and light sensor DALI · Zigbee · LCN		•		•	•		•		•	•	•		•	•	•	•	•
E	With Zigbee · LCN control module		•		•	•		•		•	•	•		•	•	•	•	•
F	With a single emergency lighting battery		•		•	•		•		•	•	•		•	•	•	•	•
G	With drive-through protection up to 7.5t BEGA Vehicle Blocker®					•						•			•			•
H	With 2 safety sockets behind a lockable door		•		•	•		•		•	•	•		•	•			•
I	With a lockable door with or without installation inserts					•					•							
J	With charging module insert for electric cars (type 2) behind a lockable door					•					•							
K	With one integral safety socket	•	•	•	•		•	•	•	•			•	•			•	
L	As a closing head for bollard tubes without illumination function	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

A	<p>Bollard tubes without components</p> <p>Bollard tubes without any additional components form the basic tubes of the LED system bollards.</p>		<p>BEGA Vehicle Blocker® Bollard tubes as drive-through protection*</p> <p>Concrete-casting bollard tubes for foundations to be provided by the customer. Verified foundation plans will be provided upon receipt of your order.</p> <ul style="list-style-type: none"> • Round bollard tubes: drive-through protection up to 7.5t · 50 km/h • Square bollard tubes: drive-through protection up to 1.5t · 50 km/h 	
B	<p>Bollard tubes with LED floodlight</p> <p>Bollard tubes with integral LED floodlight. The floodlight has an adjustable inclination angle of $\pm 30^\circ$, can be rotated by 360° and adds an extra function to a system bollard so that it can illuminate architectural details, trees or plants.</p> <p>LED colour temperature: 3000 K – article number + K3 or 4000 K – article number + K4</p>		<p>Bollard tubes with two safety sockets behind a lockable door</p> <p>Bollard tubes with two integral 250 V type F (German/European system) safety sockets and RCD behind a lockable door</p>	
C	<p>Bollard tubes with PIR motion and light sensor</p> <p>Bollard tubes with an integral passive infrared motion and light sensor respond to thermal radiation in the dark. Other luminaires can be operated directly.</p>		<p>Bollard tubes with a lockable door with or without installation inserts</p> <p>Bollard tubes with a connection compartment with three integral 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, as well as a lockable door. Also optionally available without installation inserts</p>	
D	<p>Bollard tubes with PIR motion and light sensor DALI · Zigbee · LCN</p> <p>Bollard tubes with a passive infrared motion and light sensor respond to thermal radiation in the dark. Other luminaires can be controlled using a Zigbee network or a DALI or LCN bus. A DALI power supply is required to control an independent DALI line.</p>		<p>Bollard tubes with charging module insert for electric cars (type 2) behind a lockable door</p> <p>Bollard tubes with charging module insert for electric cars (type 2) for charging outputs of 11 kW and 22 kW</p>	
E	<p>Bollard tubes with Zigbee · LCN control module</p> <p>Bollard tubes with an integral Zigbee or LCN control module can be controlled using a Zigbee network or an LCN bus.</p>		<p>Bollard tubes with one integral safety socket</p> <p>Bollard tubes with one easily accessible integral 250 V safety socket, type F (German/European system). Cover made of cast aluminium</p>	
F	<p>Bollard tubes with single emergency lighting battery</p> <p>Bollard tubes with an integral emergency lighting battery insert with self-test function for three hours of emergency lighting</p>		<p>Closing heads for bollard tubes</p> <p>Closing heads allow the use of a bollard tube without illumination function, e.g. as a blocking bollard with drive-through protection – BEGA Vehicle Blocker®.</p>	

*For illustration purposes, the bollard tube with drive-through protection shows the internal concrete core.



LED system bollards
Unshielded · Light emission 360°

LED system bollards are a modular range of LED luminaires.

Simply order the bollard head and also the required bollard tube. The two modules can be connected quickly and easily to each other during installation.

You can find an overview of the bollard tubes that can be used with this bollard head at the top of the next page. For the technical data of all round bollard tubes, see Page 306.

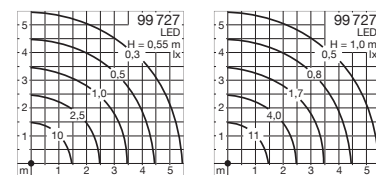
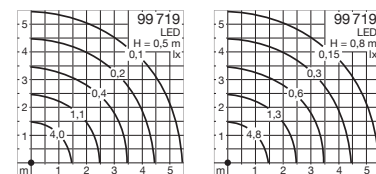
Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Synthetic cylinder, white
 Luminaires with On/Off power supply unit or DALI controllable power supply unit
 20 years' availability guarantee for LED modules

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

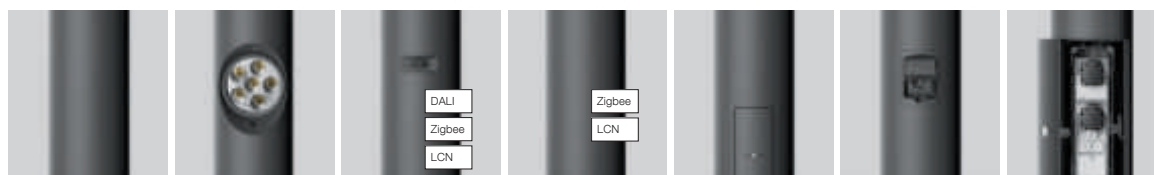
BEGA LED system bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. The mounting system can be used to align the luminaire. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

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®.

Luminaire colour graphite or silver
 ■ Graphite – article number · ■ Silver – article number + **A**



For matching bollard tubes, see Page 306.



Without components

With LED floodlight

With PIR motion and light sensor

With Zigbee - LCN control module

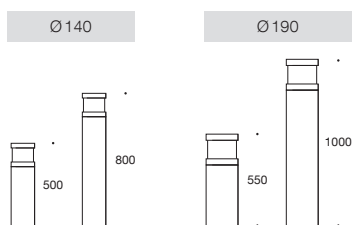
With a single emergency lighting battery

With one safety socket

With two internal safety sockets



Closing head w/o illumination function



LED system bollard heads · Light emission 360°

	LED	PSU	EEC	Ø	H	AC/DC
99 719	7.1 W 315 lm	On/Off	A++	140	140	✓
99 727	20.0 W 935 lm	DALI	A++	190	185	✓





LED system bollards

Unshielded with safety guard · Light emission **180°** or **360°**

LED system bollards are a modular range of LED luminaires.

Simply order the bollard head and also the required bollard tube. The two modules can be connected quickly and easily to each other during installation.

You can find an overview of the bollard tubes that can be used with this bollard head at the top of the next page. For the technical data of all round bollard tubes, see Page 306.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Crystal glass, inside white
Luminaires with On/Off power supply unit or DALI controllable power supply unit
20 years' availability guarantee for LED modules

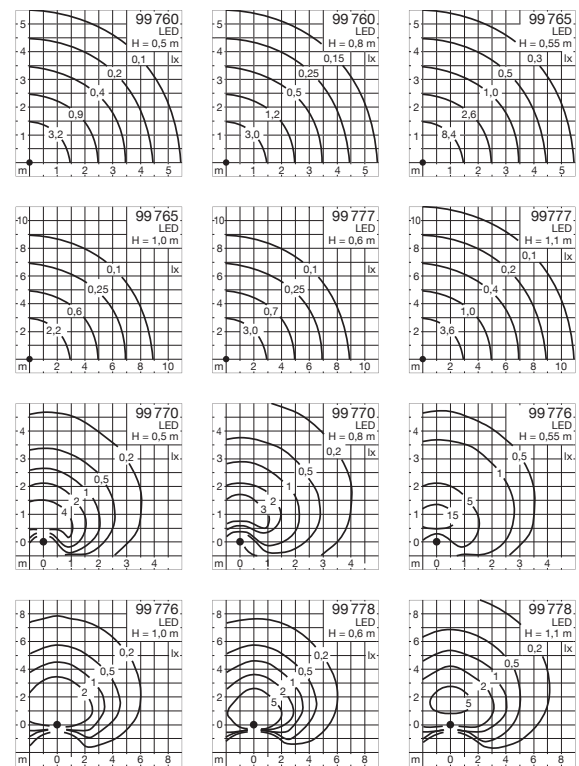
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

BEGA LED system bollards 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 technical data, see Page 553.

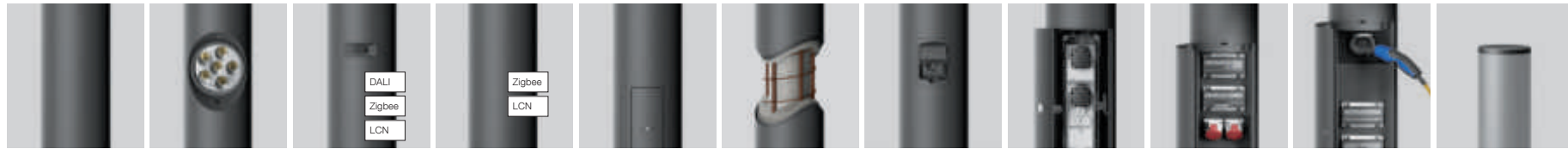
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver



■ Graphite – article number · ■ Silver – article number + **A**



For matching bollard tubes, see Page 306.



Without components With LED floodlight With PIR motion and light sensor With Zigbee · LCN control module With a single emergency lighting battery With drive-through protection up to 7.5 t With one safety socket With two internal safety sockets With a lockable door with or without installation inserts With charging module insert for electric cars Closing head w/o illumination function

	Ø 140		Ø 190		Ø 265	
	500	800	550	1000	600	1100 1375
	LED system bollard heads · Light emission 360°					
	LED	PSU	EEC	Ø	H	AC/DC
	99 760	7.1 W 205 lm	On/Off	A++	140 140	✓
	99 765	20.0 W 565 lm	DALI	A++	190 185	✓
	99 777	33.0 W 770 lm	DALI	A++	265 225	✓
	LED system bollard heads · Light emission 180°					
	LED	PSU	EEC	Ø	H	AC/DC
	99 770	7.1 W 100 lm	On/Off	A++	140 140	✓
	99 776	20.0 W 310 lm	DALI	A++	190 185	✓
	99 778	33.0 W 400 lm	DALI	A++	265 225	✓





LED system bollards

Shielded with reflector · Light emission **180°** or **360°**

LED system bollards are a modular range of LED luminaires.

Simply order the bollard head and also the required bollard tube. The two modules can be connected quickly and easily to each other during installation.

You can find an overview of the bollard tubes that can be used with this bollard head at the top of the next page. For the technical data of all round bollard tubes, see Page 306.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Borosilicate glass

Reflector made of pure anodised aluminium

Luminaires with On/Off power supply unit or DALI controllable power supply unit

20 years' availability guarantee for LED modules

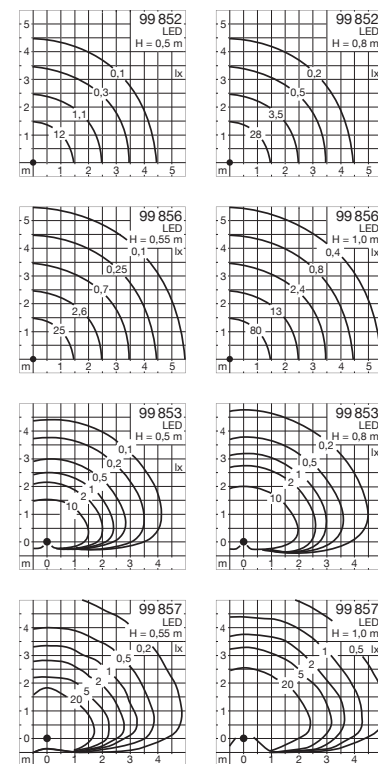
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

BEGA LED system bollards 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 technical data, see Page 553.

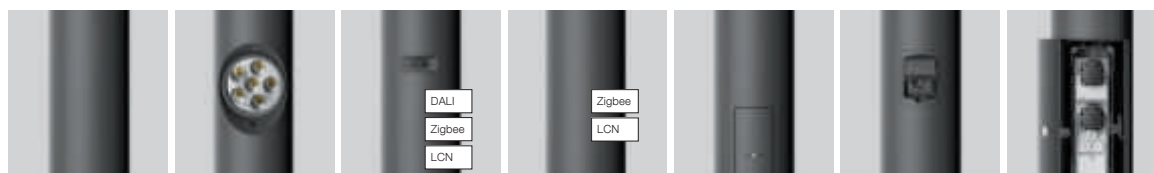
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



For matching bollard tubes, see Page 306.



Without components

With LED floodlight

With PIR motion and light sensor

With Zigbee - LCN control module

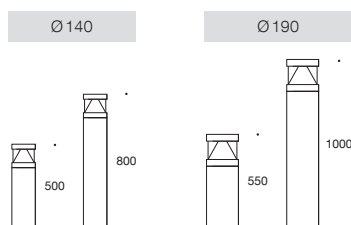
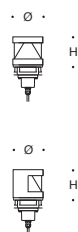
With a single emergency lighting battery

With one safety socket

With two internal safety sockets



Closing head w/o illumination function



LED system bollard heads · Light emission 360°						
	LED	PSU	EEC	∅	H	AC/DC
99 852	7.1 W	665 lm	On/Off	A++	140	140 ✓
99 856	20.0 W	1835 lm	DALI	A++	190	185 ✓

LED system bollard heads · Light emission 180°						
	LED	PSU	EEC	∅	H	AC/DC
99 853	7.1 W	335 lm	On/Off	A++	140	140 ✓
99 857	20.0 W	920 lm	DALI	A++	190	185 ✓





LED system bollard
Shielded · Light emission **360°**

LED system bollards are a modular range of LED luminaires.

Simply order the bollard head and also the required bollard tube. The two modules can be connected quickly and easily to each other during installation.

You can find an overview of the bollard tubes that can be used with this bollard head at the top of the next page. For the technical data of all round bollard tubes, see Page 306.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Crystal glass, clear

Reflector made of pure anodised aluminium

DALI controllable

20 years' availability guarantee for LED modules

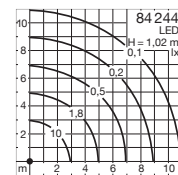
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

BEGA LED system bollards 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 technical data, see Page 553.

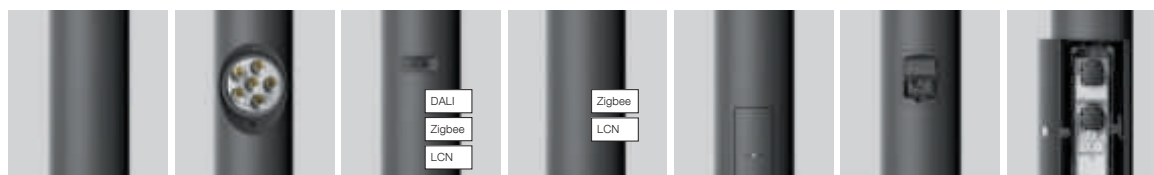
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



For matching bollard tubes, see Page 306.



Without components

With LED floodlight

With PIR motion and light sensor

With Zigbee - LCN control module

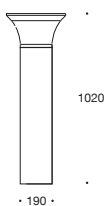
With a single emergency lighting battery

With one safety socket

With two internal safety sockets



Closing head w/o illumination function



LED system bollard head · Light emission 360°						
	LED	PSU	EEC	Ø	H	AC/DC
84 244	19.0 W	1550 lm	DALI	A++	360	205 ✓



LED system bollards

Unshielded with safety guard · Light emission 360°

LED system bollards are a modular range of LED luminaires.

Simply order the bollard head and also the required bollard tube. The two modules can be connected quickly and easily to each other during installation.

You can find an overview of the bollard tubes that can be used with this bollard head at the top of the next page. For the technical data of all round bollard tubes, see Page 306.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Crystal glass, inside white
Luminaires with On/Off power supply unit or DALI controllable power supply unit
20 years' availability guarantee for LED modules

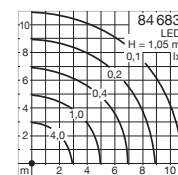
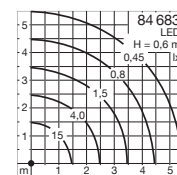
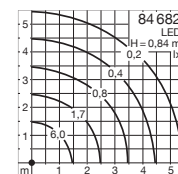
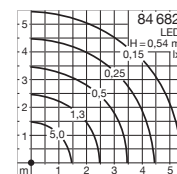
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

BEGA LED system bollards 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 technical data, see Page 553.

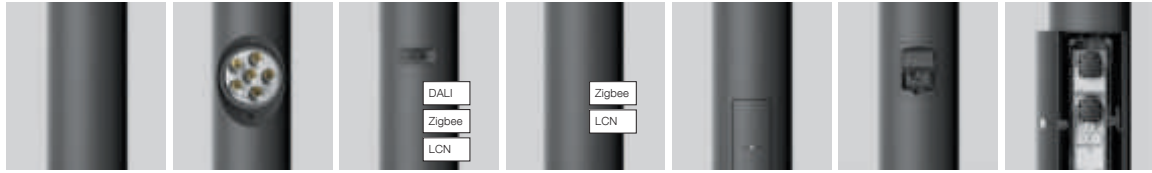
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



For matching bollard tubes, see Page 306.



Without components

With LED floodlight

With PIR motion and
light sensor

With Zigbee · LCN
control module

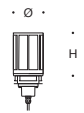
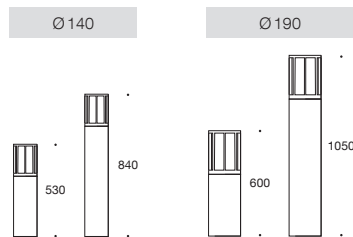
With a single
emergency lighting
battery

With one safety
socket

With two internal
safety sockets



Closing head
w/o illumination
function



LED system bollard heads · Light emission 360°

	LED	PSU	EEC	Ø	H	AC/DC
84 682	7.1 W 450 lm	On/Off	A++	140	180	✓
84 683	20.0 W 1165 lm	DALI	A++	190	230	✓





LED system bollards
Shielded · Light emission **360°**

LED system bollards are a modular range of LED luminaires.

Simply order the bollard head and also the required bollard tube. The two modules can be connected quickly and easily to each other during installation.

You can find an overview of the bollard tubes that can be used with this bollard head at the top of the next page. For the technical data of all round bollard tubes, see Page 306.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Reflector made of pure anodised aluminium
 DALI controllable
 20 years' availability guarantee for LED modules

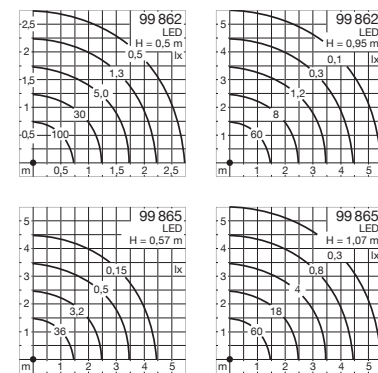
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

BEGA LED system bollards 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 technical data, see Page 553.

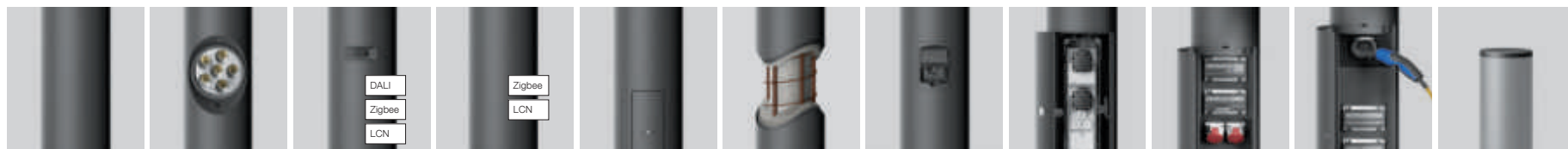
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



For matching bollard tubes, see Page 306.



Without components

With LED floodlight

With PIR motion and light sensor

With Zigbee · LCN control module

With a single emergency lighting battery

With drive-through protection up to 7.5 t

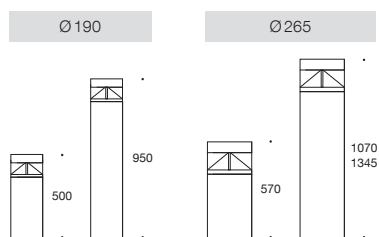
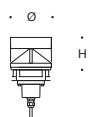
With one safety socket

With two internal safety sockets

With a lockable door with or without installation inserts

With charging module insert for electric cars

Closing head w/o illumination function



LED system bollard heads · Light emission 360°

	LED	PSU	EEC	Ø	H	AC/DC
99 862	20.0 W	1285 lm	DALI	A++	190 135	✓
99 865	33.0 W	1575 lm	DALI	A++	265 195	✓





LED system bollard
Shielded · Light emission **360°**

LED system bollards are a modular range of LED luminaires.

Simply order the bollard head and also the required bollard tube. The two modules can be connected quickly and easily to each other during installation.

You can find an overview of the bollard tubes that can be used with this bollard head at the top of the next page. For the technical data of all round bollard tubes, see Page 306.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass, clear
 Reflector made of pure anodised aluminium
 BEGA Ultimate Driver® · DALI controllable
 20 years' availability guarantee for LED modules

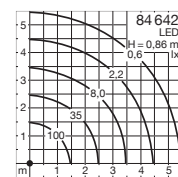
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

BEGA LED system bollards 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 technical data, see Page 553.

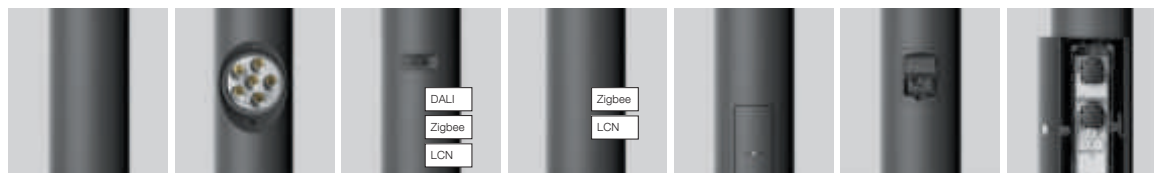
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



For matching bollard tubes, see Page 306.



Without components

With LED floodlight

With PIR motion and light sensor

With Zigbee - LCN control module

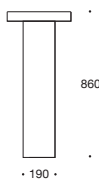
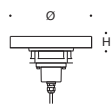
With a single emergency lighting battery

With one safety socket

With two internal safety sockets



Closing head w/o illumination function



LED system bollard head · Light emission 360°						
	LED	PSU	EEC	Ø	H	AC/DC
84 642	36.0 W	4315 lm	DALI	A++	380	45 ✓



BEGA bollard tube · round

As a supplement to BEGA bollard heads

On this page you can find all bollard tubes for the bollard heads on Pages 292 to 305. A brief description on Page 307 gives you a compact overview of the bollard tubes and 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, the bollard tubes are also available with other socket types at the catalogue price. For the technical data of socket types, see Page 549.

Simply order the bollard head and also the required bollard tube. The two modules can be connected quickly and easily to each other during installation.

Protection class IP 65 · Cast aluminium, aluminium and stainless steel
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 bollard tube.
Anchorage units are accessories and must be ordered separately.
For technical data, see Page 553.

Bollard tube colour graphite or silver

■ Graphite – article number · ■ Silver – article number + A

		Bollard tubes		Connection box	Door	H	Anch. unit
Ø 140	A	99 614	Ø 140 Without components · Low	Terminals 3 × 4 [□]	–	350	70 894
		99 620	Ø 140 Without components · High	Terminals 3 × 4 [□]	–	660	70 894
		84 611	Ø 140 With PIR motion and light sensor	71 601	✓	660	70 894
		84 168	Ø 140 With 250 V type F safety socket	70 629	✓	660	70 894
		71 126	Ø 140 Closing head without illumination function	–	–	20	–
Ø 190	A	99 615	Ø 190 Without components · Low	Terminals 3 × 4 [□]	–	365	70 895
		99 622	Ø 190 Without components · High	70 632	✓	815	70 896
		99 644	Ø 190 With LED floodlight 14.0 W · 1015 lm	EEC A++ 70 629	✓	815	70 896
		84 633	Ø 190 With PIR motion and light sensor	71 601	✓	815	70 896
		84 170	Ø 190 With PIR motion and light sensor · DALI	71 601	✓	815	70 896
		84 615	Ø 190 With PIR motion and light sensor · Zigbee	71 601	✓	815	70 896
		84 397	Ø 190 With PIR motion and light sensor · LCN	71 601	✓	815	70 896
		84 640	Ø 190 With control module · Zigbee	71 601	✓	815	70 896
		84 638	Ø 190 With control module · LCN	70 854	✓	815	70 896
		84 634	Ø 190 With single emergency lighting battery 10 W · 3 h	70 871	–	815	70 896
		84 169	Ø 190 With 250 V type F safety socket	70 629	✓	815	70 896
		99 626	Ø 190 With 2 250 V type F safety sockets Behind a lockable door	70 869	✓	815	70 896
		71 127	Ø 190 Closing head without illumination function	–	–	20	–
Ø 265	A	99 619	Ø 265 Without components · Low	Terminals 3 × 4 [□]	–	375	70 896
		99 624	Ø 265 Without components · High	70 632	✓	875	70 896
		84 635	Ø 265 With PIR motion and light sensor	71 601	✓	875	70 896
		84 173	Ø 265 With PIR motion and light sensor · DALI	71 601	✓	875	70 896
		84 616	Ø 265 With PIR motion and light sensor · Zigbee	71 601	✓	875	70 896
		84 398	Ø 265 With PIR motion and light sensor · LCN	71 601	✓	875	70 896
		84 641	Ø 265 With control module · Zigbee	71 601	✓	875	70 896
		84 639	Ø 265 With control module · LCN	70 854	✓	875	70 896
		84 636	Ø 265 With single emergency lighting battery 10 W · 3 h	70 871	–	875	70 896
		84 623	Ø 265 Drive-through protection* up to 7.5 t · 50 km/h · Found. height 800 mm	70 632	–	875	Included
		84 303	Ø 265 Drive-through protection* up to 7.5 t · 50 km/h · Found. height 380 mm	–	–	875	Included
		99 627	Ø 265 With 2 250 V type F safety sockets Behind a lockable door	70 869	✓	875	70 896
		84 095	Ø 265 With 2 CEE sockets 400 V, with 3 CEE sockets 250 V With 3 250 V type F safety sockets, with RCD With 2 automatic cutouts 3-pole With 6 automatic cutouts 1-pole	–	✓	1150	70 896
		84 096	Ø 265 Without installation inserts with 2 fuse boxes, 8-part	–	✓	1150	70 896
		84 097	Ø 265 With charging module insert for electric cars (type 2) max. 22 kW	–	✓	1150	70 896
71 128	Ø 265 Closing head without illumination function	–	–	20	–		

* BEGA Vehicle Blocker®

A	<p>Bollard tubes without components</p> <p>Bollard tubes without any additional components form the basic tubes of the LED system bollards.</p>		G	<p>BEGA Vehicle Blocker® Bollard tubes as drive-through protection*</p> <p>Concrete-casting bollard tubes for foundations to be provided by the customer. Verified foundation plans for different foundation heights and application situations – certified for drive-through protection up to 7.5 t · 50 km/h – will be provided upon receipt of your order.</p>	
B	<p>Bollard tubes with LED floodlight</p> <p>Bollard tubes with integral LED floodlight. The floodlight has an adjustable inclination angle of $\pm 30^\circ$, can be rotated by 360° and adds an extra function to a system bollard so that it can illuminate architectural details, trees or plants.</p> <p>LED colour temperature: 3000K – article number + K3 or 4000K – article number + K4</p>		H	<p>Bollard tubes with two safety sockets behind a lockable door</p> <p>Bollard tubes with two integral 250 V type F (German/European system) safety sockets and RCD behind a lockable door</p>	
C	<p>Bollard tubes with PIR motion and light sensor</p> <p>Bollard tubes with an integral passive infrared motion and light sensor respond to thermal radiation in the dark. Other luminaires can be operated directly.</p>		I	<p>Bollard tubes with a lockable door with or without installation inserts</p> <p>Bollard tubes with a connection compartment with three integral 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, as well as a lockable door. Also optionally available without installation inserts</p>	
D	<p>Bollard tubes with PIR motion and light sensor DALI · Zigbee · LCN</p> <p>Bollard tubes with a passive infrared motion and light sensor respond to thermal radiation in the dark. Other luminaires can be controlled using a Zigbee network or a DALI or LCN bus. A DALI power supply is required to control an independent DALI line.</p>		J	<p>Bollard tubes with charging module insert for electric cars (type 2) behind a lockable door</p> <p>Bollard tubes with charging module insert for electric cars (type 2) for charging outputs of 11 kW and 22 kW.</p>	
E	<p>Bollard tubes with Zigbee · LCN control module</p> <p>Bollard tubes with an integral Zigbee or LCN control module can be controlled using a Zigbee network or an LCN bus.</p>		K	<p>Bollard tubes with one integral safety socket</p> <p>Bollard tubes with one easily accessible integral 250 V safety socket, type F (German/European system). Cover made of cast aluminium</p>	
F	<p>Bollard tubes with single emergency lighting battery</p> <p>Bollard tubes with an integral emergency lighting battery insert with self-test function for three hours of emergency lighting</p>		L	<p>Closing heads for bollard tubes</p> <p>Closing heads allow the use of a bollard tube without illumination function, e.g. as a blocking bollard with drive-through protection – BEGA Vehicle Blocker®.</p>	

*For illustration purposes, the bollard tube with drive-through protection shows the internal concrete core.



LED system bollards

Unshielded with safety guard · Light emission 360°

LED system bollards are a modular range of LED luminaires.

Simply order the bollard head and also the required bollard tube. The two modules can be connected quickly and easily to each other during installation.

You can find an overview of the bollard tubes that can be used with this bollard head at the top of the next page. For the technical data of all square bollard tubes, see Page 312.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Crystal glass, inside white

DALI controllable

20 years' availability guarantee for LED modules

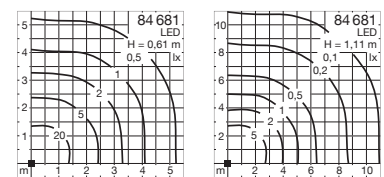
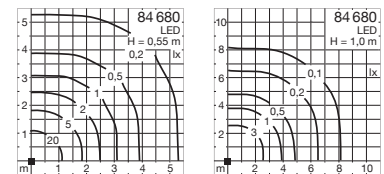
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

BEGA LED system bollards 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 technical data, see Page 553.

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



For matching bollard tubes, see Page 312.



Without components

With LED floodlight

With PIR motion and light sensor

With Zigbee · LCN control modules

With a single emergency lighting battery

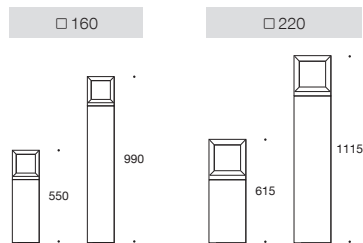
With drive-through protection up to 7.5 t

With one safety socket

With two internal safety sockets



Closing head w/o illumination function



LED system bollard heads · Light emission 360°

	LED	PSU	EEC	□	H	AC/DC
84 680	11.0 W	775 lm	DALI	A++	160 175	✓
84 681	18.7 W	1690 lm	DALI	A++	220 235	✓





LED system bollards
Shielded · Light emission 360°

LED system bollards are a modular range of LED luminaires.

Simply order the bollard head and also the required bollard tube. The two modules can be connected quickly and easily to each other during installation.

You can find an overview of the bollard tubes that can be used with this bollard head at the top of the next page. For the technical data of all square bollard tubes, see Page 312.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Borosilicate glass
 DALI controllable
 20 years' availability guarantee for LED modules

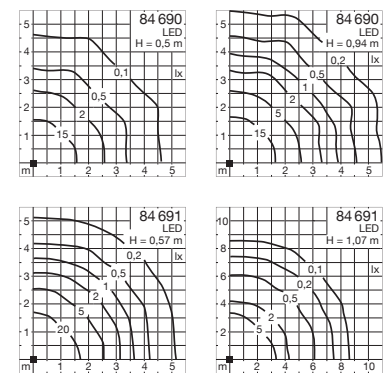
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

BEGA LED system bollards 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 technical data, see Page 553.

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



For matching bollard tubes, see Page 312.



Without components

With LED floodlight

With PIR motion and light sensor

With Zigbee · LCN control modules

With a single emergency lighting battery

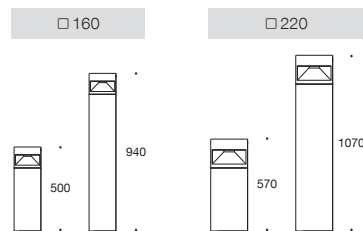
With drive-through protection up to 7.5 t

With one safety socket

With two internal safety sockets



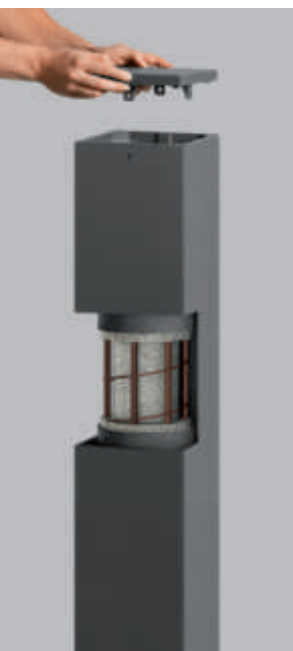
Closing head w/o illumination function



LED system bollard heads · Light emission 360°

	LED	PSU	EEC	□	H	AC/DC
84 690	20.0 W	390 lm	DALI	A++	160 125	✓
84 691	30.0 W	715 lm	DALI	A++	220 190	✓





BEGA bollard tubes · square

As a supplement to BEGA bollard heads

On this page you can find all bollard tubes for the bollard heads on Pages 308 to 311. A brief description on Page 307 gives you a compact overview of the bollard tubes and 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, the bollard tubes are also available with other socket types at the catalogue price. For the technical data of socket types, see Page 549.

Simply order the bollard head and also the required bollard tube. The two modules can be connected quickly and easily to each other during installation.

Protection class IP 65 · Cast aluminium, aluminium and stainless steel
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 bollard tube.
Anchorage units are accessories and must be ordered separately.
For technical data, see Page 553.




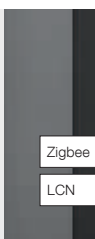
Bollard tube colour graphite or silver

■ Graphite – article number · ■ Silver – article number + A

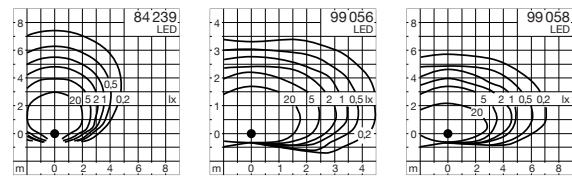
	Bollard tubes			Connection box	Door	H	Anch. unit
□ 160	A	84 000	□ 160 Without components · Low	Terminals 3 × 4 [□]	–	375	70 895
		84 002	□ 160 Without components · High	70 632	–	815	70 895
	C	84 005	□ 160 With PIR motion and light sensor	71 601	✓	815	70 895
	D	84 150	□ 160 With PIR motion and light sensor · DALI	71 601	✓	815	70 895
		84 612	□ 160 With PIR motion and light sensor · Zigbee	71 601	✓	815	70 895
		84 394	□ 160 With PIR motion and light sensor · LCN	71 601	✓	815	70 895
	E	84 022	□ 160 With control module · Zigbee	71 601	✓	815	70 895
		84 020	□ 160 With control module · LCN	70 854	✓	815	70 895
	F	84 006	□ 160 With single emergency lighting battery 10 W · 3 h	70 629	–	815	70 895
	K	84 149	□ 160 With 250 V type F safety socket	70 629	✓	815	70 895
L	71 124	□ 160 Closing head without illumination function	–	–	20	–	

	Bollard tubes			Connection box	Door	H	Anch. unit
□ 220	A	84 001	□ 220 Without components · Low	Terminals 3 × 4 [□]	–	375	70 896
		84 003	□ 220 Without components · High	70 632	✓	875	70 896
	B	84 214	□ 220 With LED floodlight 14.0 W · 1015 lm	EEC A++ 70 629	✓	875	70 896
	C	84 007	□ 220 With PIR motion and light sensor	71 601	✓	875	70 896
	D	84 152	□ 220 With PIR motion and light sensor · DALI	71 601	✓	875	70 896
		84 613	□ 220 With PIR motion and light sensor · Zigbee	71 601	✓	875	70 896
		84 395	□ 220 With PIR motion and light sensor · LCN	71 601	✓	875	70 896
	E	84 023	□ 220 With control module · Zigbee	71 601	✓	875	70 896
		84 021	□ 220 With control module · LCN	70 854	✓	875	70 896
	F	84 008	□ 220 With single emergency lighting battery 10 W · 3 h	70 629	–	875	70 896
	G	84 016	□ 220 Drive-through protection* up to 1.5 t · 50 km/h · Found. height 800 mm	70 632	–	875	Included
	H	84 004	□ 220 With 2 250 V type F safety sockets Behind a lockable door	70 869	✓	875	70 896
	L	71 125	□ 220 Closing head without illumination function	–	–	20	–

* BEGA Vehicle Blocker®

A	<p>Bollard tubes without components</p> <p>Bollard tubes without any additional components form the basic tubes of the LED system bollards.</p>		F	<p>Bollard tubes with single emergency lighting battery</p> <p>Bollard tubes with an integral emergency lighting battery insert with self-test function for three hours of emergency lighting</p>	
B	<p>Bollard tubes with LED floodlight</p> <p>Bollard tubes with integral LED floodlight The floodlight has an adjustable inclination angle of $\pm 30^\circ$, can be rotated by 360° and adds an extra function to a system bollard so that it can illuminate architectural details, trees or plants.</p> <p>LED colour temperature: 3000 K – article number + K3 or 4000 K – article number + K4</p>		G	<p>BEGA Vehicle Blocker® Bollard tubes as drive-through protection*</p> <p>Concrete-casting bollard tubes for foundations to be provided by the customer. Verified foundation plans – certified for drive-through protection up to 1.5 t · 50 km/h – will be provided upon receipt of your order.</p>	
C	<p>Bollard tubes with PIR motion and light sensor</p> <p>Bollard tubes with an integral passive infrared motion and light sensor respond to thermal radiation in the dark. Other luminaires can be operated directly.</p>		H	<p>Bollard tubes with two safety sockets behind a lockable door</p> <p>Bollard tubes with two integral 250 V type F (German/European system) safety sockets and RCD behind a lockable door</p>	
D	<p>Bollard tubes with PIR motion and light sensor DALI · ZigBee · LCN</p> <p>Bollard tubes with a passive infrared motion and light sensor respond to thermal radiation in the dark. Other luminaires can be controlled using a ZigBee network or a DALI or LCN bus. A DALI power supply is required to control an independent DALI line.</p>		K	<p>Bollard tubes with one integral safety socket</p> <p>Bollard tubes with one easily accessible integral 250 V safety socket, type F (German/European system) Cover made of cast aluminium</p>	
E	<p>Bollard tubes with ZigBee · LCN control module</p> <p>Bollard tubes with an integral ZigBee or LCN control module can be controlled using a ZigBee network or an LCN bus.</p>		L	<p>Closing heads for bollard tubes</p> <p>Closing heads allow the use of a bollard tube without illumination function, e.g. as a blocking bollard with drive-through protection – BEGA Vehicle Blocker®.</p>	

* For illustration purposes, the bollard tube with drive-through protection shows the internal concrete core.



LED bollards

Asymmetrical or flat beam light distribution

Shielded LED bollards for the glare-free illumination of ground surfaces.

Luminaires for the spatial or flat beam illumination of horizontal surfaces

Luminaires with asymmetrical light distribution are particularly suitable for the illumination of squares or wider pathways on account of their spatial illumination of ground surfaces. Luminaires with flat beam light distribution allow the general illumination of paths with luminaires spaced far apart.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

Connection box with terminals 5 × 2.5² · On/Off power supply unit

20 years' availability guarantee for LED modules

BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

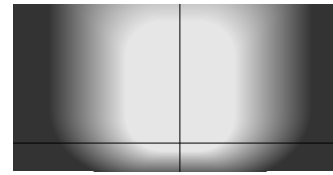
LED colour temperature: 3000K – article number + **K3** or

4000K – article number + **K4**

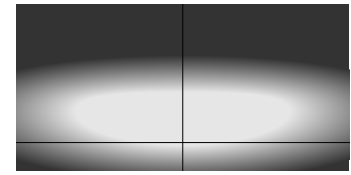
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

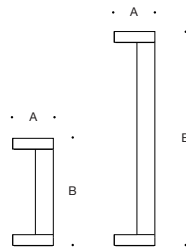
■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical light distribution



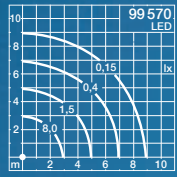
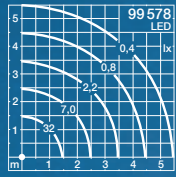
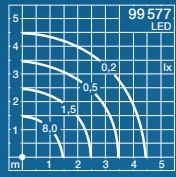
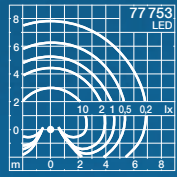
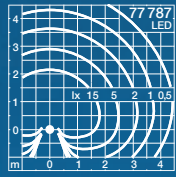
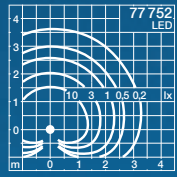
Flat beam light distribution

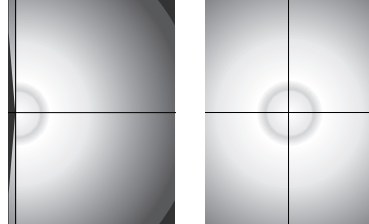


LED bollard · Asymmetrical light distribution								Anch. unit
	LED	PSU	EEC	A	B	AC/DC		
84 239	13.5 W	1625 lm	On/Off	A++	Ø 190	1000	✓	70 895

LED bollards · Flat beam light distribution								Anch. unit
	LED	PSU	EEC	A	B	AC/DC		
99 056	13.8 W	1360 lm	On/Off	A++	Ø 190	550	✓	70 895
99 058	13.8 W	1360 lm	On/Off	A++	Ø 190	1000	✓	70 895







Light emission 180°

Light emission 360°

LED bollards

Light emission 180° or 360°

Efficient and cost-effective LED bollards for the illumination of ground surfaces. These luminaires are characterised by high luminous efficiency and great uniformity of illuminance. We can supply these luminaires in three sizes for the differing dimensions of the installation site. Their sturdy construction makes them especially suitable for areas in which considerable robustness is required.

Luminaires for the illumination of pathways, entrance areas and driveways in private and public areas.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Borosilicate glass

Reflector made of pure anodised aluminium

On/Off power supply unit

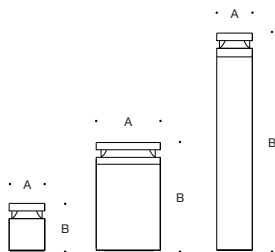
BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

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

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®.

Luminaire colour graphite or silver

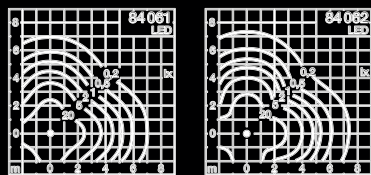
■ Graphite – article number · ■ Silver – article number + **A**



LED bollards · Light emission 180°									
	LED	PSU	EEC	Connection box	A	B	AC/DC	Anch. unit	
77 752	9.0 W	360 lm	On/Off	A++	Terminals 3 × 4 [□]	165	220	✓	70 895
77 787	7.3 W	325 lm	On/Off	A++	70 632	300	500	✓	70 896
77 753	9.0 W	360 lm	On/Off	A++	70 632	165	1000	✓	70 895

LED bollards · Light emission 360°									
	LED	PSU	EEC	Connection box	A	B	AC/DC	Anch. unit	
99 577	16.9 W	745 lm	On/Off	A++	Terminals 3 × 4 [□]	165	220	✓	70 895
99 578	14.6 W	705 lm	On/Off	A++	70 632	300	500	✓	70 896
99 570	16.9 W	745 lm	On/Off	A++	70 632	165	1000	✓	70 895





LED bollards

Shielded light

Shielded LED bollards with wide beam light distribution for a high degree of illuminance on the ground surface.

The light is directed straight at the surface to be illuminated by a reflector. These are robust luminaires that can divide up and structure outdoor spaces, and they are particularly suitable for illuminating squares, entrance areas and driveways. You can find light building elements with the same design features but with different dimensions on Page 418.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Crystal glass

Reflector made of pure anodised aluminium

Connection box 70 632 · DALI controllable

20 years' availability guarantee for LED modules

BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

LED colour temperature: 3000K – article number + **K3** or

4000K – article number + **K4**

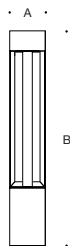
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

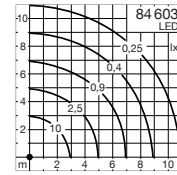
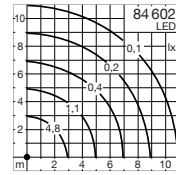


Page 418



LED bollards							Anch. unit
	LED	PSU	EEC	A	B	AC/DC	
84 061	23.0 W 1380 lm	DALI	A++	165	1000	✓	70 895
84 062	33.5 W 1715 lm	DALI	A++	220	1200	✓	70 896





LED bollards

Unshielded light

Unshielded LED bollards with rotationally symmetrical light distribution. A white impact-resistant synthetic cylinder ensures uniform distribution of the light. Robust luminaires that can divide up and structure outdoor spaces. They have an orienting, guiding and demarcating function. Luminaires for the illumination of footpaths, squares, gardens and driveways.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Synthetic cover, white
 On/Off power supply unit
 20 years' availability guarantee for LED modules

BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

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

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED bollards									
	LED		PSU	EEC	Connection box	A	B	AC/DC	Anch. unit
84 602	18.0 W	1940 lm	On/Off	A++	Terminals 3 × 4 [□]	160	850	✓	70 895
84 603	36.0 W	2560 lm	On/Off	A++	70 632	230	1100	✓	70 896





LED bollard
Shielded light

Shielded bollard with rotationally symmetrical light distribution.
The light is deflected by a reflector and directed onto the surfaces to be illuminated in a rotationally symmetrical way. Thanks to its sturdy construction, this luminaire is particularly suitable for areas in which considerable robustness is required.
Luminaire for the wide-area illumination of footpaths, entrance areas or driveways in private and public areas.

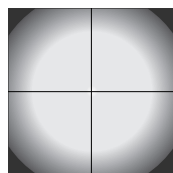
Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Borosilicate glass
Reflector made of pure anodised aluminium
Connection box 70 632 · On/Off power supply unit
20 years' availability guarantee for LED modules

BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

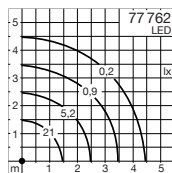
LED colour temperature: 3000K – article number + **K3** or
4000K – article number + **K4**

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®.

Luminaire colour graphite or silver
 Graphite – article number ·
 Silver – article number + **A**



Light emission 360°



LED bollard								
	LED	PSU	EEC	A	B	C	AC/DC	Anch. unit
77 762	13.6 W 425 lm	On/Off	A++	165	860	220	✓	70 896





LED bollard
Shielded light

Shielded LED bollard with rotationally symmetrical light distribution. The LED light is deflected from above by a wide beam reflector and directed onto the ground surfaces to be illuminated in a rotationally symmetrical way. Bollard for wide-area illumination of, for example, footpaths, entrance areas or driveways in private and public areas.

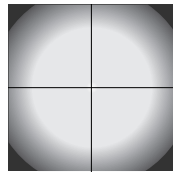
Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Crystal glass
Reflector made of pure anodised aluminium
Connection box 70 632 · On/Off power supply unit
20 years' availability guarantee for LED modules

BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

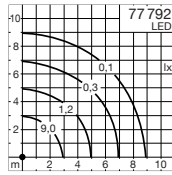
LED colour temperature: 3000K – article number + **K3** or
4000K – article number + **K4**

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®.

Luminaire colour graphite or silver
■ Graphite – article number · ■ Silver – article number + **A**

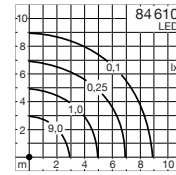
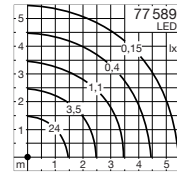
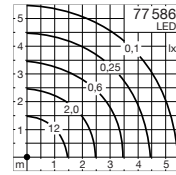


Light emission 360°



LED bollard								Anch. unit	
	LED	PSU	EEC	A	B	C	AC/DC		
77 792	24.1 W	1455 lm	On/Off	A++	220	810	220	✓	70 896





LED bollards

Bollards with rotationally symmetrical light distribution. The light is deflected by the top reflector onto the surface to be illuminated. We can supply these luminaires in two diameters and in different heights for the differing dimensions of the installation site. Luminaires for glare-free, wide-area illumination of driveways, squares, footpaths and entrance areas.

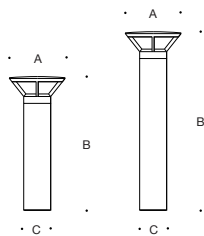
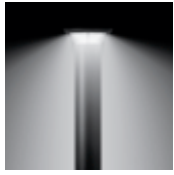
Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Crystal glass
 Reflector made of pure anodised aluminium
 Luminaires with On/Off power supply unit or DALI controllable power supply unit
 20 years' availability guarantee for LED modules

BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

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

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®.

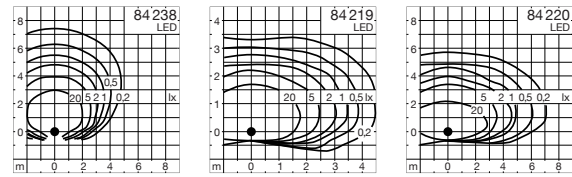
Luminaire colour graphite or silver
 ■ Graphite – article number · ■ Silver – article number + **A**



LED bollards

	LED	PSU	EEC	Connection box	A	B	C	AC/DC	Anch. unit
77 586	21.8 W 535 lm	On/Off	A++	Terminals 3 × 4 [□]	260	600	140	✓	70 894
77 589	21.8 W 550 lm	On/Off	A++	Terminals 3 × 4 [□]	260	800	140	✓	70 896
84 610	40.5 W 1695 lm	DALI	A++	70 632	340	1100	165	✓	70 896





LED bollards

Asymmetrical or flat beam light distribution

Shielded LED bollards for the glare-free illumination of ground surfaces. Luminaires for the spatial or flat beam illumination of horizontal surfaces. Luminaires with asymmetrical light distribution are particularly suitable for the illumination of squares or wider pathways on account of their spatial illumination of ground surfaces. Luminaires with flat beam light distribution allow the general illumination of paths with luminaires spaced far apart. You can find light building elements with the same design features but with different dimensions on Page 410.

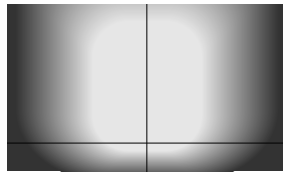
Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Reflector made of pure anodised aluminium
 Connection terminals 5 × 4² · On/Off power supply unit
 20 years' availability guarantee for LED modules

BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

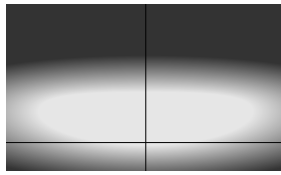
LED colour temperature: 3000K – article number + **K3** or
 4000K – article number + **K4**

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®.

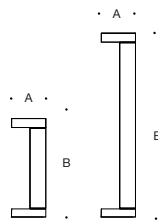
Luminaire colour graphite or silver
 ■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical light distribution



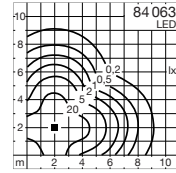
Flat beam light distribution



LED bollard · Asymmetrical light distribution							
	LED	PSU	EEC	A	B	AC/DC	Anch. unit
84 238	13.5 W 1625 lm	On/Off	A++	160 × 160	945	✓	70 895

LED bollards · Flat beam light distribution							
	LED	PSU	EEC	A	B	AC/DC	Anch. unit
84 219	13.5 W 1360 lm	On/Off	A++	160 × 160	495	✓	70 894
84 220	13.5 W 1360 lm	On/Off	A++	160 × 160	945	✓	70 895





LED bollard

Shielded light

Shielded LED bollard with wide beam light distribution for a high degree of illuminance on the ground surface. The light is directed straight at the surface to be illuminated by a reflector. Robust and striking luminaires that can divide up and structure outdoor spaces. They have an orienting, guiding and demarcating function. For the illumination of squares, entrance areas and driveways. You can find light building elements with the same design features but with different dimensions on Page 416.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Reflector made of pure anodised aluminium
 Connection box 70 632 · DALI controllable
 20 years' availability guarantee for LED modules

BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

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

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®.

Luminaire colour graphite or silver
 ■ Graphite – article number · ■ Silver – article number + **A**

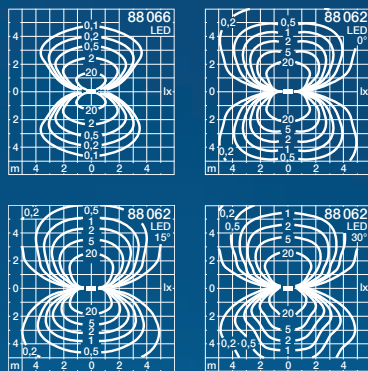


Light building elements Page 416



LED bollard								
	LED		PSU	EEC	A	B	AC/DC	Anch. unit
84 063	23.0 W	1370 lm	DALI	A++	160 × 160	1000	✓	70 895





Light building elements Page 402

LED bollards

Preset symmetrical light distribution or adjustable light distribution

LED bollards with preset symmetrical or adjustable light distribution.

Luminaire 88 066 features fixed symmetrical light distribution.

The luminaire 88 062 has an internal adjusting device. This allows the optical system to be adjusted from 0° to 15° or 30°. In this way, symmetrical light distribution with the equal proportions of light or different, asymmetrical lighting conditions can be achieved.

Robust and striking luminaires that can divide up and structure outdoor spaces. You can find light building elements with the same design features but with different dimensions on Page 402.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

Connection terminals 5 × 4² · On/Off power supply unit

20 years' availability guarantee for LED modules

On luminaire 88 062, the optical system can be adjusted to 0°, 15° or 30°.

BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

LED colour temperature: 3000K – article number + **K3** or

4000K – article number + **K4**

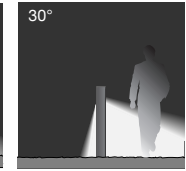
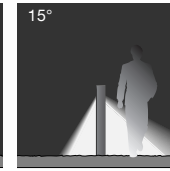
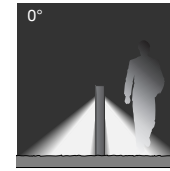
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

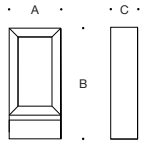
■ Graphite – article number · ■ Silver – article number + **A**



88 066 Preset, symmetrical light distribution

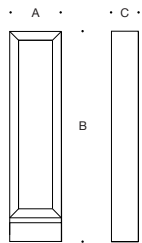


88 062 Adjustable light distribution



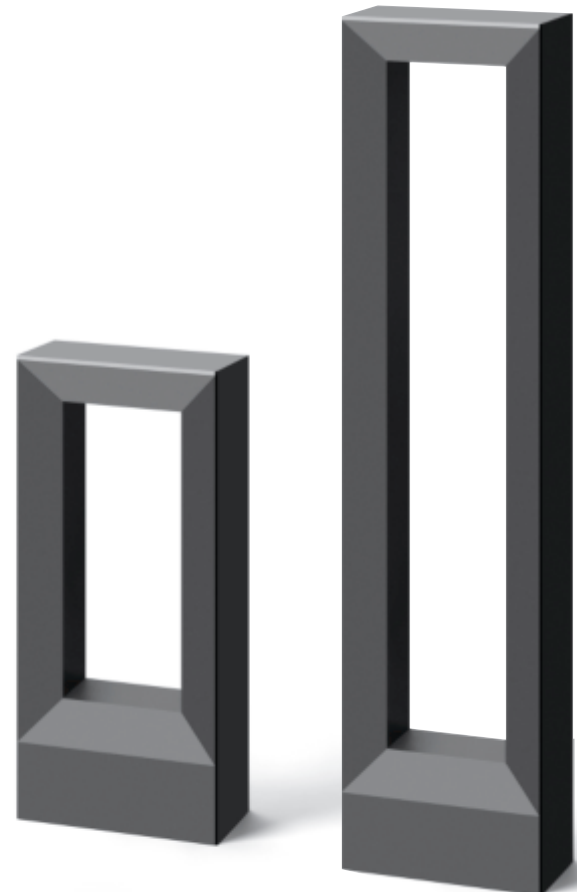
LED bollard · **Symmetrical** light distribution

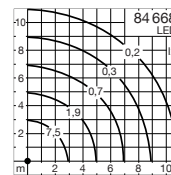
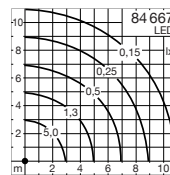
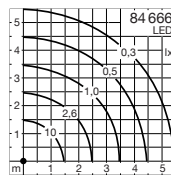
	LED	PSU	EEC	A	B	C	AC/DC	Anch. unit
88 066	9.4 W 590 lm	On/Off	A++	270	600	140	✓	70 895



LED bollard · **Adjustable** light distribution

	LED	PSU	EEC	A	B	C	AC/DC	Anch. unit
88 062	21.0 W 1700 lm	On/Off	A++	270	1100	140	✓	70 895





LED bollards

Unshielded light

Unshielded LED bollards with square layout and light emission on four sides. These are brilliant design elements for public areas.

They have an orienting, guiding and demarcating function, and they are particularly suitable for dividing or structuring outdoor spaces, as illumination for footpaths, squares, gardens and driveways.

You can find wall luminaires whose shape and design match the luminaires in this series on Page 136 – and matching light building elements on Page 414.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Synthetic cover, white
Luminaires with On/Off power supply unit or DALI controllable power supply unit
20 years' availability guarantee for LED modules

BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

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

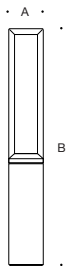
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Light building elements Page 414



LED bollards									
	LED		PSU	EEC	Connection box	A	B	AC/DC	Anch. unit
84 666	9.6 W	850 lm	On/Off	A++	Terminals 3 × 4 [□]	120 × 120	800	✓	70 894
84 667	27.0 W	2370 lm	On/Off	A++	70 632	160 × 160	1100	✓	70 895
84 668	36.0 W	2840 lm	DALI	A++	70 632	220 × 220	1200	✓	70 896





LED bollards

Unshielded light, flat beam or asymmetrical shielded light distribution

Bollards with the same design features but with different light distribution.

- **Unshielded light**

These luminaires distribute unshielded light. At the same distance, they ensure uniform illumination of ground surfaces, persons as well as architectural elements. Luminaires with a high proportion of vertical illuminance.

- **Flat beam** light distribution

These luminaires distribute their light into the width of the room. The light is directed downwards and is shielded above the horizontal. For the wide beam and uniform illumination of surfaces and footpaths near the luminaires.

- **Asymmetrical shielded** light distribution

The light from these luminaires is directed downwards and fully shielded above the horizontal. The highest degree of illuminance is achieved in the immediate vicinity of the luminaire.

Luminaires with a high level of visual comfort for the uniform illumination of footpaths and surfaces with maximum glare suppression.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass · Reflector made of pure anodised aluminium

Luminaires with On/Off power supply unit or DALI controllable power supply unit

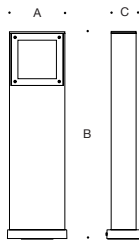
20 years' availability guarantee for LED modules

BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

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

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®.

■ Luminaire colour graphite



LED bollards · Unshielded light								Anch. unit		
	LED	PSU	EEC	Connection box	A	B	C		AC/DC	
84 410	3.9 W	310 lm	On/Off	A++	Terminals 3 × 4 [□]	160	800	110	✓	70 894
84 411	11.5 W	790 lm	DALI	A++	70 632	270	1000	120	✓	70 895

LED bollards · Flat beam light distribution								Anch. unit		
	LED	PSU	EEC	Connection box	A	B	C		AC/DC	
84 412	4.1 W	375 lm	On/Off	A++	Terminals 3 × 4 [□]	160	800	110	✓	70 894
84 413	13.5 W	1625 lm	DALI	A++	70 632	270	1000	120	✓	70 895

LED bollards · Asymmetrical shielded light distribution								Anch. unit		
	LED	PSU	EEC	Connection box	A	B	C		AC/DC	
84 414	4.1 W	250 lm	On/Off	A++	Terminals 3 × 4 [□]	160	800	110	✓	70 894
84 415	13.5 W	1055 lm	DALI	A++	70 632	270	1000	120	✓	70 895



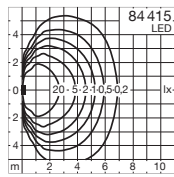
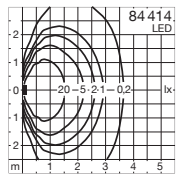
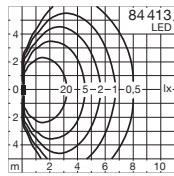
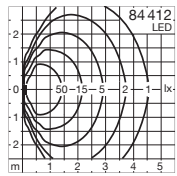
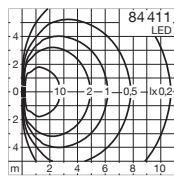
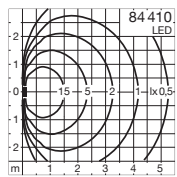
Unshielded light



Flat beam light distribution



Asymmetrical shielded light distribution





LED bollards

Unshielded light, flat beam or asymmetrical shielded light distribution

Bollards with the same design features but with different light distribution.

- **Unshielded light**

These luminaires distribute unshielded light. At the same distance, they ensure uniform illumination of ground surfaces, persons as well as architectural elements. Luminaires with a high proportion of vertical illuminance.

- **Flat beam light distribution**

These luminaires distribute their light into the width of the room. The light is directed downwards and is shielded above the horizontal. For the very wide beam and uniform illumination of surfaces and footpaths near the luminaires.

- **Asymmetrical shielded light distribution**

The light from these luminaires is directed downwards and fully shielded above the horizontal.

The highest degree of illuminance is achieved in the immediate vicinity of the luminaire.

Luminaires with a high level of visual comfort for the uniform illumination of footpaths and surfaces with maximum glare suppression.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass · Reflector made of pure anodised aluminium

DALI controllable

20 years' availability guarantee for LED modules

BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately.

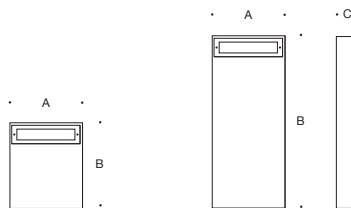
For technical data, see Page 553.

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

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®.

Luminaire colour graphite or silver

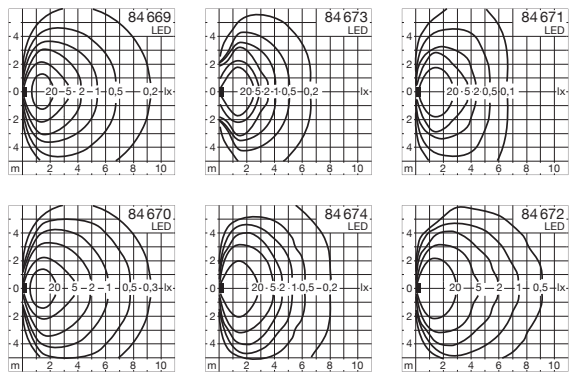
■ Graphite – article number · ■ Silver – article number + **A**



LED bollards · unshielded light										
	LED	PSU	EEC	Connection box	A	B	C	AC/DC	Anch. unit	
84 669	14.5 W	905 lm	DALI	A++	Terminals 5 × 4 [□]	340	400	100	✓	71 890
84 670	14.5 W	905 lm	DALI	A++	70 632	340	800	100	✓	71 890

LED bollards · flat beam light distribution										
	LED	PSU	EEC	Connection box	A	B	C	AC/DC	Anch. unit	
84 673	14.5 W	1025 lm	DALI	A++	Terminals 5 × 4 [□]	340	400	100	✓	71 890
84 674	14.5 W	1025 lm	DALI	A++	70 632	340	800	100	✓	71 890

LED bollards · Asymmetrical shielded light distribution										
	LED	PSU	EEC	Connection box	A	B	C	AC/DC	Anch. unit	
84 671	14.5 W	1100 lm	DALI	A++	Terminals 5 × 4 [□]	340	400	100	✓	71 890
84 672	14.5 W	1100 lm	DALI	A++	70 632	340	800	100	✓	71 890



Unshielded light



Flat beam light distribution



Asymmetrical shielded light distribution



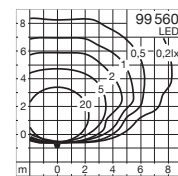
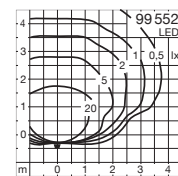
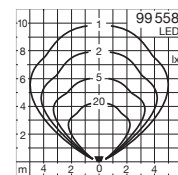
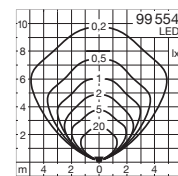
Unshielded light

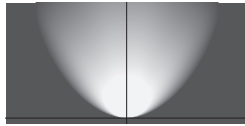


Flat beam light distribution



Asymmetrical shielded light distribution





Spatial illumination



Flat beam illumination



LED bollards

Spatial or flat beam illumination of horizontal surfaces

Bollards for the glare-free illumination of ground surfaces.

Luminaires for providing spatial or flat beam illumination of horizontal surfaces. To provide a high degree of illuminance in squares, driveways and wide footpaths in private and public areas.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

On/Off power supply unit

20 years' availability guarantee for LED modules

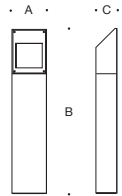
BEGA bollards are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

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

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED bollards for providing **spatial illumination** of horizontal surfaces

	LED	PSU	EEC	Connection box	A	B	C	AC/DC	Anch. unit
99 554	5.4 W 405 lm	On/Off	A++	Terminals 3 × 4 [□]	160	800	110	✓	70 894
99 558	14.9 W 1300 lm	On/Off	A++	70 632	250	1100	140	✓	70 895

LED bollards for providing **flat beam** illumination of horizontal surfaces

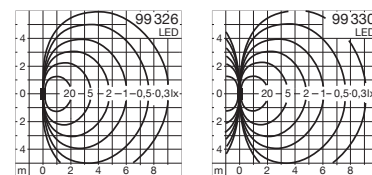
	LED	PSU	EEC	Connection box	A	B	C	AC/DC	Anch. unit
99 552	7.0 W 595 lm	On/Off	A++	Terminals 3 × 4 [□]	160	800	110	✓	70 894
99 560	21.5 W 1905 lm	On/Off	A++	70 632	250	1100	140	✓	70 895





On one side

On two sides



LED garden and pathway luminaires

Unshielded light on one or two sides

Unshielded luminaires for illuminating footpaths and entrance areas in garden and residential areas.

In order to meet the various lighting requirements, we can supply these luminaires with light emission on one side or on two sides.

Luminaires that are impressive at night with their vertical light surfaces and convincing during the day with their high-contrast design. Suitable for private and public areas in which there is no risk of vandalism.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Safety glass · Connection terminals 3 × 4² · On/Off power supply unit

20 years' availability guarantee for LED modules

BEGA garden and pathway luminaires are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel.

Anchorage units are accessories and must be ordered separately.

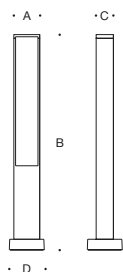
For technical data, see Page 553.

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

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®.

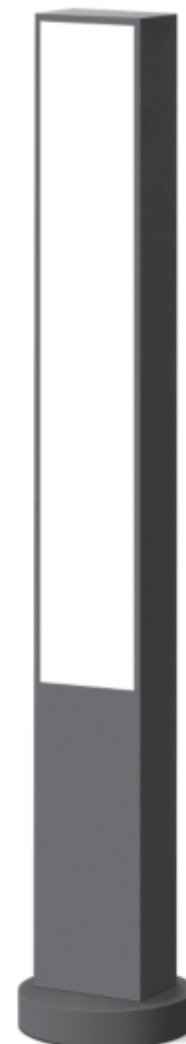
Luminaire colour graphite or silver

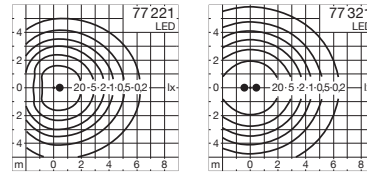
■ Graphite – article number · ■ Silver – article number + **A**



LED garden and pathway luminaires · One-sided									
	LED	PSU	EEC	A	B	C	D	Anch. unit	
99 326	13.5 W	815 lm	On/Off	A ⁺⁺	120	1000	80	160	70 895

LED garden and pathway luminaires · Two-sided									
	LED	PSU	EEC	A	B	C	D	Anch. unit	
99 330	26.5 W	1645 lm	On/Off	A ⁺⁺	120	1000	80	160	70 895





LED garden and pathway luminaires

Shielded light for single and double configuration.

LED garden and pathway luminaires for single and double configuration. Glare-free luminaires with a high degree of visual comfort for the uniform illumination of ground surfaces. The flat, wide beam light distribution is particularly suitable for illuminating paths and entrance areas, driveways and many areas of garden and landscape architecture.

You can find luminaires with the same design features but with different dimensions on Page 368.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Light deflection through synthetic cover with optical texture

Connection terminals 3 × 4⁰ · On/Off power supply unit

20 years' availability guarantee for LED modules

BEGA garden and pathway luminaires are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

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

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®.

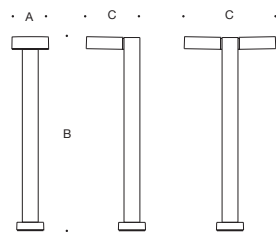
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



On one side

On two sides



LED garden and pathway luminaire · **Single**

	LED	PSU	EEC	A	B	C	AC/DC	Anch. unit
77 221	10.0 W	750 lm	On/Off	A++	190	1000	275 ✓	70 895



LED garden and pathway luminaire · **Double**

	2 LED	PSU	EEC	A	B	C	AC/DC	Anch. unit
77 321	20.0 W	1460 lm	On/Off	A++	190	1000	475 ✓	70 895





LED surface washers

Surface washers for the uniform illumination of ground surfaces. The luminaire housing is adjustable, allowing the light distribution to be adapted to the requirements of the installation site. Asymmetrical light distribution is used for the spatial illumination of entrance areas and driveways. Asymmetrical flat beam light distribution allows the luminaires to be spaced far apart and is particularly suitable for illuminating footpaths. LED surface washers for many areas of garden and landscape architecture. You can find pole-top luminaires with the same design features but with different dimensions on Page 400.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Safety glass
 Connection terminals 3 × 4² · Reflector made of pure anodised aluminium
 Attack angle infinitely adjustable from 0° to 90° · DALI controllable
 20 years' availability guarantee for LED modules

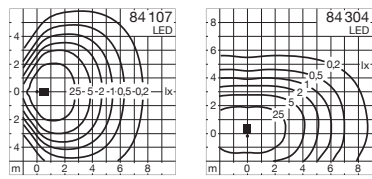
BEGA surface washers are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

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

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®.

Luminaire colour graphite or silver

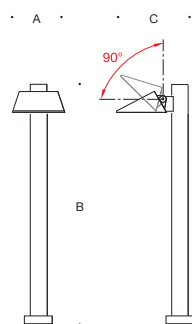
■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical



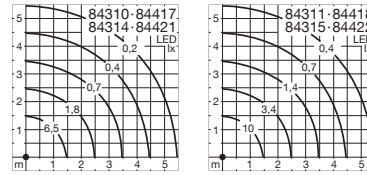
Asymmetrical flat beam



LED surface washers · Asymmetrical									
	LED	PSU	EEC	A	B	C	AC/DC	Anch. unit	
84 107	22.5 W	2450 lm	DALI	A++	260	1200	360	✓	70 895

LED surface washers · Asymmetrical flat beam									
	LED	PSU	EEC	A	B	C	AC/DC	Anch. unit	
84 304	15.5 W	2000 lm	DALI	A++	260	1200	360	✓	70 895





Garden and pathway luminaires

Unshielded · Light emission 360°

Optionally with PIR motion and light sensor

Garden and pathway luminaires for unshielded light, optionally with LED or for lamps with screw base E27.

Luminaires with hand-blown, three-ply opal glass and pleasantly uniform light effects. Suitable for private and public areas in which there is no risk of vandalism.

LED luminaires with a built-in passive infrared motion and light sensor react to thermal radiation in the dark, switching on when people or animals move in the vicinity of the luminaire. They are parameterised via Bluetooth and the free BEGA Tool app.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Opal glass with thread

Connection terminals 5 × 2.5^Q · LED luminaires: On/Off power supply unit

20 years' availability guarantee for LED modules

Luminaires from this series are secured in the ground with an anchorage unit made of hot-dip galvanised steel, or they are bolted onto a foundation provided by the customer using a screw-on base. Anchorage units or screw-on bases are included in the scope of delivery – for technical data, see Page 551.

Luminaires in this series with safety guard can be found on Page 350.

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

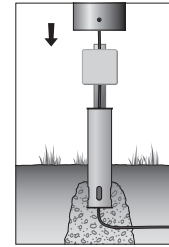
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®. You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

Luminaire colour graphite or silver

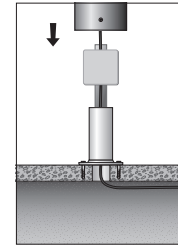
■ Graphite – article number · ■ Silver – article number + **A**



Passive infrared motion and light sensor




Anchorage unit



Screw-on base



 You can find LED lamps on Page 537.

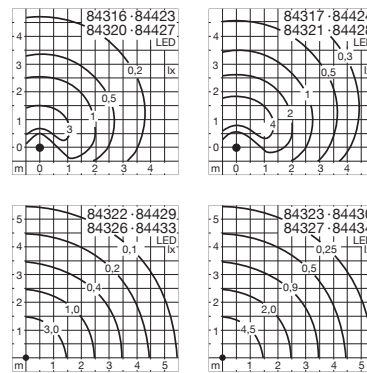
Light emission 360° · Unshielded

With anch. unit	With screw-on base	LED	PSU	EEC	A	B	AC/DC
84 310	84 417	5.0 W	440 lm	On/Off	A++	110 730	✓
84 311	84 418	9.8 W	730 lm	On/Off	A++	140 900	✓
		Lamp	Base				
84 312	84 419	1 lamp	60 W	E 27	A++-E	110 730	—
84 313	84 420	1 lamp	100 W	E 27	A++-E	140 900	—

Light emission 360° · Unshielded · With PIR motion and light sensor

With anch. unit	With screw-on base	LED	PSU	EEC	A	B	AC/DC
84 314	84 421	5.5 W	440 lm	On/Off	A++	110 730	✓
84 315	84 422	10.3 W	730 lm	On/Off	A++	140 900	✓





Garden and pathway luminaires

With safety guard · Light emission 180° or 360°
Optionally with PIR motion and light sensor

Garden and pathway luminaires with safety guard · Light emission 180° or 360°, optionally with LED or for lamps with screw base E 14 and E 27.
Luminaires with hand-blown, three-ply opal glass and pleasantly uniform light effects. Suitable for private and public areas in which there is no risk of vandalism.
LED luminaires with a built-in passive infrared motion and light sensor react to thermal radiation in the dark, switching on when people or animals move in the vicinity of the luminaire. They are parameterised via Bluetooth and the free BEGA Tool app.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Opal glass with thread
Connection terminals 5 × 2.5^Q · LED luminaires: On/Off power supply unit
20 years' availability guarantee for LED modules

Luminaires from this series are secured in the ground with an anchorage unit made of hot-dip galvanised steel, or they are bolted onto a foundation provided by the customer using a screw-on base. Anchorage units or screw-on bases are included in the scope of delivery – for technical data, see Page 551.

Luminaires in this series without a safety guard can be found on Page 348.

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

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®.

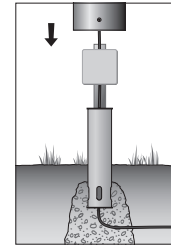
You will find suitable BEGA LED lamps with screw base E 14 · E 27 on Page 534.

Luminaire colour graphite or silver

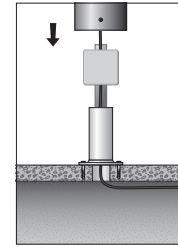
■ Graphite – article number · ■ Silver – article number + **A**



Passive infrared motion and light sensor



Anchorage unit



Screw-on base



You can find LED lamps on Page 534.

Light emission 180° · With safety guard

With anch. unit	With screw-on base	LED	PSU	EEC	A	B	AC/DC
84 316	84 423	5.0 W 95 lm	On/Off	A++	110	730	✓
84 317	84 424	9.8 W 180 lm	On/Off	A++	140	900	✓
		Lamp	Base				
84 318	84 425	1 lamp 40 W	E 14	A+++ - E	110	730	—
84 319	84 426	1 lamp 60 W	E 27	A+++ - E	140	900	—

Light emission 180° · With safety guard · With PIR motion and light sensor

With anch. unit	With screw-on base	LED	PSU	EEC	A	B	AC/DC
84 320	84 427	5.5 W 95 lm	On/Off	A++	110	730	✓
84 321	84 428	10.3 W 180 lm	On/Off	A++	140	900	✓

Light emission 360° · With safety guard

With anch. unit	With screw-on base	LED	PSU	EEC	A	B	AC/DC
84 322	84 429	5.0 W 180 lm	On/Off	A++	110	730	✓
84 323	84 430	9.8 W 350 lm	On/Off	A++	140	900	✓
		Lamp	Base				
84 324	84 431	1 lamp 40 W	E 14	A+++ - E	110	730	—
84 325	84 432	1 lamp 60 W	E 27	A+++ - E	140	900	—

Light emission 360° · With safety guard · With PIR motion and light sensor

With anch. unit	With screw-on base	LED	PSU	EEC	A	B	AC/DC
84 326	84 433	5.5 W 180 lm	On/Off	A++	110	730	✓
84 327	84 434	10.3 W 350 lm	On/Off	A++	140	900	✓





LED garden and pathway luminaires

Shielded light

LED garden and pathway luminaires characterised by a high degree of visual comfort. These luminaires offer glare-free illumination of ground surfaces with a very uniform degree of illuminance. These are perfect luminaires for illuminating driveways and footpaths as well as many areas of garden and landscape architecture. Suitable for private and public areas in which there is no risk of vandalism.

For optimum coordination with the lighting situation in question, we can supply the luminaires with two different mounting heights.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Safety glass · Reflector made of pure anodised aluminium · On/off power supply unit

20 years' availability guarantee for LED modules

BEGA garden and pathway luminaires are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data of the anchorage units and connection boxes, see Pages 553 and 555.

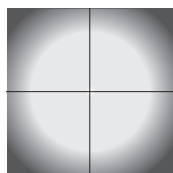
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information may change during the validity period of the catalogue as a result of technical progress.

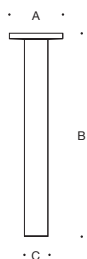
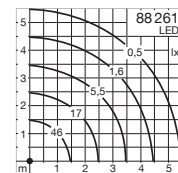
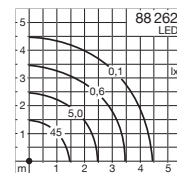
You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Light emission 360°



LED garden and pathway luminaires

	LED	PSU	EEC	Connection box	A	B	C	AC/DC	Anch. unit
88 262	24.8 W 1730 lm	On/Off	A++	Terminals 3 × 4 [□]	250	550	110	✓	70 894
88 261	24.8 W 1730 lm	On/Off	A++	70 632	250	950	110	✓	70 894





LED pathway luminaire
LED indication luminaire with externally illuminated sign

These pathway and indication luminaires are available in two versions. Optionally as pathway luminaires for a design alternative to bollards, to illuminate pathways, entrances and driveways. Or as indication luminaires that are additionally fitted with a sign. We can supply the luminaires with signs complete with individual lettering, symbols and logos. Indication luminaires allow fast and reliable orientation and make it possible to find an address by day and by night.

Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Safety glass
DALI controllable
20 years' availability guarantee for LED modules

Door and connection box 70 632 · For the technical data of connection boxes, see Page 555. With anchorage unit for installation in soil.

99 069

Height of the lettered sign, depending on lettering size and number of lines 150 to 350 mm. Lettering on one side or on two sides.

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

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®.

Luminaire colour graphite or silver

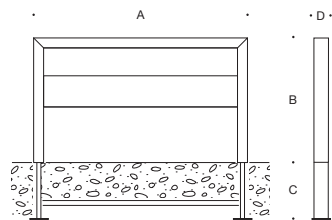
■ Graphite – article number · ■ Silver – article number + **A**



LED pathway luminaire



LED indication luminaire with illuminated sign



LED pathway luminaire

	LED	PSU	EEC	A	B	C	D
99 061	53.0 W	3655 lm	DALI	A++	1755	1000	600 180 x 80

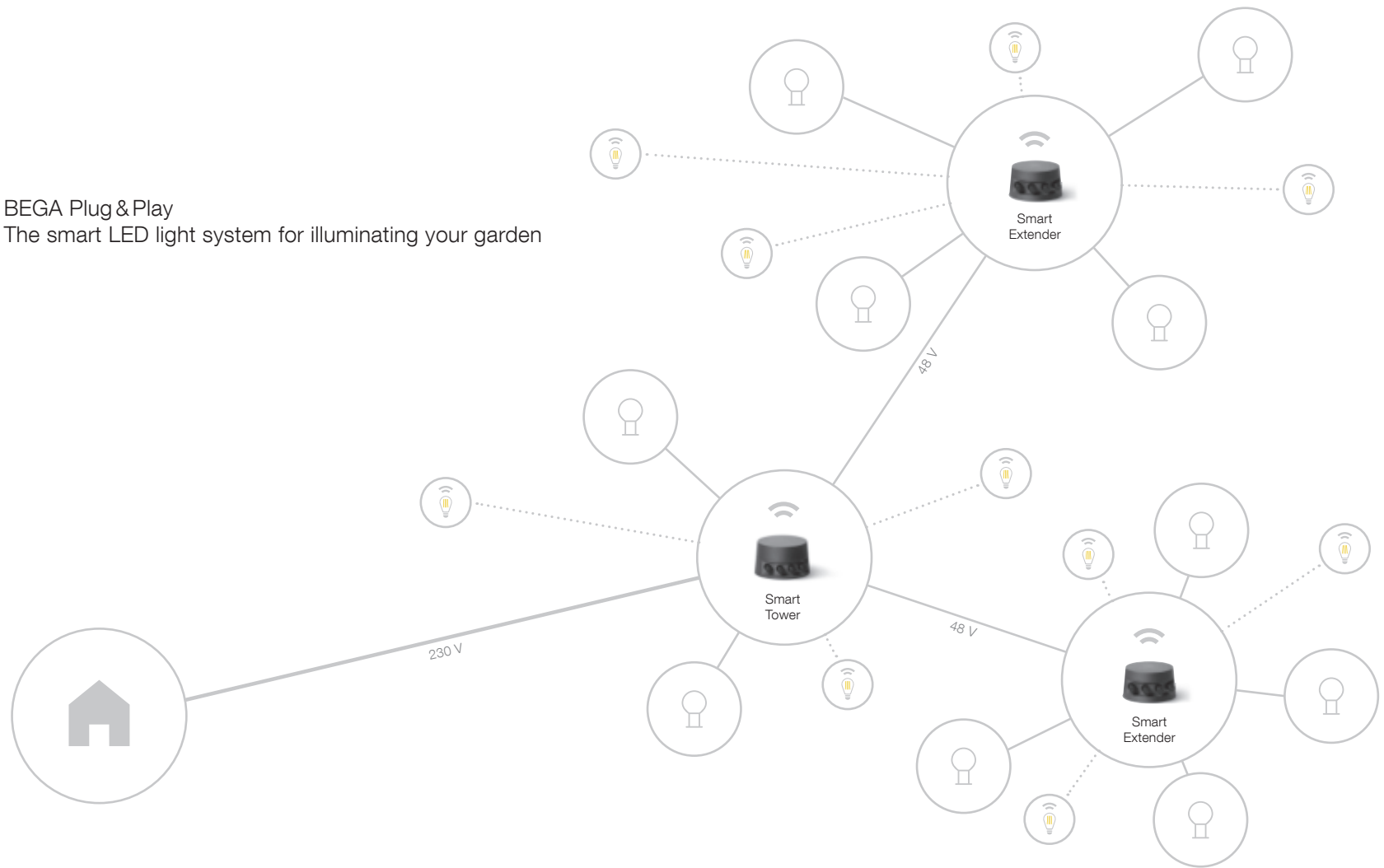
LED indication luminaire · With externally illuminated sign

	LED	PSU	EEC	A	B	C	D
99 069	53.0 W	3655 lm	DALI	A++	1755	1000	600 180 x 80





BEGA Plug & Play
The smart LED light system for illuminating your garden



BEGA Plug & Play is the smart LED lighting system for your garden illumination – it is incredibly easy to install and control: Position the portable luminaires in your garden and configure the system with the free BEGA Smart app.



Then the BEGA Plug & Play system can be individually controlled using a convenient remote control or through the BEGA Smart app. They can easily implement automations such as time switches in just a few steps.

As the intelligent central element of the BEGA Plug & Play system, the Smart Tower provides the necessary 48-volt operating voltage. Luminaires and one or more Smart Extenders can be connected to the Smart Tower's four secure plug contacts. Smart Extenders also have four plug contacts each, thus extending the system with additional connection options.

The maximum connected wattage of all luminaires connected to a Smart Tower is 50 watts. An extension with an additional Smart Tower is possible at any time (see also Page 360).

The system's flexible cables can simply be laid above ground between the plants – there is no need for any elaborate and expensive installation of underground cables. Changes and extensions are thus possible very quickly and at any time.

The system can be operated using the BEGA remote controls, which are available in two versions, or using the BEGA Smart app. These can be used to switch and dim the connected luminaires and to call up customised lighting scenarios.



BEGA Zigbee LED lamps can also be integrated in a BEGA Plug & Play system. In this way, conventional luminaires with E 14 or E 27 screw bases can also be controlled individually – indoors as well as outdoors.

The flexible system is open to Zigbee 3.0 devices from other manufacturers, which can also be integrated into the smart LED lighting system.



Configuration by app

The free BEGA Smart app is available to help you configure your system. The app allows you to create luminaire groups and lighting scenarios intuitively and with little effort.

The system can also be configured to switch automatically depending on the time of day.

The app can also be used to control the Plug & Play system in the immediate vicinity of the luminaires.

For comfortable control, including control from greater distances, we recommend the PRO or ONE remote controls.

Operation by remote control

The PRO and ONE remote controls are available for the user-friendly operation of the BEGA Plug & Play system. Both can be programmed using the free BEGA Smart app.

PRO offers menu control by display and touch ring. Two user-programmable Favourites buttons also allow fast access to your preferred scenarios.

ONE has ten user-programmable pushbuttons. These can be assigned individual luminaires, groups of luminaires, scenarios or light colours.

The impressive appearance of the PRO will convince you with its housing made of matt black anodised cast aluminium and a front panel made of shatterproof and scratch-resistant Gorilla® glass.

BEGA Smart · The new convenient app

Easy configuration

The free BEGA Smart smartphone app allows you to conveniently configure the BEGA Plug&Play LED lighting system: for fast and easy setup of the lighting system, all you need to do is scan a code on each component with your smartphone. Then you can start with your individual light planning.



Comfort for a secure home

After recording all components in the system, individual luminaire groups can be created and automated as needed. This will showcase your garden in the right light, at any time and according to your preferences, using BEGA Plug&Play via secure Zigbee or Bluetooth connections. Automated and time-dependent switching of the system will make your house seem occupied at all times, increasing your sense of security.



Smart expansions

With the BEGA Zigbee LED lamps, the BEGA Plug&Play system can be expanded to include conventional luminaires with an E 14 or E 27 screw base.

This allows individual control to be extended to indoor spaces as well.

For outdoor and indoor spaces, BEGA RGBW lamps allow you to create colour scenes that will make your home shine with a selection of 16 million colours.

You will find BEGA LED lamps with screw base E 14 and E 27 on Page 534.



Tunable white – for any mood

The combination of the BEGA Smart app and BEGA tunable white LED lamps offers the possibility of adjusting the colour temperature at home to match the situation and mood.

Whether warm and cosy or a stimulating cool tone, the app offers numerous options.





Planning a BEGA Plug & Play system

The Smart Tower is the basis of BEGA Plug & Play. It is the intelligent control centre of the system and at the same time provides the necessary operating voltage of 48V. Optionally we can supply the Smart Tower with 5 m connecting cable including a mains plug for operating on a 230V socket or without a mains plug with a free cable end. In this case, we recommend the use of a BEGA distribution box for the electrical connection.

Luminaires as well as one or more Smart Extenders can be connected to the four plug contacts of the Smart Tower.

Smart Extenders also have four plug contacts, thus extending the system with additional connection options.

The maximum connected wattage of all luminaires connected to a Smart Tower is 50 watts. If additional luminaires are to be connected, the system can be extended any time with an additional Smart Tower.





With the BEGA Smart Socket connecting pillar, even luminaires without smart control capability, as well as other electrical devices, can be integrated in the Plug & Play system. For information on BEGA Smart Socket connecting pillars, see Page 396.

BEGA PRO and ONE remote controls

Zigbee 3.0 · Radio range in the field: 30 m
Including magnetic wall mounting bracket
Configuration using BEGA Smart app

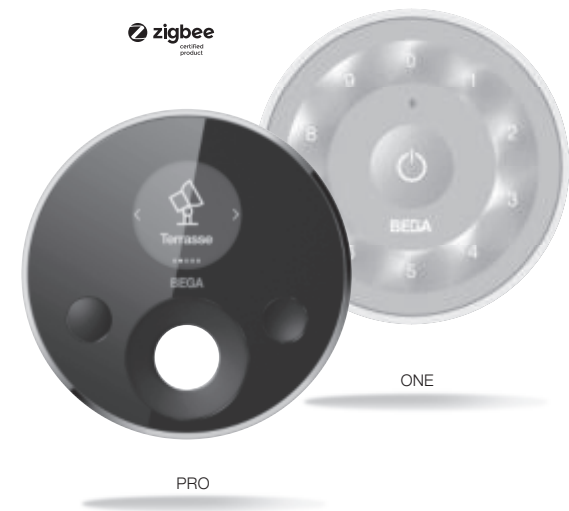
PRO remote control

Electronic paper display and touch ring for navigating in the menu, as well as two user-programmable favourites buttons.
Anodised matt black housing made of cast aluminium
Front panel made of unbreakable, scratch-proof Gorilla® glass.

ONE remote control

10 user-programmable pushbuttons. Each pushbutton can be assigned an individual luminaire, luminaire group, scenario or light colour.
Grey synthetic housing with black front panel

		Ø
13 569	PRO remote control	80
10 526	ONE remote control	75



BEGA Plug & Play

Smart Tower and Smart Extender

Protection class IP 65
Housing made of glass fibre reinforced synthetic material
Smart Tower: BEGA Ultimate Driver®
Zigbee 3.0 and Bluetooth

Smart Tower: 230 V AC / 48 V DC · Connected wattage max. 50 watts
Smart Extender and Smart Tower: 4 outputs each, can be switched and dimmed individually

To operate them, we recommend the remote controls PRO (13 569) or ONE (10 526).

For the electrical connection of the Smart Tower 13 567, we recommend the use of BEGA distribution boxes. For technical data, see Page 550.

Colour graphite

		A	B
13 566	Smart Tower with 5 m connecting cable and mains plug	130	75
13 567	Smart Tower with 5 m connecting cable and free cable end	130	75
13 568	Smart Extender with 5 m cable and 48 V plug	130	65





BEGA Plug & Play

Portable LED garden luminaires 48 V DC with earth spike
for unshielded light

Protection class IP 65 · Housing and earth spike made of glass fibre reinforced synthetic material

Opal glass with thread · With 5 m connecting cable and 48 V plug

BEGA Ultimate Driver®

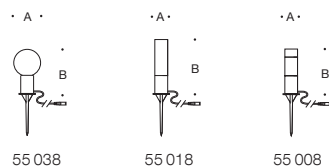
20 years' availability guarantee for LED modules

To operate these luminaires, you will need a BEGA Plug & Play Smart Tower, see Page 361.

LED colour temperature: 3000 K – article number + **K3**

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 and maximum ambient temperature.

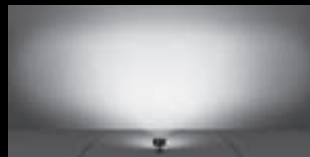
■ Luminaire colour graphite



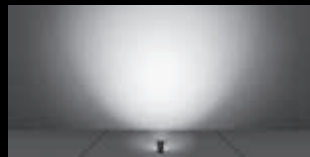
LED garden luminaires

	LED		EEC	A	B
55 038	2.4 W	240 lm	A++	150	260
55 018	2.4 W	235 lm	A++	70	340
55 008	2.4 W	185 lm	A++	65	270

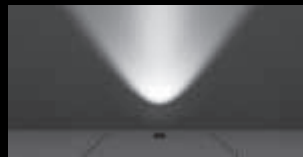




24 364



24 367 · 24 368



24 378



BEGA Plug & Play

Portable LED garden floodlights 48V DC

For directed light

Protection class IP 65 · Housing and earth spike made of glass fibre reinforced synthetic material

Safety glass · Reflector surface made of pure aluminium

With 5 m connecting cable and 48V plug

We supply the on-ground floodlight 24 378 with an optional earth spike.

24 378 BEGA Hybrid Optics®

BEGA Ultimate Driver®

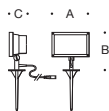
20 years' availability guarantee for LED modules

To operate these luminaires, you will need a BEGA Plug & Play Smart Tower, see Page 361.

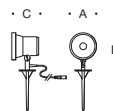
LED colour temperature: 3000K – article number + **K3**

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 and maximum ambient temperature.

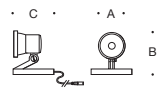
■ Luminaire colour graphite



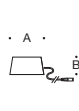
24 364



24 367



24 368



24 378

LED garden floodlights

		LED	EEC	A	B	C	
24 364	Floodlight with earth spike	10.0 W	845 lm	A++	165	185	50
24 367	Floodlight with earth spike	4.0 W	340 lm	A++	105	175	110
24 368	Floodlight with ring base	4.0 W	340 lm	A++	105	175	110
24 378	On-ground floodlight	7.8 W	695 lm	A++	185	75	—



Floodlights with ring base



Cable winder in the ring base





BEGA Plug & Play

Portable LED spherical luminaires 48 V DC
consisting of 3 or 5 luminaires with optional earth spike or hook

Unshielded LED garden luminaires. Three or five luminaires as a unit ready for connection, optionally with earth spike or hook.

Protection class IP 65

Housing, earth spike and hook made of glass fibre reinforced synthetic material
 Synthetic sphere, white

With 5 m connecting cable between the 48V plug and the first luminaire

Cable length between the luminaires 2 m

BEGA Ultimate Driver®

20 years' availability guarantee for LED modules

To operate these luminaires, you will need a BEGA Plug & Play
 Smart Tower, see Page 361.

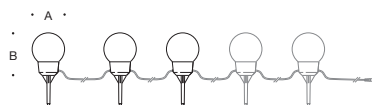
LED colour temperature: 3000K – article number + **K3**

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 and maximum ambient temperature.

■ Luminaire colour graphite



LED spherical luminaires with hook



LED spherical luminaires - With earth spike or hook					
		LED	EEC	A	B
24 376	3 luminaires with earth spike	12.0 W	1545 lm	A++	120 160
24 379	5 luminaires with earth spike	20.0 W	2580 lm	A++	120 160
24 377	3 luminaires with hook	12.0 W	1545 lm	A++	120 200
24 380	5 luminaires with hook	20.0 W	2580 lm	A++	120 200





BEGA Plug & Play

**Portable LED garden floodlights 48 V DC
consisting of 3 luminaires with earth spike**

Three LED garden floodlights with symmetrical light distribution as a unit ready for connection, with earth spike.

Protection class IP 65

Housing and earth spike made of glass fibre reinforced synthetic material

Safety glass

Reflector surface made of pure aluminium

With 5 m connecting cable between the 48 V plug and the distribution box

Cable length between distribution box and each floodlight 3 m

BEGA Ultimate Driver®

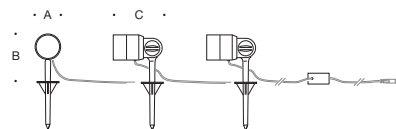
20 years' availability guarantee for LED modules

To operate these luminaires, you will need a BEGA Plug & Play Smart Tower, see Page 361.

LED colour temperature: 3000 K – article number + **K3**

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 and maximum ambient temperature.

■ Luminaire colour graphite



LED garden floodlight · With earth spike

	LED	EEC	A	B	C
24 366 3 floodlights with earth spike	12.0 W	840 lm	A++	55	110 100





LED garden and pathway luminaires for the private sector

Unshielded light

On footpaths, terraces and flowerbeds, as well as in house entrance areas, these unshielded luminaires create a pleasant light effect. The glass unit made of high-quality three-ply opal glass is optionally available as a cylinder or as a sphere. Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000K.

You can optionally order the luminaires:

- With anchorage unit
- Screw-on base

For technical data on anchorage units and screw-on bases, see Page 551.

You can find portable luminaires with the same form language on Page 390.

If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. For technical data, see Page 550.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Opal glass with thread · On/Off power supply unit

20 years' availability guarantee for LED modules

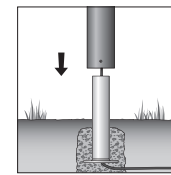
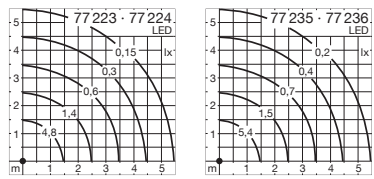
LED colour temperature: 3000K – article number + **K3**

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®.

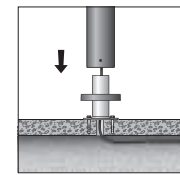
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

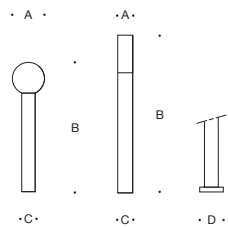




Anchorage unit



Screw-on base



LED garden luminaires - Sphere

		LED	PSU	EEC	A	B	C	D	AC/DC	
77 223	With anchorage unit	5.6 W	490 lm	On/Off	A++	150	800	70	—	✓
77 224	With screw-on base	5.6 W	490 lm	On/Off	A++	150	800	70	110	✓

LED garden luminaires - Cylinder

		LED	PSU	EEC	A	B	C	D	AC/DC	
77 235	With anchorage unit	5.6 W	450 lm	On/Off	A++	70	900	70	—	✓
77 236	With screw-on base	5.6 W	450 lm	On/Off	A++	70	900	70	110	✓





LED garden and pathway luminaires for the private sector

Rotationally symmetrical wide beam light distribution

Luminaires that are glare-free and uniformly illuminate many situations in footpaths and terraces in private gardens and house entrances. Cost-effective and efficient LED technology makes them low-maintenance and modern luminaires for your garden architecture. The colour temperature corresponds to 3000K warm white.

You can optionally order the luminaires:

- With anchorage unit
- Screw-on base

For technical data on anchorage units and screw-on bases, see Page 551.

If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. For technical data, see Page 550.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Light deflection through synthetic cover with optical texture

On/Off power supply unit

20 years' availability guarantee for LED modules

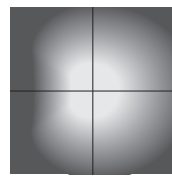
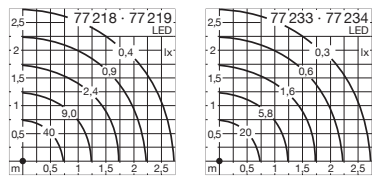
LED colour temperature: 3000K – article number + **K3**

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®.

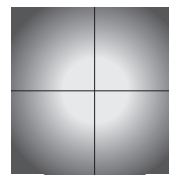
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

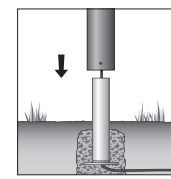




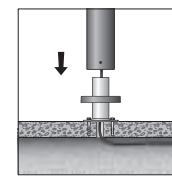
77 218 · 77 219



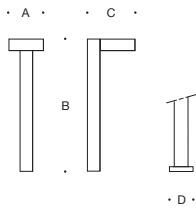
77 233 · 77 234



Anchorage unit

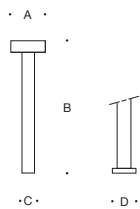


Screw-on base



LED garden and pathway luminaires

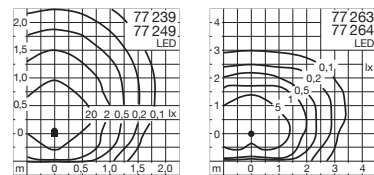
		LED	PSU	EEC	A	B	C	D	AC/DC	
77 218	With anchorage unit	5.1 W	345 lm	On/Off	A++	160	700	230	—	✓
77 219	With screw-on base	5.1 W	345 lm	On/Off	A++	160	700	230	110	✓



LED garden and pathway luminaires

		LED	PSU	EEC	A	B	C	D	AC/DC	
77 233	With anchorage unit	5.6 W	130 lm	On/Off	A++	160	700	70	—	✓
77 234	With screw-on base	5.6 W	130 lm	On/Off	A++	160	700	70	110	✓





LED garden and pathway luminaires for the private sector

Shielded, flat beam light, directed downwards

LED garden and pathway luminaires with light directed downwards for illuminating paths, terraces and house entrances. Luminaires for the uniform, glare-free illumination of ground surfaces. Cost-effective and efficient LED technology makes them low-maintenance and modern luminaires for your garden architecture. The colour temperature corresponds to 3000K warm white.

You can optionally order the luminaires:

- With anchorage unit
- Screw-on base

For technical data on anchorage units and screw-on bases, see Page 551.

If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. For technical data, see Page 550.

77 263 · 77 264 Protection class IP 65

77 239 · 77 249 Protection class IP 64

BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

77 239 · 77 249 Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · On/Off power supply unit

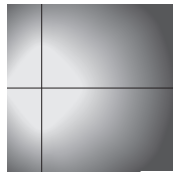
20 years' availability guarantee for LED modules

LED colour temperature: 3000 K – article number + **K3**

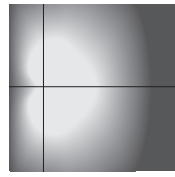
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

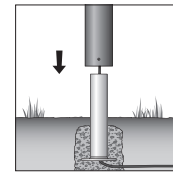
■ Graphite – article number · ■ Silver – article number + **A**



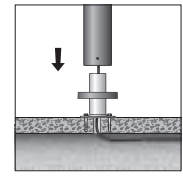
77 263 · 77 264



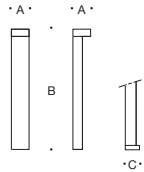
77 239 · 77 249



Anchorage unit

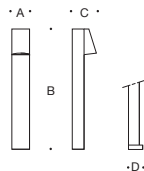


Screw-on base



LED garden and pathway luminaires

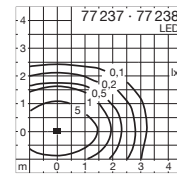
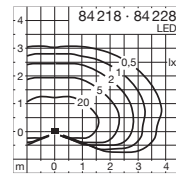
		LED	PSU	EEC	A	B	C	AC/DC
77 263	With anchorage unit	2.7 W	145 lm	On/Off	A++	110	700	— ✓
77 264	With screw-on base	2.7 W	145 lm	On/Off	A++	110	700 110	✓



LED garden and pathway luminaires

		LED	PSU	EEC	A	B	C	D	AC/DC
77 239	With anchorage unit	2.5 W	145 lm	On/Off	A++	75	700	125	— ✓
77 249	With screw-on base	2.5 W	145 lm	On/Off	A++	75	700	125 65	✓





LED garden and pathway luminaires for the private sector

Shielded, flat beam light, directed downwards

LED garden and pathway luminaires with light directed downwards for illuminating paths, terraces and house entrances. Luminaires for the uniform, glare-free illumination of ground surfaces. Cost-effective and efficient LED technology makes them low-maintenance and modern luminaires for your garden architecture. The colour temperature corresponds to 3000 K warm white.

You can optionally order the luminaires:

- With anchorage unit
- Screw-on base

For technical data on anchorage units and screw-on bases, see Page 551.

If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. For technical data, see Page 550.

84 218 · 84 228 Protection class IP 65

77 237 · 77 238 Protection class IP 64

BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

84 218 · 84 228 Reflector made of pure anodised aluminium

On/Off power supply unit

BEGA Ultimate Driver®

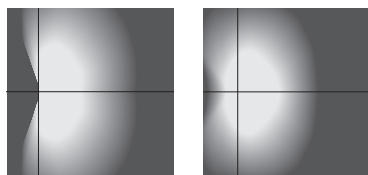
20 years' availability guarantee for LED modules

LED colour temperature: 3000 K – article number + **K3**

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®.

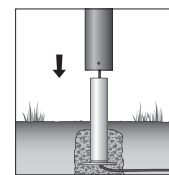
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

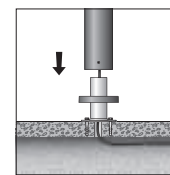


84 218 · 84 228

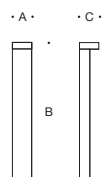
77 237 · 77 238



Anchorage unit



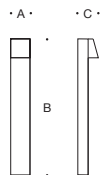
Screw-on base



·D·

LED garden and pathway luminaires

		LED	PSU	EEC	A	B	C	D	AC/DC	
84 218	With anchorage unit	5.3 W	305 lm	On/Off	A++	110	700	110	—	✓
84 228	With screw-on base	5.3 W	305 lm	On/Off	A++	110	700	110	110	✓



·D·

LED garden and pathway luminaires

		LED	PSU	EEC	A	B	C	D	AC/DC	
77 237	With anchorage unit	2.7 W	135 lm	On/Off	A++	90	700	105	—	✓
77 238	With screw-on base	2.7 W	135 lm	On/Off	A++	90	700	105	65	✓





LED garden and pathway luminaires for the private sector
Directed light or unshielded light on one side

Two LED garden and pathway luminaires for the private garden, house entrance and for many situations on paths and terraces.

- The luminaires 77 265 and 77 266 generate interesting light graphics on both sides of the luminaire depending on the ambient brightness.
- The unshielded luminaires 77 246 and 77 247 are particularly suitable for lighting situations with low ambient brightness requiring light on one side only.

Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000 K.

You can optionally order the luminaires:

- With anchorage unit
- With screw-on base

For technical data on anchorage units and screw-on bases, see Page 551.

If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. For technical data, see Page 550.

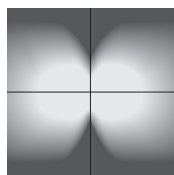
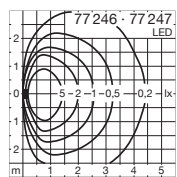
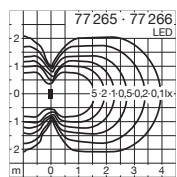
Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Safety glass
BEGA Ultimate Driver® · On/Off power supply unit
20 years' availability guarantee for LED modules

LED colour temperature: 3000 K – article number + **K3**

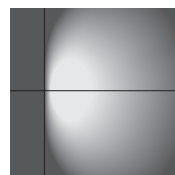
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

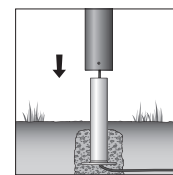
■ Graphite – article number · ■ Silver – article number + **A**



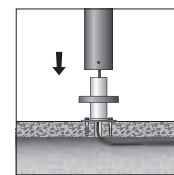
77 265 · 77 266



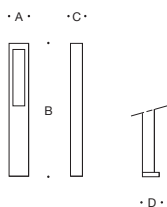
77 246 · 77 247



Anchorage unit

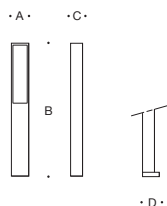


Screw-on base



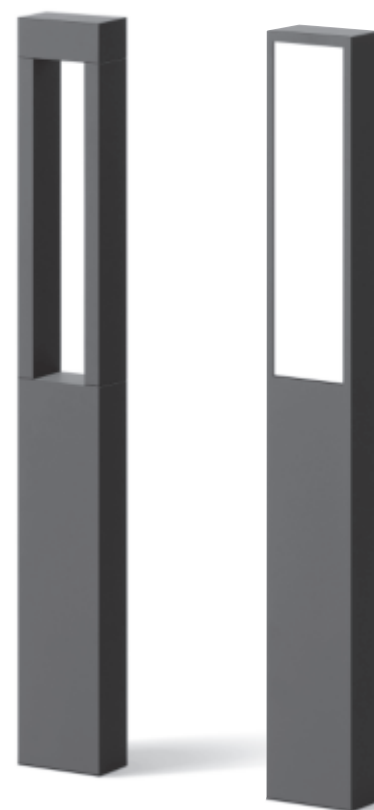
LED garden and pathway luminaires · **Directed light**

		LED	PSU	EEC	A	B	C	D	AC/DC
77 265	With anchorage unit	5.3 W	170 lm	On/Off	A++	90	700	50	— ✓
77 266	With screw-on base	5.3 W	170 lm	On/Off	A++	90	700	50	80 ✓



LED garden and pathway luminaires · **Unshielded light on one side**

		LED	PSU	EEC	A	B	C	D	AC/DC
77 246	With anchorage unit	2.5 W	135 lm	On/Off	A++	90	700	55	— ✓
77 247	With screw-on base	2.5 W	135 lm	On/Off	A++	90	700	55	65 ✓





LED garden and pathway luminaires for the private sector

Unshielded light

Unshielded LED garden and pathway luminaires with rotationally symmetrical light distribution. The luminaires are compact and feature a safety guard. Thick-walled crystal glasses with a light-diffusing texture ensure uniform light distribution. Luminaires for illuminating boundaries and providing visual guidance in private areas.

These robust luminaires enable you to define zones and structure the site. Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000 K.

You can optionally order the luminaires:

- With anchorage unit
- With screw-on base

For technical data on anchorage units and screw-on bases, see Page 551.

If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. For technical data, see Page 550.

Protection class IP 65 · BEGA Thermal Management®

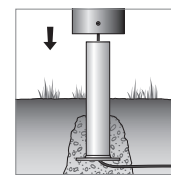
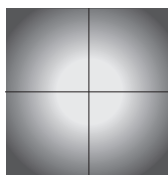
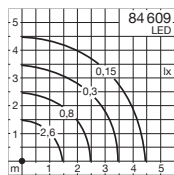
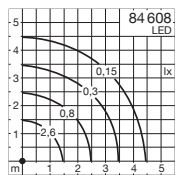
Cast aluminium, aluminium and stainless steel · Crystal glass, inside white
BEGA Ultimate Driver® · On/Off power supply unit
20 years' availability guarantee for LED modules

LED colour temperature: 3000 K – article number + **K3**

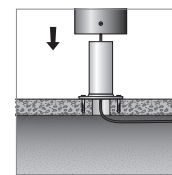
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

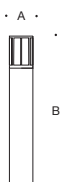
■ Graphite – article number · ■ Silver – article number + **A**



Anchorage unit



Screw-on base



LED garden and pathway luminaires

		LED	PSU	EEC	A	B	AC/DC
84 608	With anchorage unit	4.0 W	205 lm	On/Off	A++	110 700	✓
84 609	With screw-on base	4.0 W	205 lm	On/Off	A++	110 700	✓





LED garden and pathway luminaires for the private sector

Unshielded light

These LED garden and pathway luminaires with unshielded light are available in two heights to meet a variety of different lighting requirements. The luminaires have a square layout. A striking frame encompasses the thick-walled luminaire glass without impairing the light emission. These robust luminaires enable you to define zones and structure the site. Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000 K.

You can optionally order the luminaires:

- With anchorage unit
- With screw-on base

For technical data on anchorage units and screw-on bases, see Page 551.

If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. For technical data, see Page 550.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Crystal glass, inside white
 BEGA Ultimate Driver® · On/Off power supply unit
 20 years' availability guarantee for LED modules

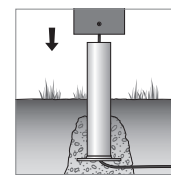
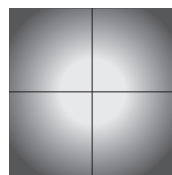
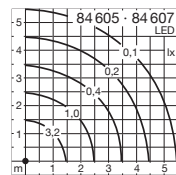
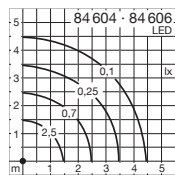
LED colour temperature: 3000 K – article number + **K3**

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®.

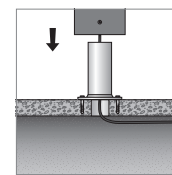
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

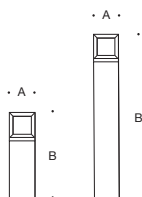




Anchorage unit



Screw-on base



LED garden and pathway luminaires

		LED	PSU	EEC	A	B	AC/DC
84 604	With anchorage unit	4.0 W	260 lm	On/Off	A ⁺⁺	120 × 120 400	✓
84 606	With screw-on base	4.0 W	260 lm	On/Off	A ⁺⁺	120 × 120 400	✓
84 605	With anchorage unit	4.0 W	260 lm	On/Off	A ⁺⁺	120 × 120 800	✓
84 607	With screw-on base	4.0 W	260 lm	On/Off	A ⁺⁺	120 × 120 800	✓





LED garden and pathway luminaires for the private sector
Shielded light, directed downwards

LED garden and pathway luminaires for light from a low mounting height. Compact luminaires in two sizes for many situations on footpaths and terraces in private gardens and house entrances. They illuminate ground surfaces glare-free and uniformly from a low height. Cost-effective and efficient LED technology makes them low-maintenance and modern luminaires for your garden architecture. The colour temperature corresponds to 3000 K warm white.

You can optionally order the luminaires:

- With anchorage unit
- With mounting plate

For the technical data of the anchorage units and mounting plate, see Page 551.

If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. For technical data, see Page 550.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Safety glass · On/Off power supply unit

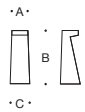
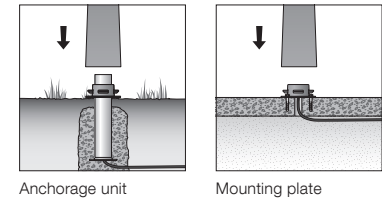
20 years' availability guarantee for LED modules

LED colour temperature: 3000 K – article number + **K3**

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED garden and pathway luminaires

		LED	PSU	EEC	A	B	C	AC/DC	
77 276	With anchorage unit	5.0 W	225 lm	On/Off	A++	70 × 70	250	90 × 90	✓
77 277	With mounting plate	5.0 W	225 lm	On/Off	A++	70 × 70	250	90 × 90	✓
84 108	With anchorage unit	13.6 W	810 lm	On/Off	A++	125 × 85	355	150 × 110	✓
84 176	With mounting plate	13.6 W	810 lm	On/Off	A++	125 × 85	355	150 × 110	✓





Portable LED floodlights

Consisting of **3 luminaires** with earth spike

Three LED garden floodlights as a single unit ready for connection. The floodlights are interconnected and need just one power connection. Each comes with an earth spike for easy positioning in the soil where they can jointly illuminate plants, small trees and objects in private gardens. Floodlight housing made of glass fibre reinforced synthetic material, adjustable without tools. A stunning and cost-effective trio that can be quickly used to perform numerous lighting applications with perfect results.

Protection class IP 65 · BEGA Thermal Management®

Housing and earth spike made of glass fibre reinforced synthetic material

Safety glass · Reflector surface made of pure aluminium · On/Off power supply unit

20 years' availability guarantee for LED modules

Burning position adjustment without tools

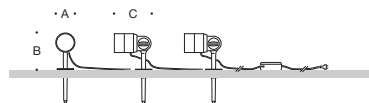
With 5 m cable between the IP X4 mains plug and the distribution box

Cable length between distribution box and each floodlight 3 m

LED colour temperature: 3000K – article number + **K3**

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®.

■ Luminaire colour graphite



3 LED garden floodlights with earth spike

	LED	PSU	EEC	A	B	C
84 393 3 floodlights with earth spike	12.0 W	840 lm	On/Off	A++	55	110 100





LED floodlight with mounting box, with earth spike or with ring base

Compact LED garden floodlights for illuminating objects, plants or building details in the private sector. Luminaires in three versions: with mounting box for permanent operation on the wall, ceiling, foundation, or with earth spike for changing purposes or with ring base. Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000 K.

Protection class IP 65 · BEGA Thermal Management®

Housing, mounting box, earth spike and ring base made of glass fibre reinforced synthetic material
Safety glass · Reflector surface made of pure aluminium · On/Off power supply unit

20 years' availability guarantee for LED modules

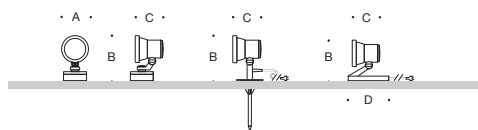
Burning position adjustment without tools

Floodlights with earth spike or ring base ready for connection with 5 m cable and IP X4 mains plug

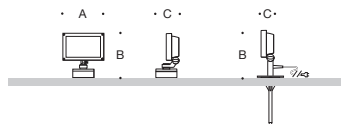
LED colour temperature: 3000 K – article number + **K3**

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®.

■ Luminaire colour graphite



LED garden floodlights round											
		LED	PSU	EEC	β	A	B	C	D	AC/DC	
84 366	With mounting box	6.5 W	440 lm	On/Off	A++	36°	105	190	110	—	✓
84 367	With earth spike	6.5 W	440 lm	On/Off	A++	36°	105	180	110	—	✓
84 368	With ring base	6.5 W	440 lm	On/Off	A++	36°	105	175	110	175	✓



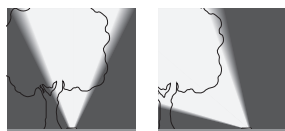
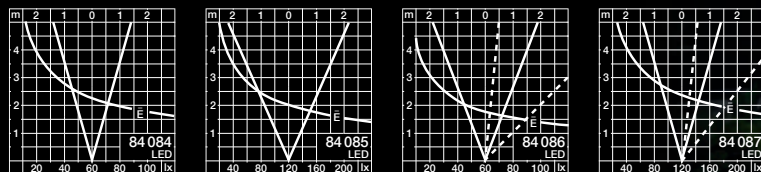
LED garden floodlights rectangular											
		LED	PSU	EEC	β	A	B	C			
84 360	With mounting box	12.0 W	905 lm	AC module	A++	78/94°	165	190	100		
84 361	With earth spike	12.0 W	905 lm	AC module	A++	78/94°	165	185	50		



A practical cable winder makes it possible to wind up the connecting cable in the ring base.



β = Half beam angle



Symmetrical

Asymmetrical

LED in-ground luminaires resistant to foot traffic

Symmetrical or asymmetrical light distribution

LED in-ground luminaires, resistant to foot traffic, with symmetrical or asymmetrical light distribution. The luminaire housing made of glass fibre reinforced synthetic material with trim ring made of stainless steel can be installed in the ground without drainage or foundation.

These are luminaires that emphasise and accentuate small trees, shrubs and objects in private gardens. Luminaires which allow you to experience the beauty of the garden, even when it is dark. Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000K.

Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase.

You can find our extensive range of in-ground luminaires for use in public areas including drive-over luminaires on Pages 244 to 275.

If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. For technical data, see Page 550.

Protection class IP 67 · BEGA Thermal Management®

Housing made of glass fibre reinforced synthetic material

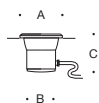
Trim ring made of stainless steel and safety glass lie flat in a single plane.

Reflector made of pure anodised aluminium · With connecting cable and water stop

BEGA Ultimate Driver® · On/Off power supply unit · 20 years' availability guarantee for LED module

LED colour temperature: 3000 K – article number + **K3**

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®.

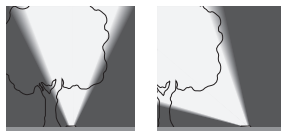
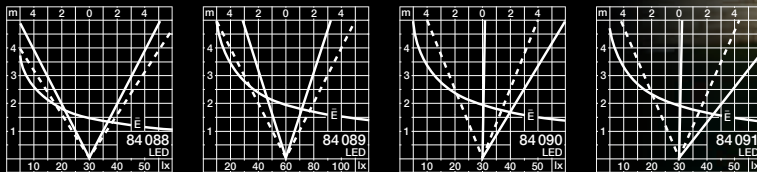


LED in-ground luminaires · Symmetrical light distribution									
	LED	PSU	EEC	β	A	B	C	AC/DC	
84 084	4.1 W	320 lm	On/Off	A++	32°	110	70	120	✓
84 085	6.0 W	615 lm	On/Off	A++	47°	155	95	170	✓

LED in-ground luminaires · Asymmetrical light distribution									
	LED	PSU	EEC	β	A	B	C	AC/DC	
84 086	4.1 W	320 lm	On/Off	A++	42°	110	70	120	✓
84 087	6.0 W	680 lm	On/Off	A++	31°	155	95	170	✓

β = Half beam angle





Symmetrical

Asymmetrical

LED in-ground luminaires resistant to foot traffic

Symmetrical and asymmetrical light distribution

LED in-ground luminaires resistant to foot traffic, with symmetrical and asymmetrical large-area light distribution. The luminaire housing made of glass fibre reinforced synthetic material with cover frame made of stainless steel can be installed in the ground without drainage or foundation. These luminaires highlight and accentuate façades, wall surfaces and objects in gardens in the colour temperature 3000K. These luminaires allow you to experience the beauty of the garden and its architectural details when it is dark.

The low connected wattage and long service life of the LED make these luminaires cost-effective devices with very long service intervals.

Please observe the technical information for each luminaire in the data sheets and the instructions for use on our website as early as the planning phase.

You can find our extensive range of in-ground luminaires for use in public areas including drive-over luminaires on Pages 244 to 275.

If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. For technical data, see Page 550.

Protection class IP 67 · BEGA Thermal Management®

Housing made of glass fibre reinforced synthetic material

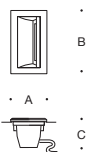
Cover frame made of stainless steel and safety glass lie flat in a single plane.

Reflector made of pure anodised aluminium · With connecting cable and water stop

BEGA Ultimate Driver® · On/Off power supply unit · 20 years' availability guarantee for LED module

LED colour temperature: 3000K – article number + **K3**

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®.



LED in-ground luminaires · Symmetrical light distribution

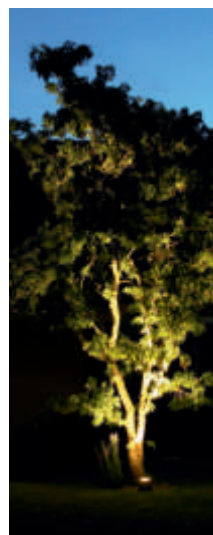
	LED	PSU	EEC	β	A	B	C	AC/DC
84 088	5.2 W 340 lm	On/Off	A++	93/103°	80	160	85	✓
80 089	7.2 W 580 lm	On/Off	A++	60/90°	115	240	95	✓

LED in-ground luminaires · Asymmetrical light distribution

	LED	PSU	EEC	β	A	B	C	AC/DC
84 090	5.2 W 325 lm	On/Off	A++	49/110°	80	160	85	✓
84 091	7.2 W 420 lm	On/Off	A++	56/108°	115	240	95	✓

β = Half beam angle





Portable LED on-ground floodlights for the private sector

Symmetrical or asymmetrical light distribution

The garden thrives on seasonal change, varying growth and different types of use. Portable BEGA floodlights create an effective lighting atmosphere and can easily be moved to a different location if necessary – allowing a multitude of different light effects to be achieved. The luminaires can be placed on lawn areas, on soil and also on paths and terraces. Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000K.

For the electrical connection, we recommend BEGA connecting pillars with safety sockets. For the technical data of the connecting pillars, see Pages 394 to 397.

Protection class IP 67 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium · On/Off power supply unit

20 years' availability guarantee for LED modules

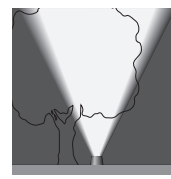
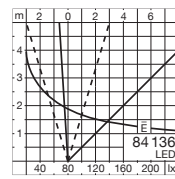
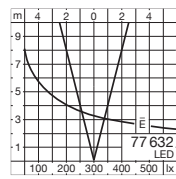
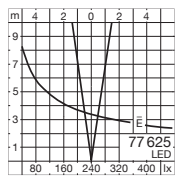
Ready for connection with 5 m cable and mains plug protection class IP X4

The cable length that is not required can be rolled up easily in the base of the luminaire.

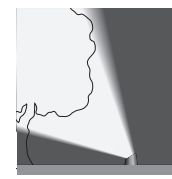
LED colour temperature: 3000K – article number + **K3**

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®.

■ Luminaire colour graphite



Symmetrical



Asymmetrical



A practical cable winder makes it possible to wind up the unused connecting cable in the base of the luminaire housing.



Symmetrical light distribution

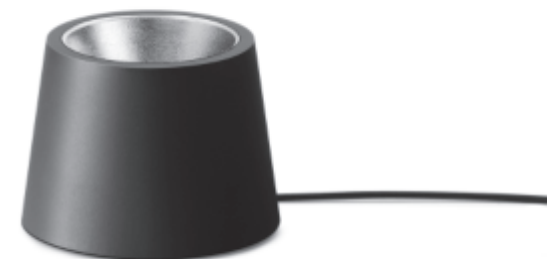
	LED	PSU	EEC	β	A	B
77 625	9.4 W	855 lm	On/Off	A++	17°	175 140
77 632	19.0 W	2030 lm	On/Off	A++	28°	205 150



Asymmetrical light distribution

	LED	PSU	EEC	β	A	B
84 136	19.4 W	1975 lm	On/Off	A++	75/60°	205 200

β = Half beam angle





Portable LED garden luminaire with earth spike for the private sector

Shielded directed light

This versatile LED luminaire is characterised especially by the option of adjusting the luminaire head. It can be turned by 30° in both directions, and the height is also infinitely adjustable. A luminaire for many small lighting applications in the private garden and in the terrace area. Shielded light with wide beam light distribution on the illuminated surface. A mobile luminaire which can simply be placed in lawns, flowerbeds or plants with an earth spike. If required the luminaires can swiftly be moved to a different location. Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000K.

For the electrical connection, we recommend BEGA connecting pillars with safety sockets. For the technical data of the connecting pillars, see Pages 394 to 397.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium and stainless steel · Vertical tube made of anodised aluminium
 Light deflection through synthetic cover with optical texture
 Ready for connection with 5 m cable and mains plug protection class IP X4
 BEGA Ultimate Driver® · On/Off power supply unit
 20 years' availability guarantee for LED modules

LED colour temperature: 3000K – article number + **K3**

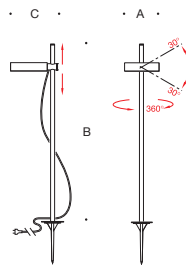
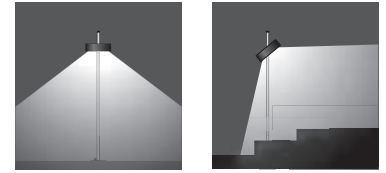
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

■ Luminaire colour graphite





These portable luminaires are secured in the ground with an earth spike.



LED garden luminaire						
	LED	PSU	EEC	A	B	C
55 045	5.1 W	455 lm	On/Off	A++	160	1000 225







These portable luminaires are secured in the ground with an earth spike.



Portable LED garden luminaires with earth spike for the private sector Unshielded light

A group of portable LED luminaires for the private garden. On paths, terraces and flowerbeds, these unshielded luminaires create a pleasant light effect. The glass unit made of high-quality three-ply opal glass is optionally available in three versions for illumination purposes: Spheres or cylinders act as unshielded light distributors. Flexible, portable design elements for domestic gardens. You can find permanent luminaires with the same form language on Page 366. Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000 K.

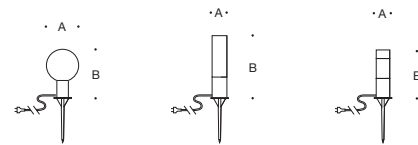
For the electrical connection, we recommend the BEGA connecting pillars with safety sockets. For the technical data of the connecting pillars, see Pages 394 to 397.

Protection class IP 65 · BEGA Thermal Management®
Housing and earth spike made of glass fibre reinforced synthetic material
Opal glass with threads
BEGA Ultimate Driver® · On/Off power supply unit
20 years' availability guarantee for LED module
Ready for connection with 5 m cable and mains plug protection class IP X4

LED colour temperature: 3000 K – article number + **K3**

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®.

■ Luminaire colour graphite



LED garden luminaire · Sphere

	LED	PSU	EEC	A	B
55 030	2.5 W	245 lm	On/Off	A++	150 260



LED garden luminaire · Cylinder

	LED	PSU	EEC	A	B
55 010	2.5 W	235 lm	On/Off	A++	70 340



LED garden luminaire · Cylinder

	LED	PSU	EEC	A	B
55 005	2.5 W	185 lm	On/Off	A++	65 270





**Portable garden luminaires “Sphere”
for the private sector**

Unshielded light

Portable garden luminaires for atmospheric lighting in private or in larger gardens. Thanks to their portability, they can adapt to changing conditions in their environment.

These spherical luminaires for lamps with screw base E 27 have a base plate made of stainless steel. Their own weight allows them to stand on the ground without mounting.

These luminaires develop their distinctive character as design elements in groups with different sphere diameters.

For the electrical connection, we recommend the BEGA connecting pillars with safety sockets.

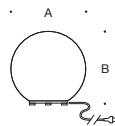
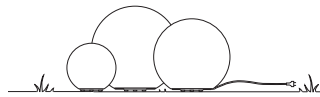
For the technical data of the connecting pillars, see Pages 394 to 397.

Protection class IP65 · Base plate stainless steel · Synthetic sphere, white
Ready for connection with 5 m cable and mains plug protection class IP X4

You can find further technical data in the product data sheets for the luminaires on our website.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

■ Luminaire colour graphite



You can find
LED lamps on
Page 534.

Portable garden luminaires

	Lamp	Base	EEC	A	B
55 013	1 lamp	75 W	E 27	A++-E	350 345
55 014	1 lamp	100 W	E 27	A++-E	450 445
55 015	1 lamp	150 W	E 27	A++-E	550 525
55 016	1 lamp	150 W	E 27	A++-E	630 615





Connecting pillars for the electrical power supply in the private sector

Like public areas, private gardens also require many electrical connection options for luminaires and other electrical equipment. For our portable luminaires we can offer you matching connecting pillars with safety sockets for private house and garden environments.

The connecting pillars can be ordered with one of the following options:

- With earth spike
- With screw-on base
- With anchorage unit

For technical data on anchorage units and screw-on bases, see Page 551.

Connecting pillars are available with two or three safety sockets.

Optionally with type F, type E or type G safety sockets.

- Type F: system common in Germany and Europe
- Type E: system common in France and Belgium
- Type G: system used in Great Britain ("Commonwealth plug")

You can find an overview of all type designations for sockets on Page 548.

Protection class IP 44

Cast aluminium, aluminium, stainless steel · Glass fibre reinforced synthetic material

Line connectors 3 × 2,5[□]

Portable connecting pillars ready for connection with 5 m cable and mains plug

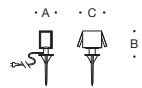
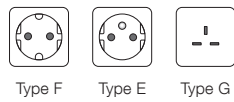
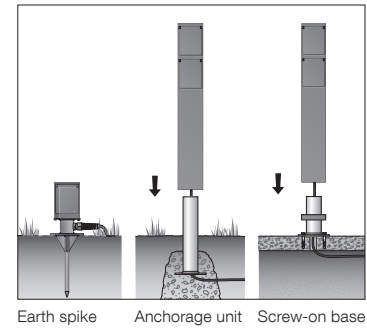
You can find BEGA Smart Socket connecting pillars for private use on Page 396.

You can find BEGA connecting pillars for the public sector on Page 398.

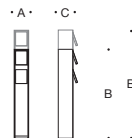
National safety regulations must be observed when installing and operating these connecting pillars. Earth fault circuit breakers and fuses must be connected on line side in the sub-main distribution circuit. Additional technical data can be found in the product data sheet for the connecting pillars on our website.

If through-wiring to a further connecting pillar is required, we recommend using BEGA distribution boxes. For technical data, see Page 550.

■ Colour graphite



Connecting pillar with 2 safety sockets						
Type F	Type E	Type G		A	B	C
70 713	13 543	13 577	With earth spike · 2 safety sockets	75	160	125



Connecting pillars with 2 safety sockets						
Type F	Type E	Type G		A	B	C
70 704	71 067	71 156	With anchorage unit · 2 safety sockets	75	500	75
70 706	71 068	71 158	With screw-on base · 2 safety sockets	75	500	75

Connecting pillars with 3 safety sockets						
Type F	Type E	Type G		A	B	C
70 705	71 069	71 157	With anchorage unit · 3 safety sockets	75	600	75
70 709	71 070	71 159	With screw-on base · 3 safety sockets	75	600	75





BEGA Smart Socket
Controllable connecting pillars for electrical power supply
in the private sector

The new BEGA Smart Socket connecting pillars turn your private garden into a smart garden. They are compatible with both LED luminaires and luminaires with conventional lamps. At close range, BEGA Smart Socket connecting pillars can be operated using your smartphone and the free BEGA Smart app.

For convenient operation from greater distances, we recommend our ONE or PRO remote controls. For technical data on our remote controls, see Page 360.

The garden luminaires you connect to the Smart Socket connecting pillar can be easily configured using the BEGA Smart app. Luminaire groups and lighting scenarios can be created intuitively and with little effort, and the system can be configured to turn on and off automatically. Of course, other electrical devices connected to the Smart Socket connecting pillars can also be controlled using your smartphone or remote control.

The connecting pillars can be ordered with one of the following options:

- With anchorage unit
- With screw-on base

For technical data on anchorage units and screw-on bases, see Page 551.

BEGA Smart Socket connecting pillars are available with either two or three type F, type E or type G safety sockets.

- Type F: system common in Germany and Europe
- Type E: system common in France and Belgium
- Type G: system used in Great Britain ("Commonwealth plug")

You can find an overview of all type designations for sockets on Page 548.

Protection class IP 44

Cast aluminium, aluminium, stainless steel · Glass fibre reinforced synthetic material

Line connectors 3 × 2.5[□]

Zigbee 3.0 and Bluetooth

You can find BEGA connecting pillars for private use on Page 394.

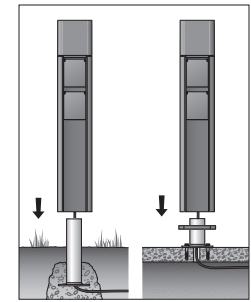
You can find BEGA connecting pillars for the public sector on Page 398.

National safety regulations must be observed when installing and operating these connecting pillars. Earth fault circuit breakers and fuses must be connected on line side in the sub-main distribution circuit. Additional technical data can be found in the product data sheet for the connecting pillars on our website.

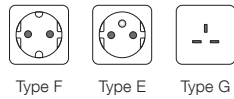
If through-wiring to a further connecting pillar is required, we recommend using BEGA distribution boxes. For technical data, see Page 550.

■ Colour graphite





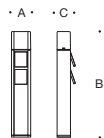
Anchorage unit Screw-on base



Type F

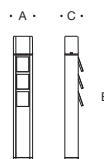
Type E

Type G



BEGA Smart Socket connecting pillars with 2 individually controllable safety sockets

Type F	Type E	Type G		A	B	C
71 095	71 099	71 132	With anchorage unit · 2 safety sockets	110	600	75
71 097	71 114	71 141	With screw-on base · 2 safety sockets	110	600	75



BEGA Smart Socket connecting pillars with 3 individually controllable safety sockets

Type F	Type E	Type G		A	B	C
71 096	71 100	71 133	With anchorage unit · 3 safety sockets	110	700	75
71 098	71 115	71 142	With screw-on base · 3 safety sockets	110	700	75





Connecting pillars for the electrical power supply in public and industrial areas

We can supply three connecting pillars for the connection of electrically operated equipment and vehicles as well as the power supply in public and industrial areas: Type 1 · 2 · 3.

Type 1 · 2 · 3 connecting pillars **with installation inserts** are factory-wired and ready for connection.

Type 1 and type 3 connecting pillars are **also available without installation inserts**.

They 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 connecting pillars 70 382 · 70 380 optionally with sockets for different international systems:

- Type F: system common in Germany and Europe
- Type E: system common in France and Belgium
- Type G: system used in Great Britain ("Commonwealth plug")
- Type B: system common in the US (NEMA 5)
- Type J: system common in Switzerland and Liechtenstein

You can find an overview of all type designations for sockets on Page 548.

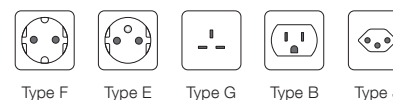
You can find connecting pillars for private use on Pages 394 to 397.

Installation must be carried out by approved electrical dealers. For the installation and operation of these devices, national safety regulations must be complied with. Additional technical data can be found in the product data sheet for the connecting pillars on our website.

Cast aluminium, aluminium and stainless steel · With door and connection terminals

The BEGA connecting pillars in this series are bolted with a mounting plate onto a foundation provided by the customer or onto an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For the technical data of anchorage units, see Page 553.

■ Colour graphite



Type F Type E Type G Type B Type J

Installation inserts for type 1 connecting pillars 70 382 · 70 380

Safety sockets

70 170	Socket type F	16 A · 250 V ~
70 176	Socket type E	16 A · 250 V ~
70 177	Socket type G	13 A · 250 V ~
70 178	Socket type B	20 A · 125 V ~
70 179	Socket type J	10 A · 250 V ~

Switches · Pushbuttons · Cylinder

70 171	Two-way switch	10 A · 250 V ~
70 172	Pushbutton NOC	10 A · 250 V ~
70 173	Control two-way switch	10 A · 250 V ~
70 174	Key-operated switch two-way	10 A · 250 V ~
70 175	Key-operated switch pushbutton	10 A · 250 V ~
70 180	Key cylinder for 70 174 + 70 175	

Installation inserts for type 3 connecting pillars · 71 014

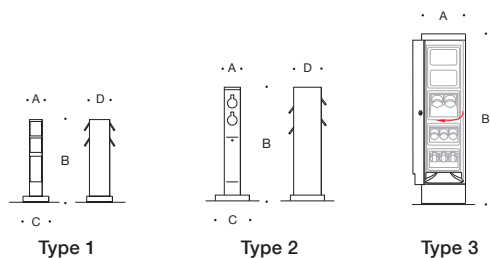
Connection compartment for a maximum of 2 inserts

- CEE sockets 16 A · 400 V ~ or
- CEE sockets 32 A · 400 V ~

and for a maximum of 6 inserts

- CEE sockets 16 A · 250 V ~ or
- Safety sockets type F 16 A · 250 V ~

70 190	Safety sockets type F	16 A · 250 V ~
70 191	CEE socket	16 A · 250 V ~
70 192	CEE socket	16 A · 400 V ~
70 193	CEE socket	32 A · 400 V ~



Type 1

Type 2

Type 3

Connecting pillars **with** installation inserts · IP 44

Anch. unit

			A	B	C	D	
1	70 375	with 2 safety sockets type F	75	500	155	125	70 895
	70 376	with 1 safety socket type F + 1 switch	75	500	155	125	70 895
	70 377	with 4 safety sockets type F	75	500	155	125	70 895
	70 378	with 3 safety sockets type F + 1 switch	75	500	155	125	70 895

Connecting pillars **without** installation inserts · IP 44

Anch. unit

1	70 382	for a maximum of 2 inserts	75	500	155	125	70 895
	70 380	for a maximum of 4 inserts	75	500	155	125	70 895

Connecting pillars **with** installation inserts · IP X4

Anch. unit

			A	B	C	D		
2	70 383	with 4 CEE sockets	16 A · 250V ~	100	700	205	170	70 895
	70 384	with 2 CEE sockets and	16 A · 250V ~	100	700	205	170	70 895
		2 CEE sockets	16 A · 400V ~					

Connecting pillars **with** installation inserts and **with** safety lock · IP X4

Anch. unit

			A	B		
3	71 013	with 2 CEE sockets	16 A · 400V ~	265	1035	70 896
		3 CEE sockets	16 A · 250V ~			
		3 safety sockets type F	16 A · 250V ~			
		1 residual current device	40 A · 30 mA			
		2 automatic cutouts	C 16 A 3-pole			
		6 automatic cutouts	C 16 A 1-pole			
71 015	with charging module insert for electric cars		265	1035	70 896	

Connecting pillars · **Without** installation inserts and **with** safety lock · IP X4

Anch. unit

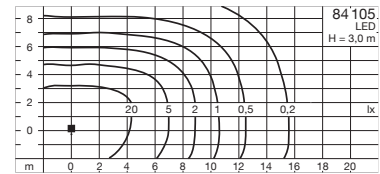
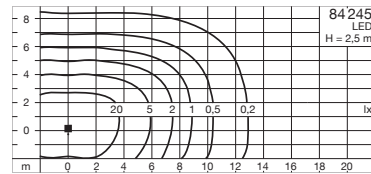
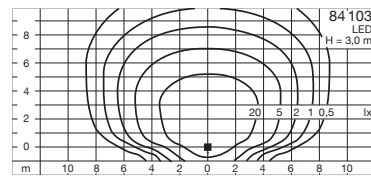
3	71 014	w/o Installation inserts with 2 fuse boxes, 8-part	265	1035	70 896
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Type 1

Type 2

Type 3



LED pole-top luminaires

Asymmetrical or asymmetrical flat beam light distribution

Pole-top luminaires with two different light distributions:

- With asymmetrical light distribution for providing spatial illumination of surfaces and smaller squares or
- With asymmetrical flat beam light distribution for providing illumination of smaller driveways and streets as well as path illumination

Using the adjustable attack angle of the luminaire housings, the light distribution can be adjusted exactly to the surface to be illuminated.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Safety glass · Reflector made of pure anodised aluminium

Attack angle infinitely adjustable from 0° to 90°

DALI controllable

20 years' availability guarantee for LED modules

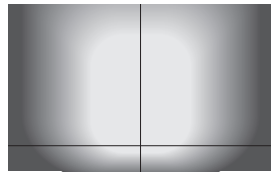
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, anchorage units and connection boxes on Pages 553 to 563.

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

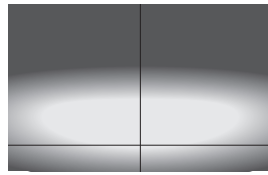
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

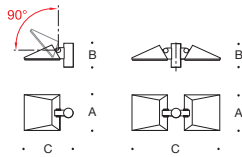
■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical



Asymmetrical flat beam



Pole-top luminaires · **asymmetrical**

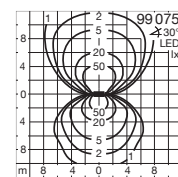
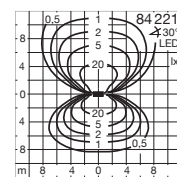
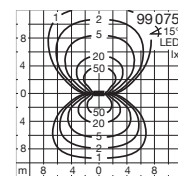
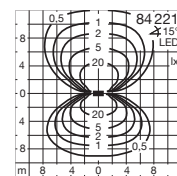
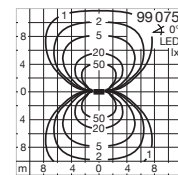
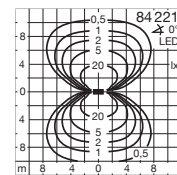
Luminaire poles

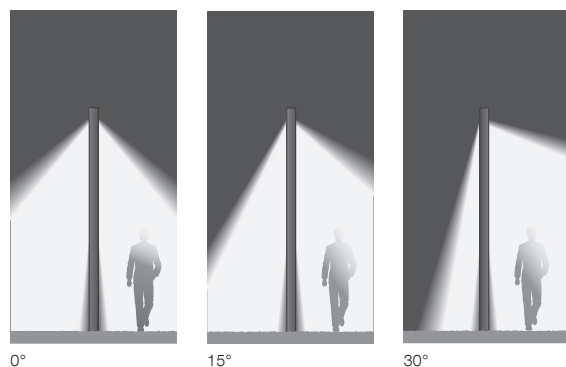
	LED	PSU	EEC	AC/DC		A	B	C	For pole heights	Top	Groups	
84 103	22.5 W	2525 lm	DALI	A++	✓	Single	260	190	360	2500-3000	Ø60	32 · 12
84 104	2 × 22.5 W	5050 lm	DALI	A++	✓	Double	260	190	630	2500-3000	Ø60	32 · 12

Pole-top luminaires · **asymmetrical flat beam**

Luminaire poles

	LED	PSU	EEC	AC/DC		A	B	C	For pole heights	Top	Groups	
84 245	15.5 W	2000 lm	DALI	A++	✓	Single	260	190	360	2500-3000	Ø60	32 · 12
84 105	22.5 W	2900 lm	DALI	A++	✓	Single	260	190	360	2500-3000	Ø60	32 · 12
84 246	2 × 15.5 W	4000 lm	DALI	A++	✓	Double	260	190	630	2500-3000	Ø60	32 · 12
84 106	2 × 22.5 W	5800 lm	DALI	A++	✓	Double	260	190	630	2500-3000	Ø60	32 · 12





0°

15°

30°

LED light building elements

Adjustable light distribution

LED light building element with different mounting heights and with adjustable light distribution. An internal adjusting device allows the optical system to be adjusted from 0° to 15° or 30°. In this way, symmetrical light distribution with the equal proportions of light or different, asymmetrical lighting conditions can be achieved.

Light building elements are luminous design elements for public areas.

They are particularly suitable for dividing and structuring outdoor spaces. They can be used to guide or lead people and vehicles. On Page 332, you can find bollards whose shape and design match these luminaires.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass · Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

The optical system can be adjusted to 0°, 15° or 30°.

Luminaire 84 221: Door and connection box 71 084

Luminaire 99 075: Door and connection box 70 629

For the technical data of connection boxes, see Page 555.

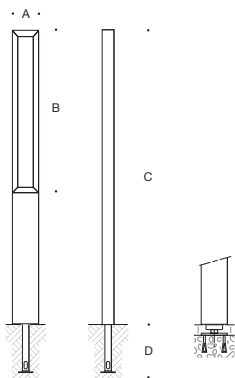
BEGA light building elements from this series are secured in the ground on an anchorage unit made of hot-dip galvanised steel, or they are bolted onto a foundation provided by the customer using a screw-on base. Anchorage units and screw-on bases are accessories and must be ordered separately. You can find the technical data in the instructions for use and data sheets for the anchorage units and screw-on bases on our website.

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

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED light building elements										Anchorage unit		Screw-on base	
	LED	PSU	EEC	A	B	C	D	AC/DC					
84 221	32.0 W	2345 lm	DALI	A++	270 × 140	1850	3500	800	✓	71 140	70 833		
99 075	41.8 W	3700 lm	DALI	A++	400 × 180	2500	4500	800	✓	71 139	70 844		





Modular LED light building elements

On one side or on two sides

Light building elements are illuminating and structure-forming components for public areas. Pedestrian zones and public squares in inner-city areas are just some examples of areas that require illuminating design elements. These are the places where additional functions such as publicly accessible WiFi, additional floodlights or loudspeakers are in demand and almost taken for granted today. BEGA light building elements are perfect for installing the necessary technology. We have developed a new modular light building element for these requirements. This concept makes it possible not only to install the illumination functions but also to meet additional technical requirements in public spaces in one installation location. Simply use the configurator on our website to design the light building element for your requirements. These light building elements are available in three heights, 4500 · 5000 · 5500 mm.

The following functions can be integrated:

- Unshielded LED lighting modules in the lengths 250 · 500 · 1000 · 1500 mm
- WiFi module with aerial unit
- Adjustable LED floodlights for illuminating architectural details
- Camera module
- Loudspeaker module
- Lighting modules with different light characteristics

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass
BEGA Ultimate Driver®

The technical data for the modular light building element and its individual modules can be found in the configurator on our website.





Configurator

Plan how you will combine these light building elements using the configurator on our website (<https://mbe.bega.com/>). Choose one of the three height options and simply combine the light building element with the desired modules to suit your requirements.

Modular LED light building elements

- 84 688** Height 4500 mm
- 84 679** Height 5000 mm
- 84 689** Height 5500 mm

Modules · Brief description

	<p>WiFi module with aerial unit</p> <p>The WiFi module for public WiFi is installed together with an aerial unit.</p> <p>The planning and start-up service is provided by our telecommunications system partner: "The Cloud Networks Germany GmbH" and "Telekom Deutschland GmbH".</p>
	<p>Camera module</p> <p>The camera module is suitable for identifying people, objects and vehicles.</p> <p>1080p HDTV resolution with 120 images/sec</p> <p>Suitable for daytime and night-time operation</p> <p>WDR Forensic Capture</p> <p>Electronic image stabilisation</p> <p>Certified according to IK 10+</p>
	<p>Adjustable LED floodlight module</p> <p>The LED floodlight has an adjustable inclination angle and is used to illuminate architectural details, trees or plants.</p> <p>Connected wattage 13.1 W · 1115 lm</p> <p>Half beam angle 14°</p> <p>Can be rotated 360°, adjustable inclination angle of 0°-30°</p>
	<p>Unshielded LED lighting modules</p> <p>Unshielded LED lighting modules are the primary light source of a light building element.</p> <p>Available lengths 250 · 500 · 1000 · 1500 mm.</p> <p>Connected wattage · Luminaire luminous flux</p> <p>250 mm lighting module · 6.8 W · 505 lm</p> <p>500 mm lighting module · 13.6 W · 1010 lm</p> <p>1000 mm lighting module · 27.2 W · 2020 lm</p> <p>1500 mm lighting module · 40.8 W · 3030 lm</p>
	<p>Loudspeaker module</p> <p>We can optionally supply the sound module with an integrated non-visible flat-panel speaker for connection to an external amplifier unit or with a built-in amplifier unit.</p>
	<p>LED lighting modules</p> <p>Lighting modules with two different intensities of light distribution, designed primarily for installation in the lower part of the light building element.</p> <p>They are also suitable for marking danger points or illuminating paths.</p>

WiFi module
with aerial unit

Camera module

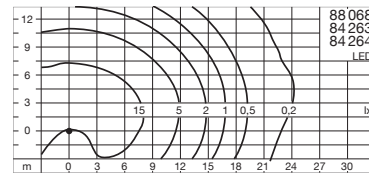
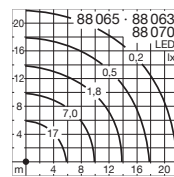
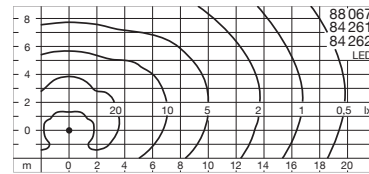
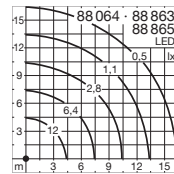
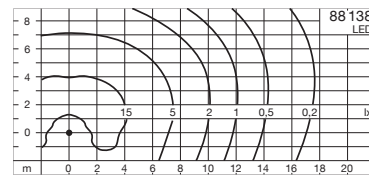
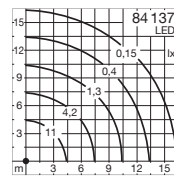
Adjustable
LED floodlight module

Unshielded
LED lighting modules

Loudspeaker module

LED lighting modules with
various light distributions





Light building elements

Symmetrical or asymmetrical flat beam light distribution

Light building elements are luminous design elements for public areas. They are particularly suitable for dividing and structuring outdoor spaces. They can be used to guide or lead people and vehicles. Their attention-drawing power is considerably greater than that of pole-top luminaires. Light building elements can be used to serve the architectural structure or to highlight it spectacularly. These light building elements are ideal for the energy-efficient illumination of streets, parking spaces and traffic-calmed areas.

These light building elements are ideal for the energy-efficient illumination of streets, parking spaces and traffic-calmed areas. They are available with a choice of symmetrical or asymmetrical flat beam light distribution and with different mounting heights. Symmetrical light distribution is ideal for illuminating squares, while asymmetrical flat beam light distribution is particularly suitable for illuminating streets.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Synthetic cylinder, clear

Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

Luminaires without additional floodlights: Door and connection box 71 084

Luminaires with additional floodlights: Door and connection box 70 647

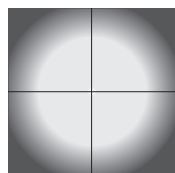
Power reduction accessories for LED luminaires with DALI interfaces and the technical data for the connection boxes can be found on Page 554.

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

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®.

Luminaire colour graphite or silver

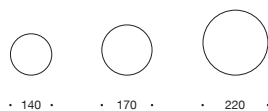
■ Graphite – article number · ■ Silver – article number + **A**



Symmetrical



Asymmetrical flat beam



Symmetrical

	LED	
84 137	22.5 W	2330 lm
88 064	34.5 W	3590 lm
88 065	53.0 W	6170 lm

Symmetrical + 1 floodlight

	LED	
88 863	34.5 W 1x 7.0 W	3590 lm 610 lm
88 063	53.0 W 1x 13.0 W	6170 lm 1115 lm

Symmetrical + 2 floodlights

	LED	
88 865	34.5 W 2x 7.0 W	3590 lm 610 lm
88 070	53.0 W 2x 13.0 W	6170 lm 1115 lm

Light building elements · Asymmetrical flat beam

	LED	PSU	EEC		A	B	C	D	AC/DC
84 138	22.5 W	2255 lm	DALI	A++	140	450	4000	800	✓
88 067	34.5 W	3565 lm	DALI	A++	170	600	4500	800	✓
88 068	53.0 W	6110 lm	DALI	A++	220	700	5000	1000	✓

Light building elements · Asymmetrical flat beam + 1 floodlight

	LED	PSU	EEC	β	A	B	C	D	AC/DC	
84 261	34.5 W 1x 7.0 W	3565 lm 610 lm	DALI DALI	A++ A++	— 17°	170	600	4500	800	✓
84 263	53.0 W 1x 13.0 W	6110 lm 1115 lm	DALI DALI	A++ A++	— 14°	220	700	5000	1000	✓

Light building elements · Asymmetrical flat beam + 2 floodlights

	LED	PSU	EEC	β	A	B	C	D	AC/DC	
84 262	34.5 W 2x 7.0 W	3565 lm 610 lm	DALI DALI	A++ A++	— 17°	170	600	4500	800	✓
84 264	53.0 W 2x 13.0 W	6110 lm 1115 lm	DALI DALI	A++ A++	— 14°	220	700	5000	1000	✓

Accessories



— —
10 043 10 014

— —
10 047 10 016

Accessories



— —
10 043 10 014

— —
10 047 10 016

β = Half beam angle

Diffuser lenses

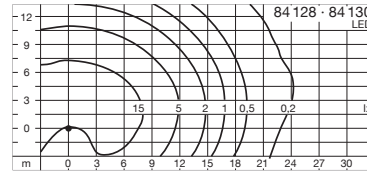
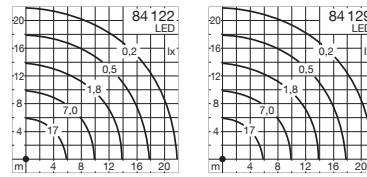


Wide beam



Flat beam





Aerial unit with WiFi module and module slide-in unit

BEGA WiFi light building elements

Symmetrical or asymmetrical flat beam light distribution
optionally with 1 adjustable floodlight

Light building elements are illuminating and structure-forming components for public areas. Pedestrian zones and public squares in inner-city areas are just some examples of areas that require illuminating design elements. These are the places where additional functions such as publicly accessible WiFi are in demand and almost taken for granted today. BEGA light building elements are perfect for installing the necessary technology. They have an integrated aerial unit and are prepared for installation of a WiFi module. The planning and start-up service is provided by our telecommunications system partner, "The Cloud Networks Germany GmbH" or "Telekom Deutschland GmbH". You can find the technical on the light building elements in the data sheets on our website. On request we can also supply the light building elements prepared for the installation of WiFi modules by other telecommunications system partners.

These light building elements are available with a choice of symmetrical or asymmetrical flat beam light distribution and with different mounting heights. Symmetrical light distribution is ideal for illuminating squares, while asymmetrical flat beam light distribution is particularly suitable for illuminating streets.

Another option is an integral, adjustable LED floodlight to illuminate architectural details in the immediate vicinity of the luminaires.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Synthetic cylinder, clear · Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

Door and connection box 70 647 · Including anchorage unit

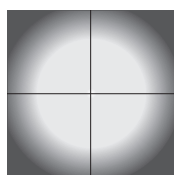
Power reduction accessories for LED luminaires with DALI interfaces and the technical data for the connection boxes can be found on Page 554.

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

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Symmetrical



Asymmetrical flat beam



Symmetrical

	LED	
84 122	53.0 W	6170 lm

Light building elements · Asymmetrical flat beam

	LED		PSU	EEC	A	B	C	D
84 128	53.0 W	6110 lm	DALI	A++	220	700	5000	1000

Symmetrical + 1 floodlight

	LED	
84 129	53.0 W	6170 lm
	14.0 W	1115 lm

Light building elements · Asymmetrical flat beam + 1 floodlight

	LED		PSU	EEC	β	A	B	C	D
84 130	53.0 W	6110 lm	DALI	A++	—	220	700	5000	1000
	14.0 W	1115 lm	DALI	A++	14°				

Accessories

		
	—	—
	10047	10016

β = Half beam angle

Diffuser lenses

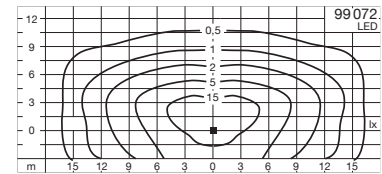
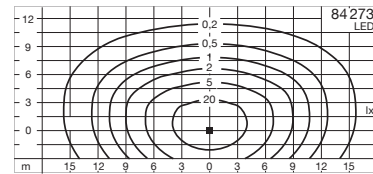
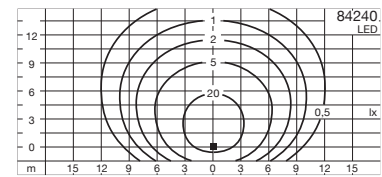
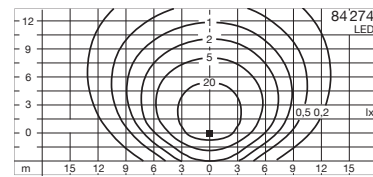


wide beam



flat beam





LED light building elements

Asymmetrical and asymmetrical flat beam light distribution · Single and double

Light building elements are luminous design elements for public areas. They are particularly suitable for dividing and structuring outdoor spaces. They can be used to guide or lead people and vehicles. Their attention-drawing power is considerably greater than that of pole-top luminaires. Light building elements can be used to serve the architectural structure or to highlight it spectacularly.

These light building elements are ideal for the energy-efficient illumination of streets, parking spaces and traffic-calmed areas. They are available with a choice of symmetrical or asymmetrical flat beam light distribution and with different mounting heights. Symmetrical light distribution is ideal for illuminating squares, while asymmetrical flat beam light distribution is particularly suitable for illuminating streets.

We can also supply these luminaires in safety class II as custom-made products. On Page 192, you can find wall luminaires whose shape and design match these luminaires, and on Page 328 you can find bollards.

Protection class IP 65 · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Safety glass
Reflector made of pure anodised aluminium
DALI controllable

20 years' availability guarantee for LED modules
Door and connection box 70 629

Power reduction accessories for LED luminaires with DALI interfaces and the technical data for the connection boxes can be found on Page 554.

BEGA light building elements from this series are secured in the ground on an anchorage unit made of hot-dip galvanised steel, or they are bolted onto a foundation provided by the customer using a screw-on base. Anchorage units and screw-on bases are accessories and must be ordered separately. You can find the technical data in the instructions for use and data sheets for the anchorage units and screw-on bases on our website.

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

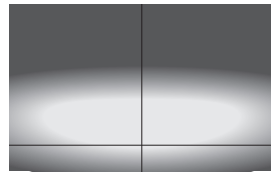
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

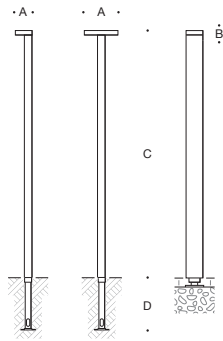
■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical



Asymmetrical flat beam



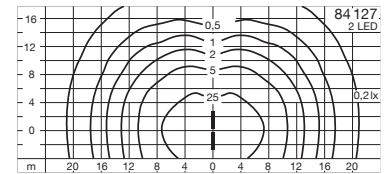
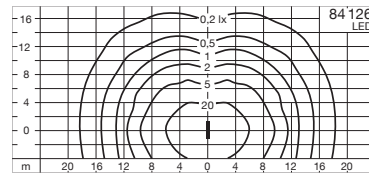
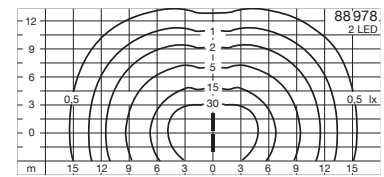
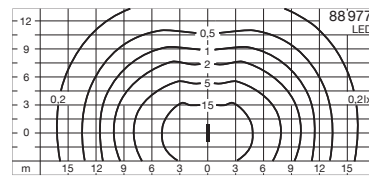
Light building elements · Asymmetrical

	LED		PSU	EEC	AC/DC		A	B	C	D	Anchorage unit	Screw-on base
84 274	20.0 W	2405 lm	DALI	A++	✓	Single	285 × 240	65	3500	800	71 140	70 833
84 240	20.0 W	2405 lm	DALI	A++	✓	Single	320 × 240	105	4500	800	71 140	70 833
84 276	2 × 20.0 W	4810 lm	DALI	A++	✓	Double	460 × 240	65	3500	800	71 140	70 833
84 241	2 × 20.0 W	4810 lm	DALI	A++	✓	Double	520 × 240	105	4500	800	71 140	70 833

Light building elements · Asymmetrical flat beam

	LED		PSU	EEC	AC/DC		A	B	C	D	Anchorage unit	Screw-on base
84 273	19.0 W	2380 lm	DALI	A++	✓	Single	285 × 240	65	3500	800	71 140	70 833
99 072	19.0 W	2380 lm	DALI	A++	✓	Single	320 × 240	105	4500	800	71 140	70 833
84 275	2 × 19.0 W	4760 lm	DALI	A++	✓	Double	460 × 240	65	3500	800	71 140	70 833
99 076	2 × 19.0 W	4760 lm	DALI	A++	✓	Double	520 × 240	105	4500	800	71 140	70 833





LED light building elements

Asymmetrical flat beam light distribution · Single and double

LED light building elements with asymmetrical flat beam light distribution, optionally in single or double configuration.

Light building elements are luminous design elements for public areas.

They are particularly suitable for dividing and structuring outdoor spaces. They can be used to guide or lead people and vehicles. Their attention-drawing power is considerably greater than that of pole-top luminaires. Light building elements can be used to serve the architectural structure or to highlight it spectacularly.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

Attack angle adjustable to 0° or 10° · Door and connection box 70 629

Power reduction accessories for LED luminaires with DALI interfaces and the technical data for the connection boxes can be found on Page 554.

BEGA light building elements from this series are secured in the ground on an anchorage unit made of hot-dip galvanised steel, or they are bolted onto a foundation provided by the customer using a screw-on base. Anchorage units and screw-on bases are accessories and must be ordered separately. You can find the technical data in the instructions for use and data sheets for the anchorage units and screw-on bases on our website.

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

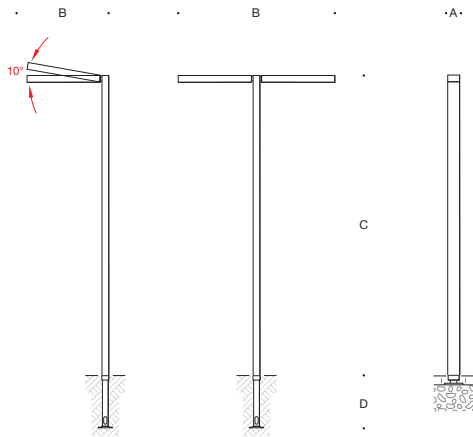
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical flat beam



Light building elements · **Single**

	LED	PSU	EEC	A	B	C	D	AC/DC	Anchorage unit	Screw-on base	
88 977	22.0 W	2400 lm	DALI	A++	95 × 155	1100	4600	800	✓	71 140	70 833
84 126	43.5 W	4780 lm	DALI	A++	95 × 155	1100	4600	800	✓	71 140	70 833

Light building elements · **Double**

	LED	PSU	EEC	A	B	C	D	AC/DC	Anchorage unit	Screw-on base	
88 978	2 × 22.0 W	4800 lm	DALI	A++	95 × 155	2100	4600	800	✓	71 140	70 833
84 127	2 × 43.5 W	9560 lm	DALI	A++	95 × 155	2100	4600	800	✓	71 140	70 833





LED light building elements

LED light building elements with a square layout. They have unshielded light emission on four sides and are available with different mounting heights.

Light building elements are luminous design elements for public areas. They are particularly suitable for dividing and structuring outdoor spaces. Their attention-drawing power is significantly greater than that of pole-top luminaires. Light building elements can be used to serve the architectural structure or to highlight it spectacularly.

We can also supply these luminaires in safety class II as custom-made products.

You can find bollards whose shape and design match the luminaires in this series on Page 334 – and wall luminaires on Page 136.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · White synthetic cover · Door and connection box 71 084

DALI controllable · 20 years' availability guarantee for LED modules

Power reduction accessories for LED luminaires with DALI interfaces and the technical data for the connection boxes can be found on Page 554.

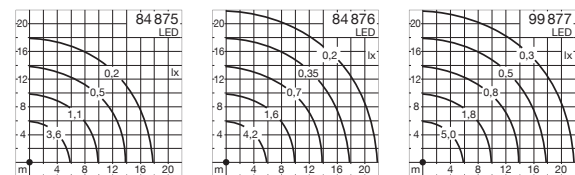
BEGA light building elements from this series are secured in the ground on an anchorage unit made of hot-dip galvanised steel, or they are bolted onto a foundation provided by the customer using a screw-on base. Anchorage units and screw-on bases are accessories and must be ordered separately. You can find the technical data in the instructions for use and data sheets for the anchorage units and screw-on bases on our website.

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

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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

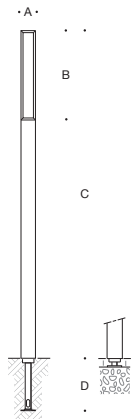




Page 334



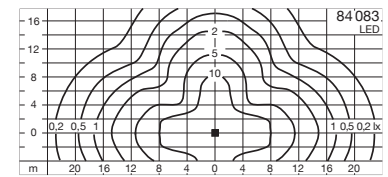
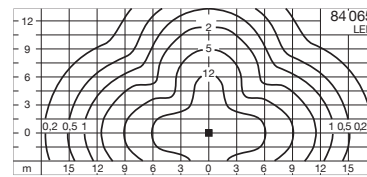
Page 136



LED light building elements

	LED	PSU	EEC	A	B	C	D	AC/DC	Anchorage unit	Screw-on base
84 875	53.0 W 5420 lm	DALI	A++	160×160	1250	4000	800	✓	71 136	70 819
84 876	68.0 W 6450 lm	DALI	A++	220×220	1350	5000	800	✓	71 137	70 829
99 877	96.0 W 8020 lm	DALI	A++	400×400	1350	5000	1200	✓	71 138	—





LED light building elements

Symmetrical wide beam light distribution

LED light building elements with different mounting heights and with symmetrical wide beam light distribution for a high degree of illuminance on the ground surface.

Light building elements are luminous design elements for public areas. They are particularly suitable for dividing and structuring outdoor spaces. Their attention-drawing power is considerably greater than that of pole-top luminaires. Light building elements can be used to serve the architectural structure or to highlight it spectacularly. On Page 330, you can find bollards whose shape and design match the luminaires in this series.

Protection class IP 65 · BEGA Thermal Management®

Safety class II · Cast aluminium, aluminium and stainless steel · Crystal glass

Reflector made of pure anodised aluminium · Door and connection box

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories for LED luminaires with DALI interfaces

and the technical data for the connection boxes can be found on Page 554.

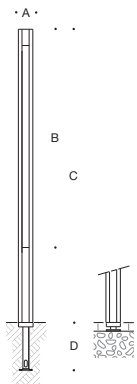
BEGA light building elements from this series are secured in the ground on an anchorage unit made of hot-dip galvanised steel, or they are bolted onto a foundation provided by the customer using a screw-on base. Anchorage units and screw-on bases are accessories and must be ordered separately. You can find the technical data in the instructions for use and data sheets for the anchorage units and screw-on bases on our website.

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

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®.

Luminaire colour graphite or silver

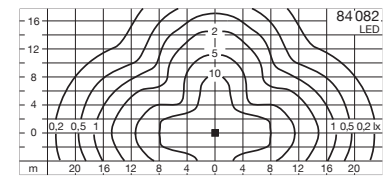
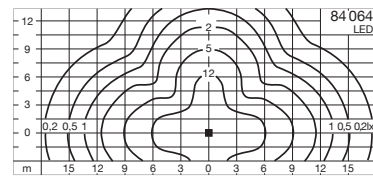
■ Graphite – article number · ■ Silver – article number + **A**



LED light building elements

	LED	PSU	EEC	Connection box	A	B	C	D	AC/DC	Anchorage unit	Screw-on base
84 065	44.0 W 2595 lm	DALI	A++	70 632	220×200	3600	4500	800	✓	71 137	70 829
84 083	66.0 W 5120 lm	DALI	A++	70 629	300×300	4800	6000	1000	✓	71 135	70 848





LED light building elements

Symmetrical wide beam light distribution

LED light building elements with different mounting heights and with symmetrical wide beam light distribution for a high degree of illuminance on the ground surface.

Light building elements are luminous design elements for public areas. They can be used to guide or lead people and vehicles. Their attention-drawing power is considerably greater than that of pole-top luminaires. Light building elements can be used to serve the architectonic structure or even to highlight it spectacularly.

We can also supply these luminaires in safety class II as custom-made products. On Page 318, you can find bollards whose shape and design match the luminaires in this series.

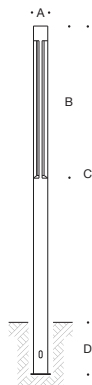
Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Crystal glass
 Reflector made of pure anodised aluminium
 BEGA Ultimate Driver® · DALI controllable
 20 years' availability guarantee for LED modules
 Door and connection box 71 084 · including anchorage unit
 Power reduction accessories for LED luminaires with DALI interfaces
 and the technical data for the connection boxes can be found on Page 554.

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

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®.

Luminaire colour graphite or silver

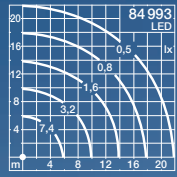
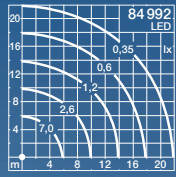
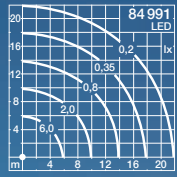
■ Graphite – article number · ■ Silver – article number + **A**



LED light building elements

	LED	PSU	EEC	A	B	C	D	AC/DC
84 064	44.0 W 2310 lm	DALI	A++	Ø220	2300	4500	800	✓
84 082	66.0 W 4705 lm	DALI	A++	Ø300	3000	6000	1000	✓







LED light building elements

Unshielded light

Unshielded LED light building elements with different mounting heights and rotationally symmetrical light distribution.

Light building elements are luminous design elements for public areas. They are particularly suitable for dividing and structuring outdoor spaces. They can be used to guide or lead people and vehicles. Their attention-drawing power is considerably greater than that of pole-top luminaires. Light building elements can be used to serve the architectural structure or to highlight it spectacularly.

On request, we can also supply luminaires from this series with a base plate.

We can also supply these luminaires in safety class II as custom-made products.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · White synthetic cylinder

DALI controllable

20 years' availability guarantee for LED modules

Door and connection box 71 084 · including anchorage unit

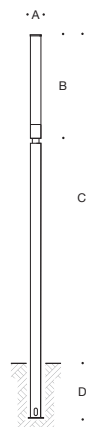
Power reduction accessories for LED luminaires with DALI interfaces and the technical data for the connection boxes can be found on Page 554.

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

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®.

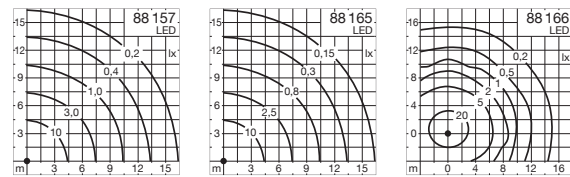
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED light building elements									
	LED		PSU	EEC	A	B	C	D	AC/DC
84 991	54.0 W	7355 lm	DALI	A++	Ø 140	1400	4000	800	✓
84 992	70.0 W	8950 lm	DALI	A++	Ø 170	1600	5000	1000	✓
84 993	80.0 W	10 575 lm	DALI	A++	Ø 220	2000	6500	1000	✓





LED light building elements

Unshielded light, symmetrical or asymmetrical flat beam light distribution

Light building elements are luminous design elements for public areas. They are particularly suitable for dividing and structuring outdoor spaces. They can be used to guide or lead people and vehicles. Their attention-drawing power is considerably greater than that of pole-top luminaires. Light building elements can be used to serve the architectural structure or to highlight it spectacularly.

Luminaires with translucent white synthetic cover create an unshielded, symmetrical light distribution with pleasant visual comfort. With a clear synthetic cover, they are optionally available with symmetrical or asymmetrical flat beam light distribution and a high degree of illuminance.

Protection class IP 65 · Safety class II · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Synthetic cover, translucent white or clear

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

88 165 · 88 166 Reflector made of pure anodised aluminium

Door and connection box 71 084

Power reduction accessories for LED luminaires with DALI interfaces and the technical data for the connection boxes can be found on Page 554.

Cylindrical pole Ø 135 mm

LED colour temperature: 3000 K – article number + **K3** or

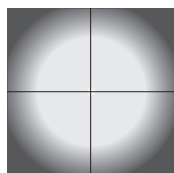
4000 K – article number + **K4**

Also available in 2200 K as custom-made products.

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®.

Luminaire colour graphite or silver

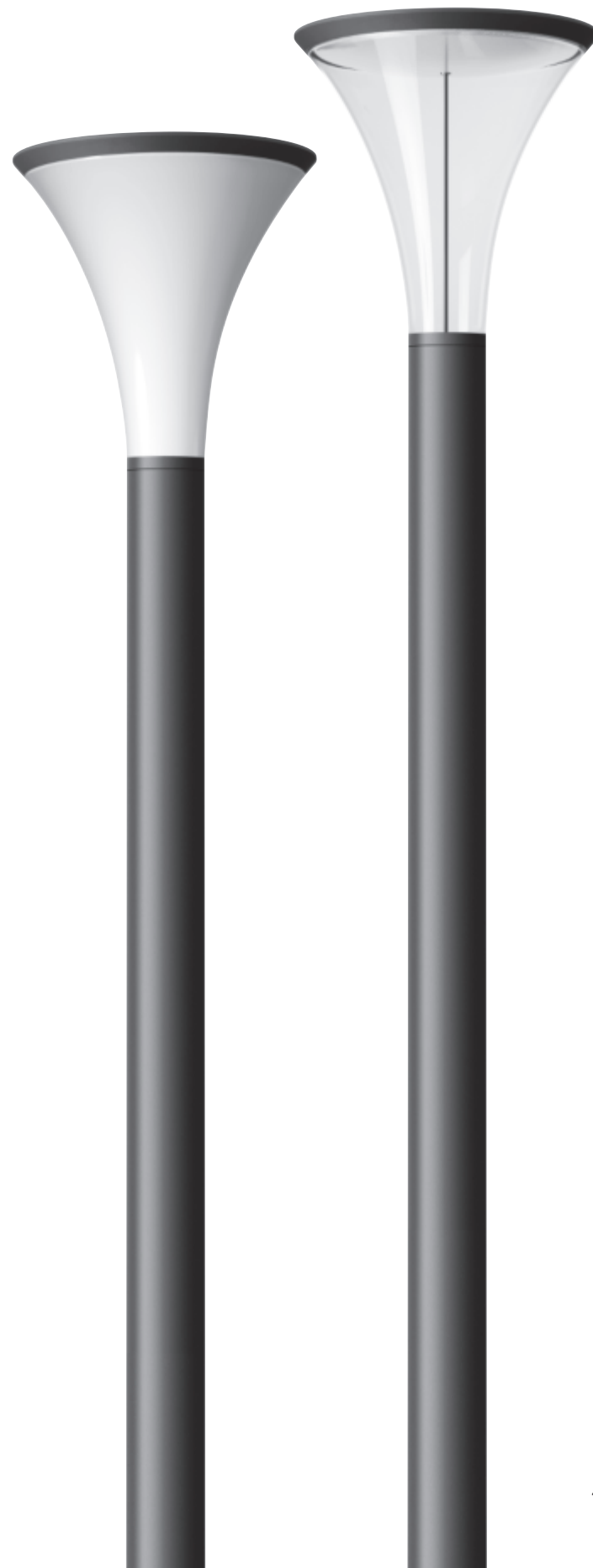
■ Graphite – article number · ■ Silver – article number + **A**



Symmetrical



Asymmetrical flat beam



Unshielded · Synthetic cover, **translucent white**

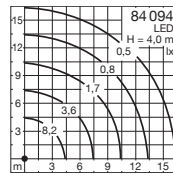
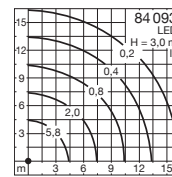
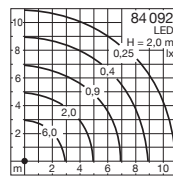
	LED	PSU	EEC	A	B	C	D
88 157	26.7 W	2565 lm	DALI	A++	510	550	4000 800

Symmetrical · Synthetic cover, **clear**

	LED	PSU	EEC	A	B	C	D
88 165	26.7 W	2475 lm	DALI	A++	510	550	4000 800

Asymmetrical flat beam · Synthetic cover, **clear**

	LED	PSU	EEC	A	B	C	D
88 166	26.3 W	2445 lm	DALI	A++	510	550	4000 800



The sphere · Pole-top luminaires

Unshielded light

The sphere, in its many different forms, is surely the classic among unshielded luminaires. This timeless luminaire design has lost none of its topicality. These luminaires have been integral components of our outdoor and indoor luminaire ranges for decades. We have now fitted these luminaires with state-of-the-art LED. They create unshielded light with a high degree of uniformity and ensure good visual comfort on pathways, in parks, gardens, driveways, traffic-calmed areas and car parks.

Protection class IP 65 · 99282 Protection class IP 44
BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · White synthetic material

LED luminaires: DALI controllable

20 years' availability guarantee for LED modules

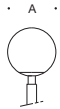
Power reduction accessories with DALI interface can be found on Page 554.

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. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

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®. You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

■ Luminaire colour graphite



You can find
LED lamps
on Page 534.

Pole-top luminaires									Poles	
	LED		PSU	EEC	AC/DC	A	For pole heights	Top	Groups	
84 092	13.8 W	1875 lm	DALI	A++	✓	Ø 350	2000	Ø 60	32 · 12	
84 093	30.8 W	4075 lm	DALI	A++	✓	Ø 450	3000	Ø 60	32 · 12	
84 094	54.6 W	6785 lm	DALI	A++	✓	Ø 550	4000	Ø 76	32 · 12	
	Lamp		Base							
99 282	1 lamp	75 W	E 27	A++ - E	—	Ø 300	1700	Ø 48	31 · 11	
84 416	1 lamp	100 W	E 27	A++ - E	—	Ø 350	3000	Ø 60	32 · 12	



LED pole-top luminaires

Symmetrical light distribution

The two pole-top luminaires with symmetrical light distribution will convince you thanks to their high level of operating efficiency and their modern flat appearance. A luminaire concept whose light distribution, uniformity of light and energy efficiency are ideal for the illumination of residential streets, parking spaces and traffic-calmed areas.

We can supply these luminaires in safety class II as custom-made products.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Synthetic cover with white light-diffusing matt finish

DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories with DALI interface can be found on Page 554.

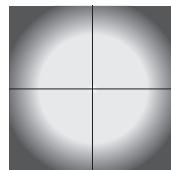
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

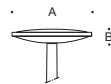
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

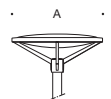
■ Graphite – article number · ■ Silver – article number + **A**



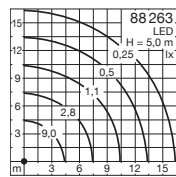
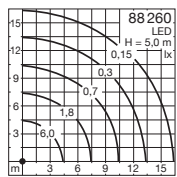
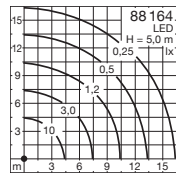
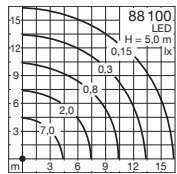
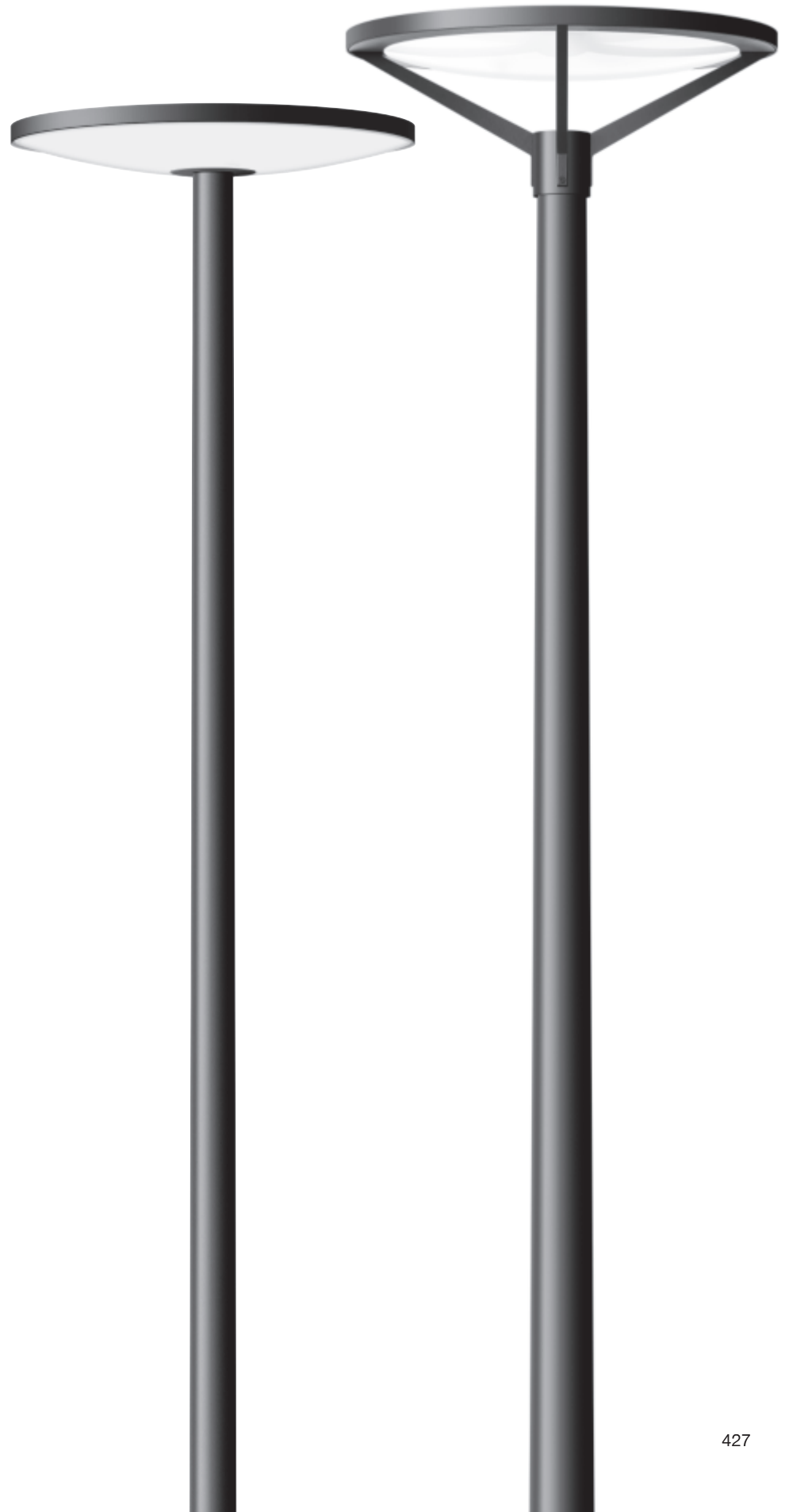
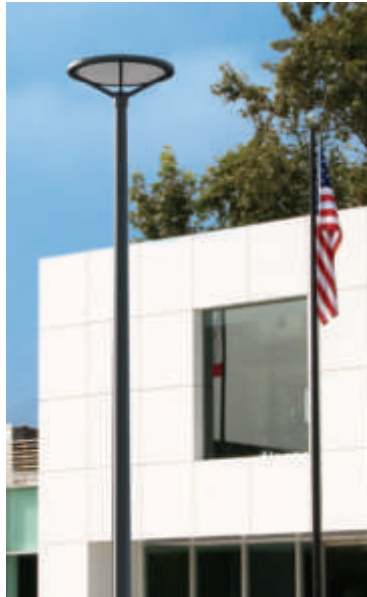
Symmetrical

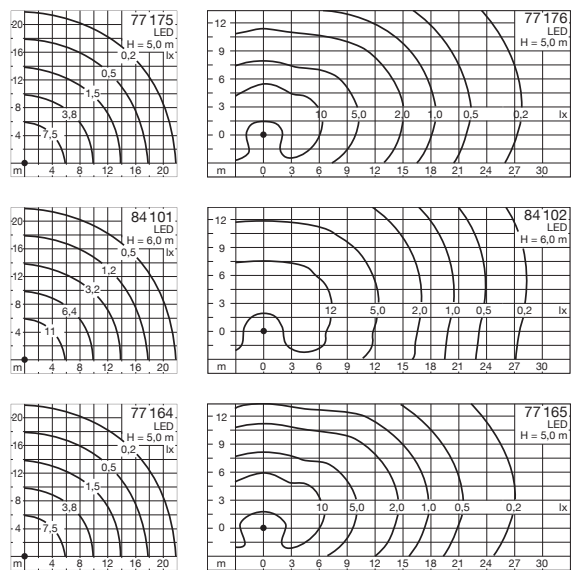


LED pole-top luminaires										Poles	
	LED		PSU	EEC	AC/DC	A	B	For pole heights	Top	Groups	
88 100	19.0 W	1910 lm	DALI	A++	✓	615	130	4000-5000	Ø76	34 · 14	33 · 13
88 164	27.5 W	2870 lm	DALI	A++	✓	615	130	4000-6000	Ø76	34 · 14	33 · 13



LED pole-top luminaires										Poles	
	LED		PSU	EEC	AC/DC	A	B	For pole heights	Top	Groups	
88 260	19.0 W	1810 lm	DALI	A++	✓	700	320	4000-5000	Ø76	34 · 14	33 · 13
88 263	27.5 W	2700 lm	DALI	A++	✓	700	320	4000-6000	Ø76	34 · 14	33 · 13





LED pole-top luminaires

Symmetrical or asymmetrical flat beam light distribution

Pole-top luminaires for the energy-efficient illumination of residential streets, car parks and traffic-calmed areas. The asymmetrical flat beam light distribution is particularly suitable for illuminating streets in accordance with EN 13201.

We can also supply these luminaires in safety class II as custom-made products.

On Pages 406 to 409, you can find light building elements whose shape and design match the luminaires in this series.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Synthetic cylinder, clear · Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories for LED luminaires with DALI interface can be found on Page 554.

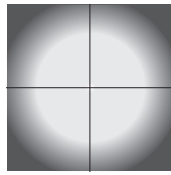
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

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®.

Luminaire colour graphite or silver

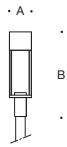
■ Graphite – article number · ■ Silver – article number + **A**



Symmetrical



Asymmetrical flat beam

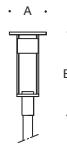


LED pole-top luminaires · **Symmetrical**

	LED	PSU	EEC	AC/DC	A	B	For pole heights	Top	Poles	
									Groups	
77 175	34.5 W	3590 lm	DALI	A++	✓	170	660	3500 - 6000	Ø76	34 · 14 · 33
84 101	53.0 W	6170 lm	DALI	A++	✓	220	875	5000 - 7000	Ø76	34 · 14 · 33

LED pole-top luminaires · **Asymmetrical flat beam**

	LED	PSU	EEC	AC/DC	A	B	For pole heights	Top	Poles	
									Groups	
77 176	34.5 W	3565 lm	DALI	A++	✓	170	660	3500 - 6000	Ø76	34 · 14 · 33
84 102	53.0 W	6110 lm	DALI	A++	✓	220	875	5000 - 7000	Ø76	34 · 14 · 33

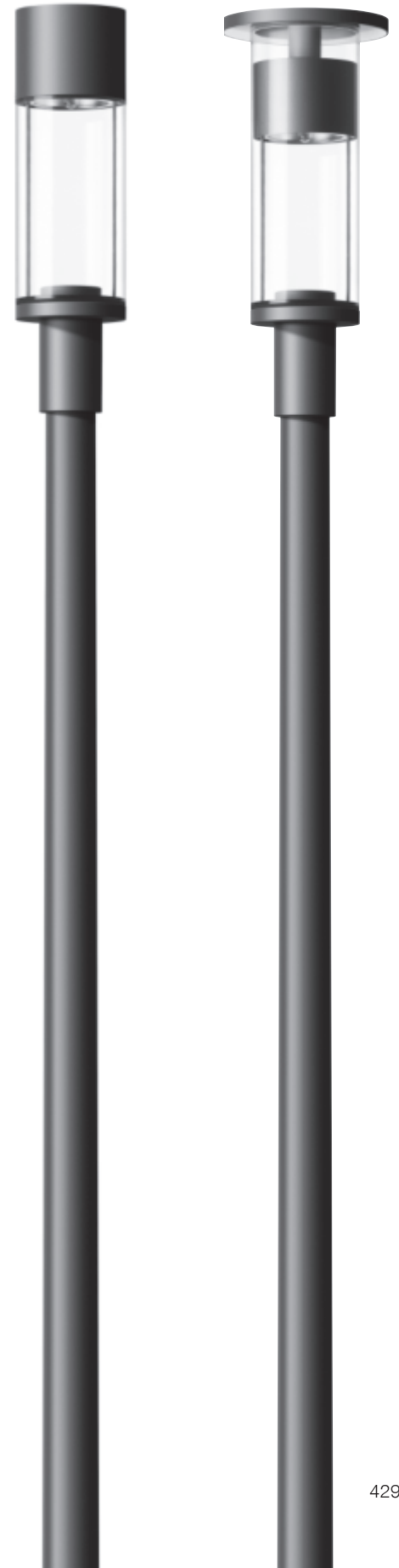


LED pole-top luminaires · **Symmetrical**

	LED	PSU	EEC	AC/DC	A	B	For pole heights	Top	Poles	
									Groups	
77 164	34.5 W	3370 lm	DALI	A++	✓	260	660	3500 - 6000	Ø76	34 · 14 · 33

LED pole-top luminaires · **Asymmetrical flat beam**

	LED	PSU	EEC	AC/DC	A	B	For pole heights	Top	Poles	
									Groups	
77 165	34.5 W	3340 lm	DALI	A++	✓	260	660	3500 - 6000	Ø76	34 · 14 · 33





LED pole-top luminaires

Symmetrical light distribution

Pole-top luminaires with symmetrical light distribution. Optionally available with clear synthetic cover and internal lamellar reflector for directed brilliant light, or with white light-diffusing synthetic cover for uniform soft light.

For illuminating paths, streets, parking spaces and traffic-calmed areas.

We can also supply these luminaires in safety class II as custom-made products.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

White synthetic cylinder or clear synthetic cylinder with reflector

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories for LED luminaires with DALI interface can be found on Page 554.

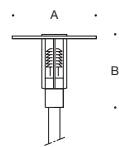
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

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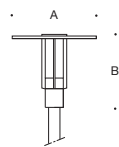
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



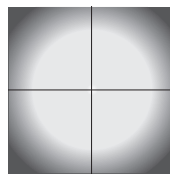
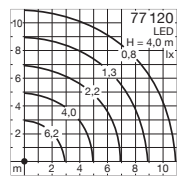
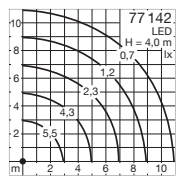
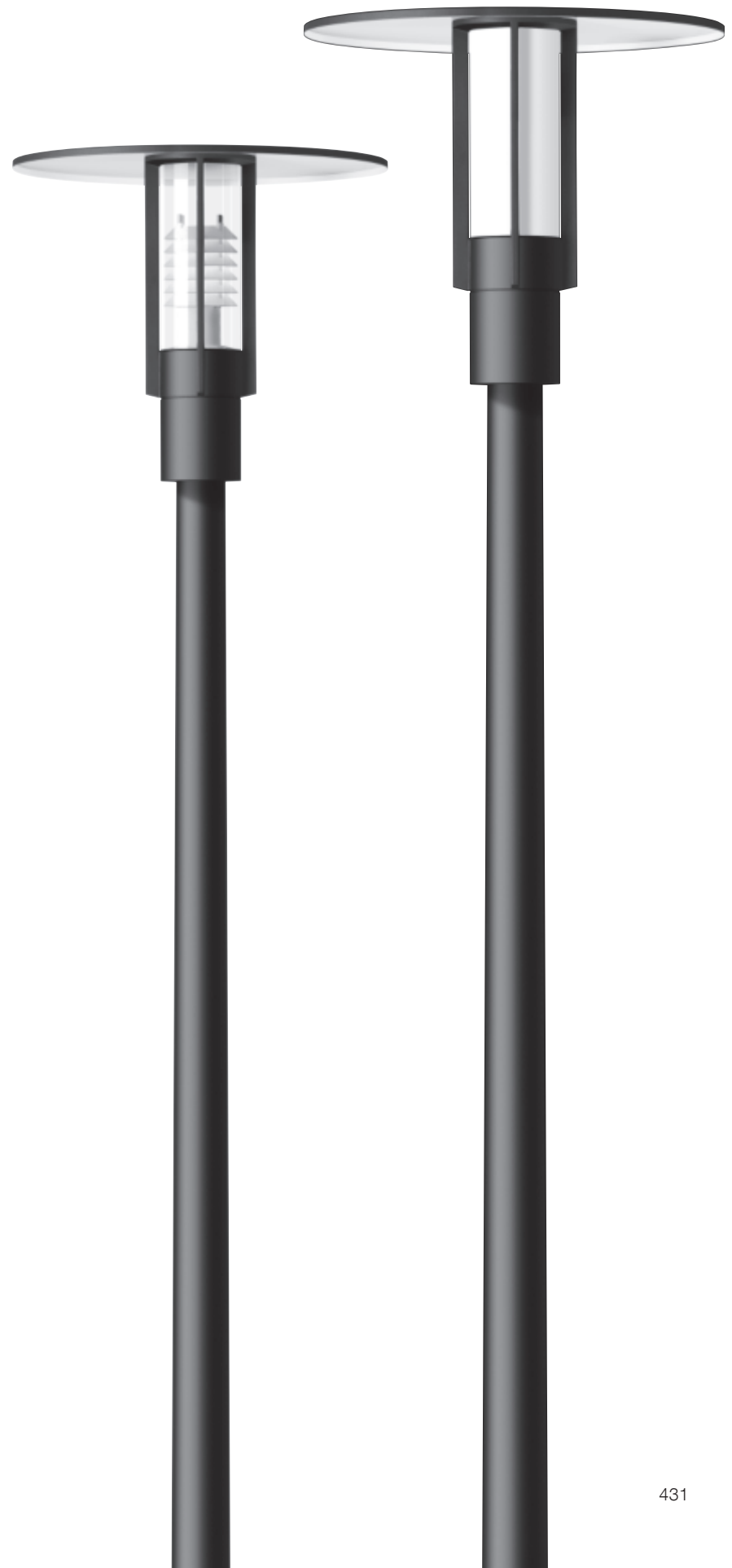
Clear synthetic cylinder with reflector

	LED	PSU	EEC	AC/DC	A	B	For pole heights	Top	Poles	
									Groups	
77 142	26.8 W	1745 lm	DALI	A++	✓	650	600	4000 - 6000	Ø76	34 · 14 32 · 12

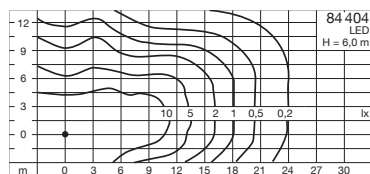
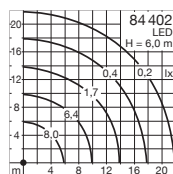
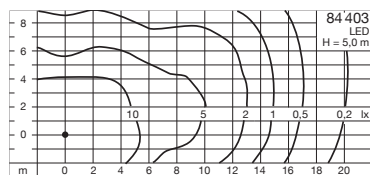
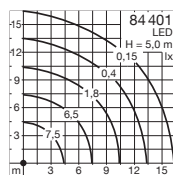


White synthetic cylinder

	LED	PSU	EEC	AC/DC	A	B	For pole heights	Top	Poles	
									Groups	
77 120	26.8 W	2725 lm	DALI	A++	✓	650	600	4000 - 6000	Ø76	34 · 14 32 · 12



Symmetrical



LED pole-top luminaires

Symmetrical or asymmetrical flat beam light distribution

Pole-top luminaires with symmetrical or asymmetrical flat beam light distribution. With different light outputs for illuminating paths, streets, parking spaces, driveways and traffic-calmed areas.

We can also supply these luminaires in safety class II as custom-made products.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories for LED luminaires with DALI interface can be found on Page 554.

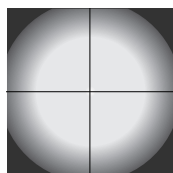
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

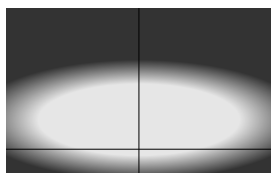
The power information may change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

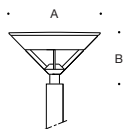
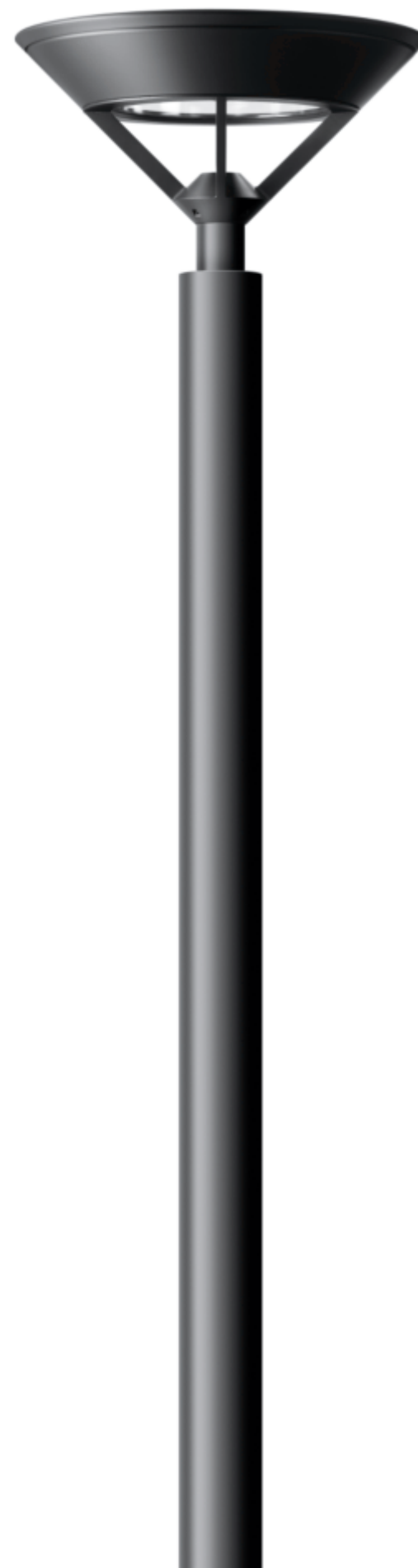
■ Graphite – article number · ■ Silver – article number + **A**



Symmetrical



Asymmetrical flat beam



LED pole-top luminaires · **Symmetrical**

	LED	PSU	EEC	AC/DC	A	B	For pole heights	Top	Poles
									Groups
84 401	26.5 W	2155 lm	DALI	A++	✓	710 360	4000-6000	Ø76	34 · 14 · 32 · 12
84 402	53.0 W	3915 lm	DALI	A++	✓	710 360	4000-6000	Ø76	34 · 14 · 32 · 12

LED pole-top luminaires · **Asymmetrical flat beam**

	LED	PSU	EEC	AC/DC	A	B	For pole heights	Top	Poles
									Groups
84 403	26.5 W	2465 lm	DALI	A++	✓	710 360	4000-6000	Ø76	34 · 14 · 32 · 12
84 404	56.0 W	4040 lm	DALI	A++	✓	710 360	4000-6000	Ø76	34 · 14 · 32 · 12



LED pole-top luminaires

Symmetrical light distribution

Pole-top luminaires with symmetrical light distribution. Optionally with white light-diffusing synthetic cover for soft pleasantly uniform light, or with clear synthetic cover and internal lamellar reflector for brilliant directed light.

For illuminating paths, streets, parking spaces, driveways and traffic-calmed areas.

We can also supply these luminaires in safety class II as custom-made products.

Protection class IP 54 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Synthetic cover white or synthetic cover clear with lamellar reflector

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

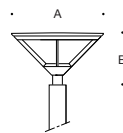
Power reduction accessories for LED luminaires with DALI interface can be found on Page 554.

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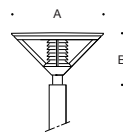
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

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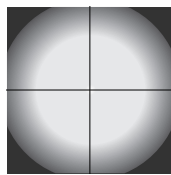
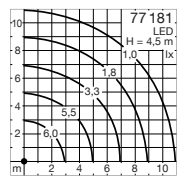
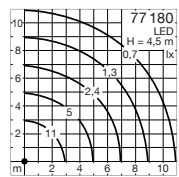
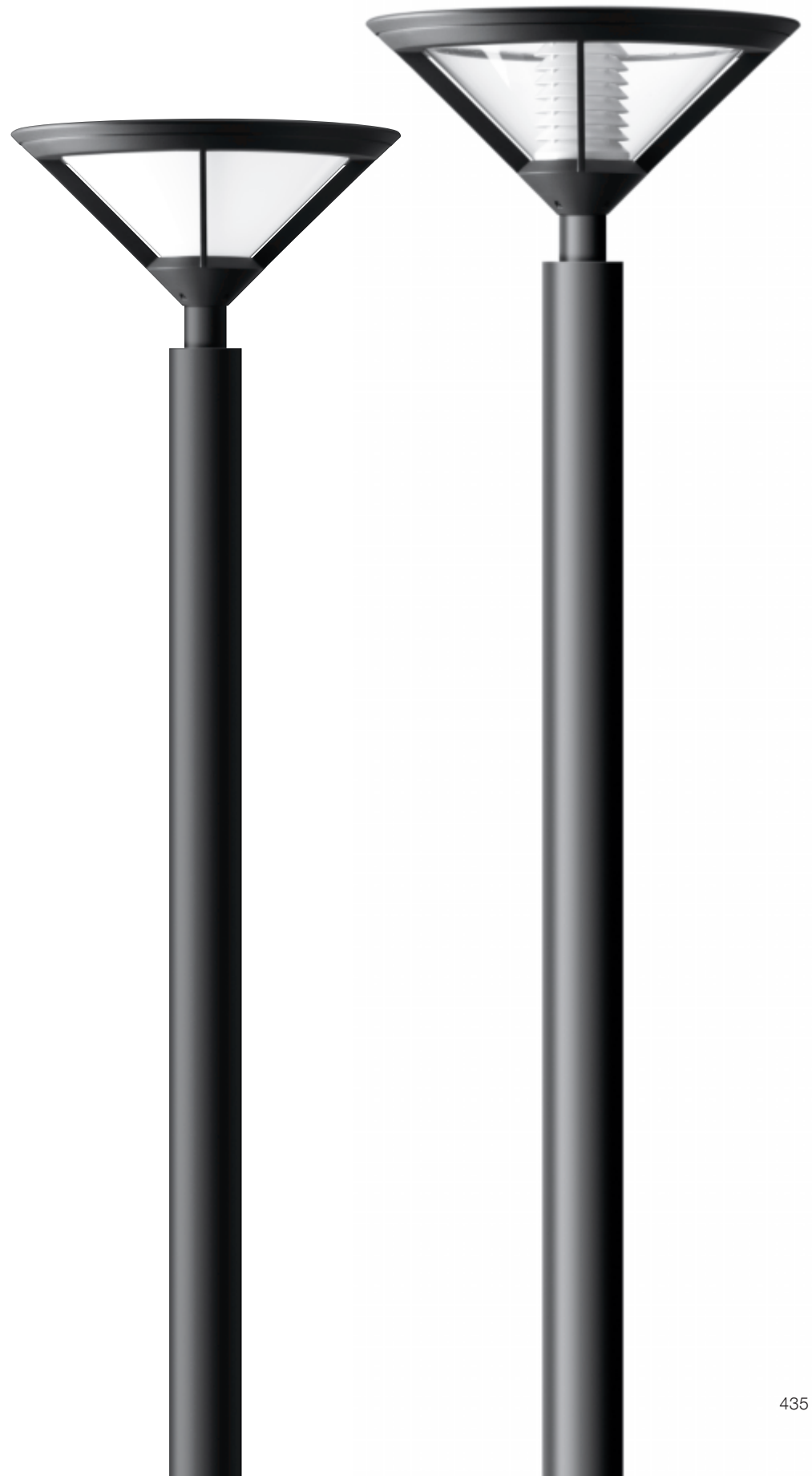
■ Luminaire colour graphite

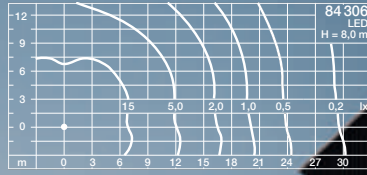
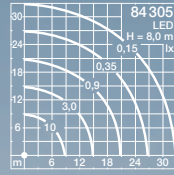
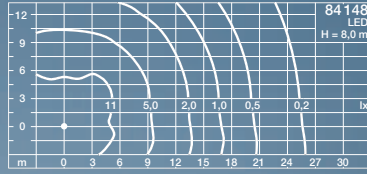
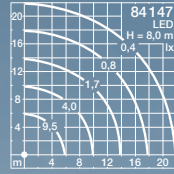
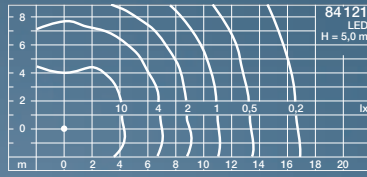
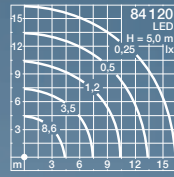


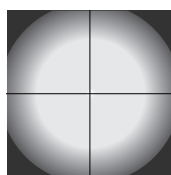
Synthetic cover, white										Poles	
	LED	PSU	EEC	AC/DC	A	B	For pole heights	Top	Groups		
77 180	27.2 W	2365 lm	DALI	A++	✓	710	360	3500-5000	Ø76	34 · 14 · 32 · 12	



Synthetic cover, clear , with lamellar reflector										Poles	
	LED	PSU	EEC	AC/DC	A	B	For pole heights	Top	Groups		
77 181	27.2 W	2020 lm	DALI	A++	✓	710	360	3500-5000	Ø76	34 · 14 · 32 · 12	







Symmetrical



Asymmetrical flat beam

LED pole-top luminaires

Symmetrical or asymmetrical flat beam light distribution

Cost-efficient LED pole-top luminaires in two sizes, optionally with symmetrical or asymmetrical flat beam light distribution. The product design and construction stand for implementation of our LED technology in line with market conditions.

The luminaires will convince you thanks to their high level of operating efficiency and their modern flat appearance. A luminaire concept whose light distribution, uniformity of light and energy efficiency are ideal for the illumination of residential streets, parking spaces and traffic-calmed areas.

Protection class IP 65 · Safety class II · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Synthetic cover with optical texture · Reflector made of pure anodised aluminium

DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories with DALI interface can be found on Page 554.

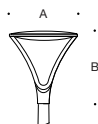
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

The power information might 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®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED pole-top luminaires · Symmetrical										Poles	
	LED		PSU	EEC	AC/DC	A	B	For pole heights	Top	Groups	
84 120	26.7 W	2530 lm	DALI	A++	✓	525	560	4000-6000	Ø76	34 · 14 · 33 · 13	
84 147	52.0 W	4840 lm	DALI	A++	✓	750	820	5000-9000	Ø76		72
84 305	110.0 W	9400 lm	DALI	A++	✓	750	820	5000-9000	Ø76		72

LED pole-top luminaires · Asymmetrical flat beam										Poles	
	LED		PSU	EEC	AC/DC	A	B	For pole heights	Top	Groups	
84 121	26.2 W	2350 lm	DALI	A++	✓	525	560	4000-6000	Ø76	34 · 14 · 33 · 13	
84 148	52.0 W	4660 lm	DALI	A++	✓	750	820	5000-9000	Ø76		72
84 306	110.0 W	9000 lm	DALI	A++	✓	750	820	5000-9000	Ø76		72



LED pole-top luminaires

Unshielded light, symmetrical or asymmetrical flat beam light distribution

Pole-top luminaires with translucent white or clear synthetic cover.

Luminaires with translucent white synthetic cover are characterised by symmetrical and uniformly soft light distribution.

Luminaires with a clear synthetic cover are optionally available with symmetrical or asymmetrical flat beam light distribution. Luminaires for the energy-efficient illumination of residential streets, parking spaces and traffic-calmed areas.

The product design and construction of the luminaires stand for the implementation of our LED technology in line with market requirements.

Protection class IP 65 · Safety class II · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Synthetic cover, translucent white or clear · Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories for LED luminaires with DALI interface can be found on Page 554.

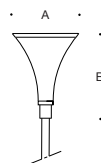
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

The power information might 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®.

Luminaire colour graphite or silver

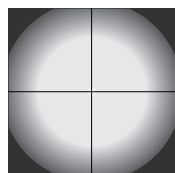
■ Graphite – article number · ■ Silver – article number + **A**



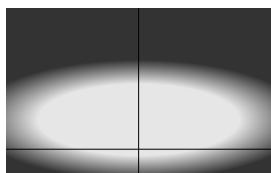
Unshielded · Synthetic cover, translucent white										Poles
	LED		PSU	EEC	AC/DC	A	B	For pole heights	Top	Groups
77 121	18.0 W	1700 lm	DALI	A++	✓	390	490	3500-5000	Ø76	34 · 14 · 33 · 13
77 122	26.7 W	2565 lm	DALI	A++	✓	510	665	4000-6000	Ø76	34 · 14 · 33 · 13

Symmetrical · Synthetic cover, clear										Poles
	LED		PSU	EEC	AC/DC	A	B	For pole heights	Top	Groups
77 124	18.0 W	1590 lm	DALI	A++	✓	390	490	3500-5000	Ø76	34 · 14 · 33 · 13
77 135	26.7 W	2475 lm	DALI	A++	✓	510	665	4000-6000	Ø76	34 · 14 · 33 · 13

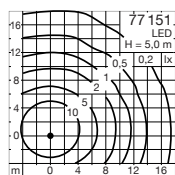
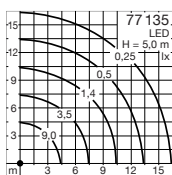
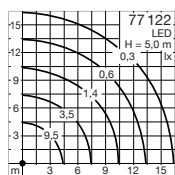
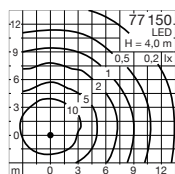
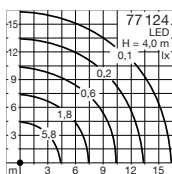
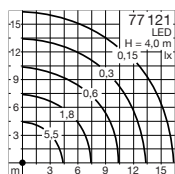
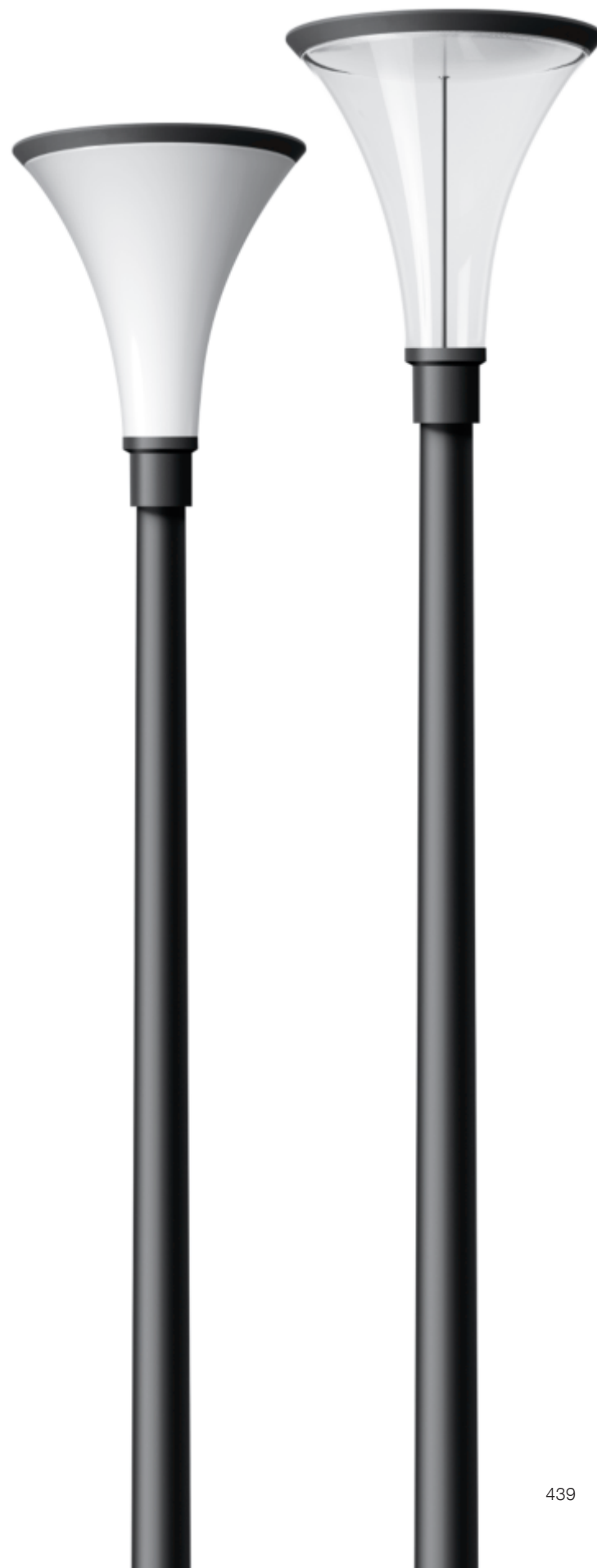
Asymmetrical flat beam · Synthetic cover, clear										Poles
	LED		PSU	EEC	AC/DC	A	B	For pole heights	Top	Groups
77 150	18.0 W	1585 lm	DALI	A++	✓	390	490	3500-5000	Ø76	34 · 14 · 33 · 13
77 151	26.3 W	2445 lm	DALI	A++	✓	510	665	4000-6000	Ø76	34 · 14 · 33 · 13

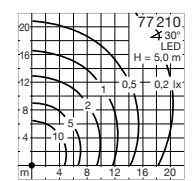
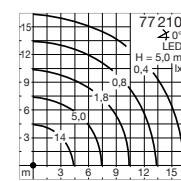
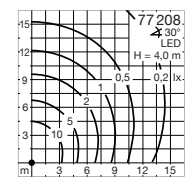
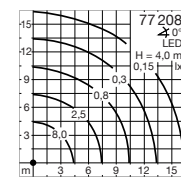


Symmetrical



Asymmetrical flat beam







Symmetrical



Asymmetrical

LED pole-top luminaires

Adjustable light distribution

The light of the integral high-performance floodlight is deflected by the top reflector. This deflection has the effect of distributing the light in an extremely soft and uniform way, effectively removing glare.

The top reflector is adjustable from 0° to 30°. This means that the light distribution can be selected infinitely from 0° rotationally symmetrical to 30° asymmetrically. Luminaires for streets, open spaces and squares.

For lighting situations with the highest requirements in terms of light uniformity and freedom from glare.

We also supply these luminaires with other electrical equipment and in safety class II as custom-made products.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium · DALI controllable

20 years' availability guarantee for LED modules

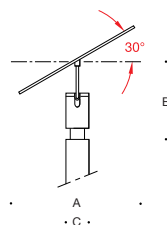
Power reduction accessories for LED luminaires with DALI interface can be found on Page 554.

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. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

The power information might 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®.

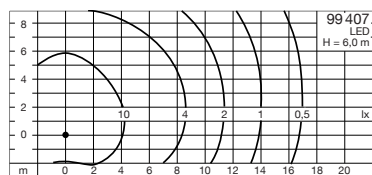
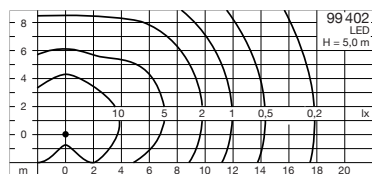
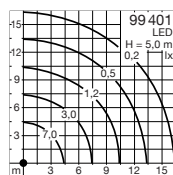
■ Luminaire colour silver



LED pole-top luminaires										Poles		
	LED		PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Groups	
77 208	39.7 W	3210 lm	DALI	A++	✓	800	500	140	3500-4000	Ø76	32 · 12	
77 210	50.0 W	3960 lm	DALI	A++	✓	1000	575	170	4000-5000	Ø76	32* · 12*	

*For static reasons, it is only possible to use the poles 70 731 · 70 734 · 70 748 · 70 737 for these luminaires.





LED pole-top luminaires

Symmetrical or asymmetrical flat beam light distribution

Compact and cost-efficient LED pole-top luminaires, optionally with symmetrical or asymmetrical flat beam light distribution. Pole-top luminaires ready for installation, for single or double arrangements. The product design and construction of the luminaires stand for the implementation of our LED technology in line with market requirements. Luminaires of high lighting and structural quality.

Protection class IP 65 · Safety class II · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium

DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories for LED luminaires with DALI interface can be found on Page 554.

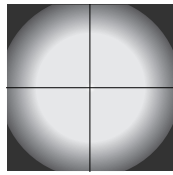
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LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

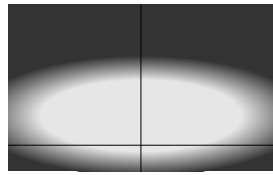
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

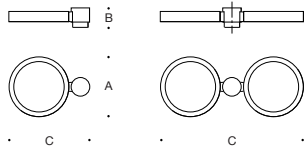
■ Graphite – article number · ■ Silver – article number + **A**



Symmetrical

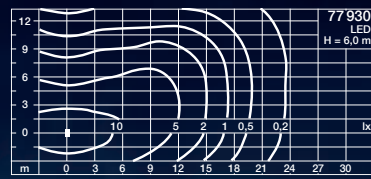
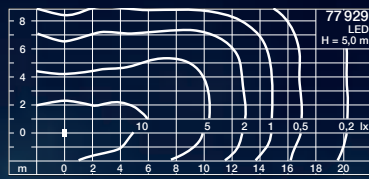


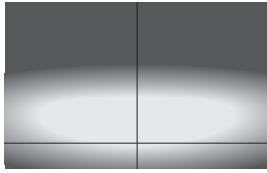
Asymmetrical flat beam



LED pole-top luminaires · Symmetrical											Poles	
	LED		PSU	EEC	AC/DC		A	B	C	For pole heights	Top	Groups
99 401	18.5 W	1865 lm	DALI	A++	✓	Single	300	100	410	4000-5000	Ø76	34 · 14 · 33 · 13
99 403	2 × 18.5 W	3730 lm	DALI	A++	✓	Double	300	100	720	4000-5000	Ø76	34 · 14 · 33 · 13

LED pole-top luminaires · Asymmetrical flat beam											Poles	
	LED		PSU	EEC	AC/DC		A	B	C	For pole heights	Top	Groups
99 402	18.5 W	1855 lm	DALI	A++	✓	Single	300	100	410	4000-5000	Ø76	34 · 14 · 33 · 13
99 407	26.8 W	3190 lm	DALI	A++	✓	Single	470	70	610	4000-6000	Ø76	34 · 14 · 33 · 13
99 462	2 × 18.5 W	3710 lm	DALI	A++	✓	Double	300	100	720	4000-5000	Ø76	34 · 14 · 33 · 13
99 408	2 × 26.8 W	6380 lm	DALI	A++	✓	Double	470	70	1125	4000-6000	Ø76	34 · 14 · 33 · 13





Asymmetrical flat beam



LED pole-top luminaires

Asymmetrical flat beam light distribution

The light distribution of these luminaires is particularly suitable for illuminating streets in accordance with EN 13201. Luminaires for the energy-efficient illumination of driveways, residential and trunk roads. Pole-top luminaires ready for installation, for single or double arrangements.

We can also supply these luminaires in safety class II as custom-made products.

Protection class IP 66 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass · Reflector made of pure anodised aluminium

Luminaires can be opened without tools

DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories for LED luminaires with DALI interface can be found on Page 543.

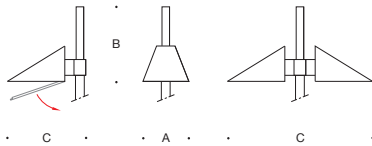
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

The power information might 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®.

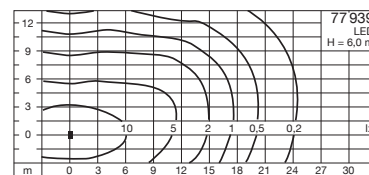
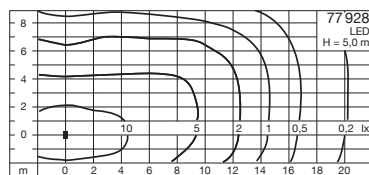
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED pole-top luminaires · Single										Poles		
	LED		PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Groups	
77 929	18.0 W	2310 lm	DALI	A++	✓	350	585	645	3000-6000	Ø 76	34 · 14 · 72	
77 930	26.3 W	3470 lm	DALI	A++	✓	350	585	645	3000-6000	Ø 76	34 · 14 · 72	

LED pole-top luminaires · Double										Poles		
	LED		PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Groups	
84 242	2 × 18.0 W	4620 lm	DALI	A++	✓	350	585	1200	3000-6000	Ø 76	34 · 14 · 72	
84 243	2 × 26.3 W	6940 lm	DALI	A++	✓	350	585	1200	3000-6000	Ø 76	34 · 14 · 72	



LED pole-top luminaires

Asymmetrical flat beam light distribution

Pole-top luminaires with asymmetrical flat beam light distribution for different light outputs. Luminaires with LED for the illumination of streets, squares, driveways and pedestrian zones. The light distribution is particularly suitable for illuminating streets in accordance with EN 13201. The attack angle of the luminaires can be adjusted to the surface to be illuminated.

Pole-top luminaires ready for installation, for single or double arrangements.

We can also supply these luminaires in safety class II as custom-made products.

Protection class IP 66 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium · Luminaires can be opened without tools

DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories for LED luminaires with DALI interface can be found on Page 554.

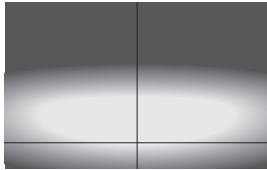
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LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

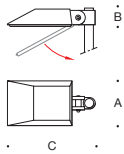
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

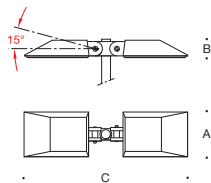
■ Graphite – article number · ■ Silver – article number + **A**



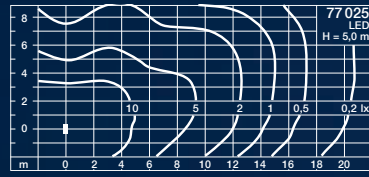
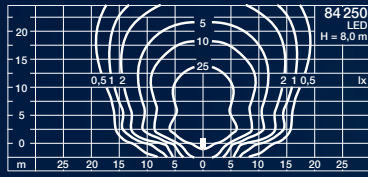
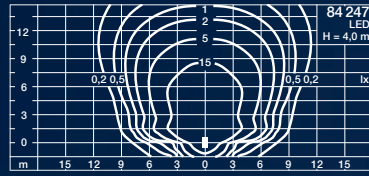
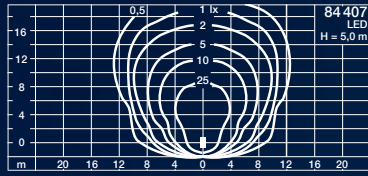
Asymmetrical flat beam



LED pole-top luminaires · Single										Poles		
	LED		PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Groups	
77 928	18.0 W	2240 lm	DALI	A++	✓	290	110	650	4000-6000	Ø 76	34 · 14 · 72	
77 939	26.3 W	3340 lm	DALI	A++	✓	290	110	650	4000-6000	Ø 76	34 · 14 · 72	

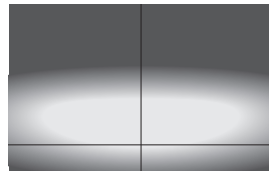


LED pole-top luminaires · Double										Poles		
	LED		PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Groups	
84 123	2 x 18.0 W	4480 lm	DALI	A++	✓	290	110	1200	4000-6000	Ø 76	34 · 14 · 72	
84 124	2 x 26.3 W	6680 lm	DALI	A++	✓	290	110	1200	4000-6000	Ø 76	34 · 14 · 72	

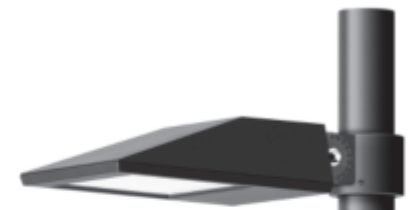




Asymmetrical



Asymmetrical flat beam



LED pole-top luminaires

Asymmetrical or asymmetrical flat beam light distribution

Luminaires in different sizes, light outputs and two light distributions:

- With asymmetrical light distribution for providing spatial illumination of surfaces, squares and parking spaces, or
- With asymmetrical flat beam light distribution for the illumination of driveways and streets

Using the adjustable attack angle of the luminaire housings, the light distribution can be adjusted exactly to the surface to be illuminated. Luminaires ready for installation, for single or double arrangements.

Protection class IP 66 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass · Reflector made of pure anodised aluminium

DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories for LED luminaires with DALI interface can be found on Page 554.

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. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

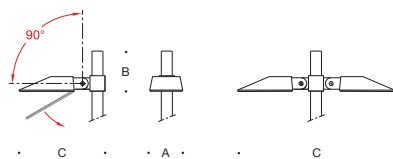
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might change during the validity period of the catalogue as a result of technical progress.

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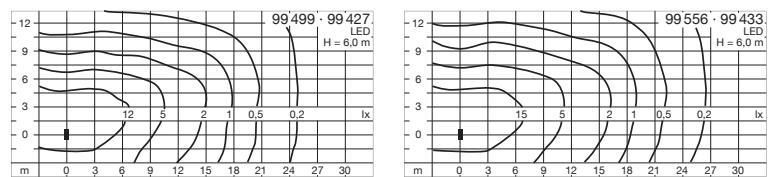
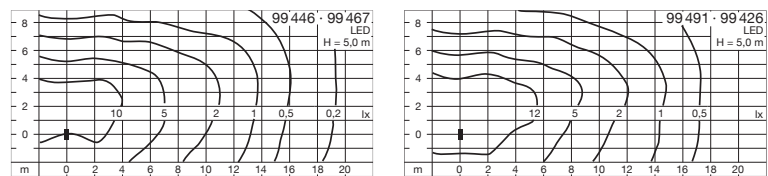
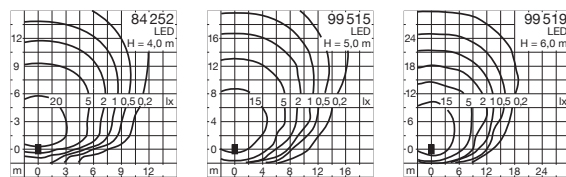
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED pole-top luminaires · Asymmetrical											Poles	
	LED	PSU	EEC	AC/DC		A	B	C	For pole heights	Top	Groups	
84 247	24.5 W	3200 lm	DALI	A++	✓	Single	225	290	545	4000 - 5000	Ø76	34 · 14 · 72
84 407	61.0 W	6675 lm	DALI	A++	✓	Single	225	290	545	4000 - 6000	Ø76	34 · 14 · 72
84 250	107.0 W	12 000 lm	DALI	A++	✓	Single	315	290	630	6000 - 8000	Ø76	34 · 72
84 248	2 x 24.5 W	6400 lm	DALI	A++	✓	Double	225	290	1000	4000 - 5000	Ø76	34 · 14 · 72
84 249	2 x 61.0 W	13 350 lm	DALI	A++	✓	Double	225	290	1000	4000 - 6000	Ø76	34 · 14 · 72
84 251	2 x 107.0 W	24 000 lm	DALI	A++	✓	Double	315	290	1200	6000 - 8000	Ø76	34 · 72

LED pole-top luminaires · Asymmetrical flat beam											Poles	
	LED	PSU	EEC	AC/DC		A	B	C	For pole heights	Top	Groups	
77 025	19.0 W	2260 lm	DALI	A++	✓	Single	225	290	545	4000 - 5000	Ø76	34 · 14 · 72
84 254	2 x 19.0 W	4520 lm	DALI	A++	✓	Double	225	290	1000	4000 - 5000	Ø76	34 · 14 · 72



LED pole-top luminaires and LED side-mounted pole-top luminaires
Asymmetrical or asymmetrical flat beam light distribution

These luminaires belong to a group whose performance spectrum allows them to cover all lighting applications in street, square and city illumination; they are available as pole-top luminaires or as side-mounted pole-top luminaires. Two light distributions are available:

- Asymmetrical light distribution for providing spatial illumination of surfaces, squares and parking spaces or
- Asymmetrical flat beam light distribution, particularly suitable for illuminating streets in accordance with EN 13201.

For lighting technology with optimised efficiency level, we use only system components in reliable materials. Miro® reflectors made of reflection-intensive pure aluminium, anti-glare single-pane safety glass and BEGA LED modules with 20 years' availability guarantee.

Luminaires ready for installation, for single and double arrangements.
These luminaires are also available as wall luminaires – see Page 204.

Protection class IP 66 · Safety class II · BEGA Thermal Management®
Cast aluminium, aluminium and stainless steel · Safety glass · Reflector made of pure anodised aluminium
Attack angle adjustable to 0° or 15° · Luminaires can be opened without tools
Luminaires ready for installation, for single or double arrangements.
BEGA Ultimate Driver® · DALI controllable · 20 years' availability guarantee for LED module
Power reduction accessories with DALI interface can be found on Page 554.

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. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

Pole-top luminaires for pole top Ø76 mm · also available on request for pole top Ø60 mm
Side-mounted pole-top luminaires for connection Ø42 mm · also available on request for connection Ø60 mm

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

The power information might 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®.

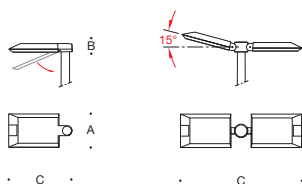
Luminaire colour graphite or silver
■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical

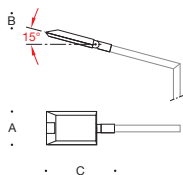


Asymmetrical flat beam



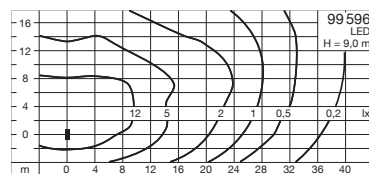
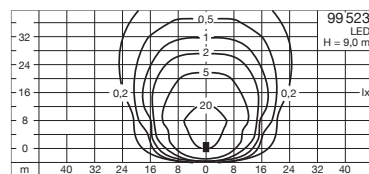
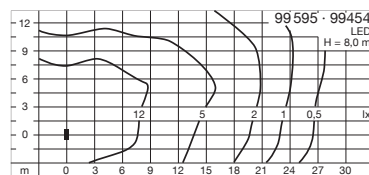
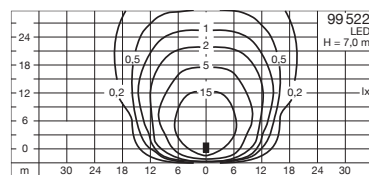
LED pole-top luminaires · Asymmetrical										Poles		
	LED	PSU	EEC	AC/DC		A	B	C	For pole heights	Top	Groups	
84 252	14.8 W	1920 lm	DALI	A++	✓	Single	255	60	440	4000-6000	Ø76	34 · 14 · 33 · 13
99 515	26.0 W	3640 lm	DALI	A++	✓	Single	255	60	440	4000-6000	Ø76	34 · 14 · 33 · 13
99 519	35.0 W	4850 lm	DALI	A++	✓	Single	255	60	440	5000-8000	Ø76	34 · 72 · 33 · 13
84 253	2 × 14.8 W	3840 lm	DALI	A++	✓	Double	255	60	815	4000-6000	Ø76	34 · 14 · 33 · 13
99 528	2 × 26.0 W	7280 lm	DALI	A++	✓	Double	255	60	815	4000-6000	Ø76	34 · 14 · 33 · 13
99 529	2 × 35.0 W	9700 lm	DALI	A++	✓	Double	255	60	815	5000-8000	Ø76	34 · 72 · 33 · 13

LED pole-top luminaires · Asymmetrical flat beam										Poles		
	LED	PSU	EEC	AC/DC		A	B	C	For pole heights	Top	Groups	
99 446	14.0 W	1780 lm	DALI	A++	✓	Single	255	60	440	3500-5000	Ø76	34 · 14 · 33 · 13
99 491	18.0 W	2305 lm	DALI	A++	✓	Single	255	60	440	4000-6000	Ø76	34 · 14 · 33 · 13
99 499	26.5 W	3575 lm	DALI	A++	✓	Single	255	60	440	5000-7000	Ø76	34 · 72 · 33 · 13
99 556	35.0 W	4665 lm	DALI	A++	✓	Single	255	60	440	5000-8000	Ø76	34 · 72 · 33 · 13
99 447	2 × 14.0 W	3560 lm	DALI	A++	✓	Double	255	60	815	3500-5000	Ø76	34 · 14 · 33 · 13
99 473	2 × 26.5 W	7150 lm	DALI	A++	✓	Double	255	60	815	5000-7000	Ø76	34 · 72 · 33 · 13
99 474	2 × 35.0 W	9330 lm	DALI	A++	✓	Double	255	60	815	5000-8000	Ø76	34 · 72 · 33 · 13



LED side-mounted pole-top luminaires for bracket poles · Asymmetrical flat beam										
	LED	PSU	EEC	AC/DC		A	B	C	For pole heights	Connection
99 467	14.0 W	1780 lm	DALI	A++	✓	255	60	490	3500-5000	Ø42
99 426	18.0 W	2305 lm	DALI	A++	✓	255	60	490	4000-6000	Ø42
99 427	26.5 W	3575 lm	DALI	A++	✓	255	60	490	5000-7000	Ø42
99 433	35.0 W	4665 lm	DALI	A++	✓	255	60	490	5000-8000	Ø42





LED pole-top luminaires and LED side-mounted pole-top luminaires

Asymmetrical or asymmetrical flat beam light distribution

These luminaires belong to a group whose performance spectrum allows them to cover all lighting applications in street, square and city illumination; they are available as pole-top luminaires or as side-mounted pole-top luminaires. Two light distributions are available:

- Asymmetrical light distribution for providing spatial illumination of surfaces, squares and parking spaces or
- Asymmetrical flat beam light distribution, particularly suitable for illuminating streets in accordance with EN 13201.

For lighting technology with optimised efficiency level, we use only system components in reliable materials. Miro[®] reflectors made of reflection-intensive pure aluminium, anti-glare single-pane safety glass and BEGA LED modules with 20 years' availability guarantee.

Luminaires ready for installation, for single and double arrangements.

These luminaires are also available as wall luminaires – see Page 204.

Protection class IP 66 · Safety class II · BEGA Thermal Management[®]

Cast aluminium, aluminium and stainless steel · Safety glass · Reflector made of pure anodised aluminium

Attack angle adjustable to 0° or 15° · Luminaires can be opened without tools

Luminaires ready for installation, for single or double arrangements.

BEGA Ultimate Driver[®] · DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories with DALI interface can be found on Page 554.

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. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

Pole-top luminaires for pole top Ø76 mm · also available on request for pole top Ø60 mm

Side-mounted pole-top luminaires for connection Ø60 mm · also available on request for connection Ø42 mm

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

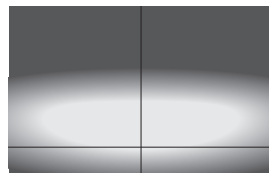
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management[®].

Luminaire colour graphite or silver

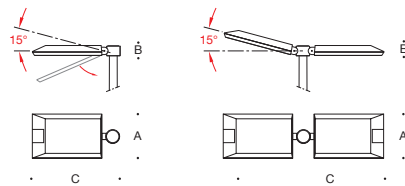
■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical



Asymmetrical flat beam

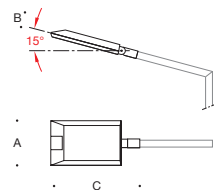


LED pole-top luminaires · **Asymmetrical**

	LED	PSU	EEC	AC/DC		A	B	C	For pole heights	Top	Poles	Groups
99 522	54.0 W	6860 lm	DALI	A++	✓	Single	340	75	660	7000-9000	Ø76	34 · 72
99 523	70.0 W	9370 lm	DALI	A++	✓	Single	340	75	660	7000-9000	Ø76	34 · 72
99 532	2 x 54.0 W	13 720 lm	DALI	A++	✓	Double	340	75	1215	7000-9000	Ø76	34 · 72
99 533	2 x 70.0 W	18 740 lm	DALI	A++	✓	Double	340	75	1215	7000-9000	Ø76	34 · 72

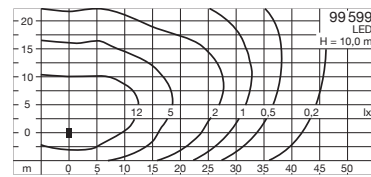
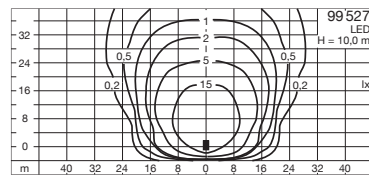
LED pole-top luminaires · **Asymmetrical flat beam**

	LED	PSU	EEC	AC/DC		A	B	C	For pole heights	Top	Poles	Groups
99 595	54.0 W	7335 lm	DALI	A++	✓	Single	340	75	660	7000-9000	Ø76	34 · 72
99 596	70.0 W	9340 lm	DALI	A++	✓	Single	340	75	660	7000-9000	Ø76	34 · 72
99 479	2 x 70.0 W	18 680 lm	DALI	A++	✓	Double	340	75	1215	7000-9000	Ø76	34 · 72



LED side-mounted pole-top luminaires for bracket poles · **Asymmetrical flat beam**

	LED	PSU	EEC	AC/DC		A	B	C	For pole heights	Connection
99 454	54.0 W	7335 lm	DALI	A++	✓	340	75	695	7000-9000	Ø60



LED pole-top luminaires

Asymmetrical or asymmetrical flat beam light distribution

These luminaires belong to a group whose performance spectrum allows them to be implemented for all lighting applications in street, square and city illumination.

Pole-top luminaires optionally with two light distributions:

- With asymmetrical light distribution for providing spatial illumination of surfaces, squares and parking spaces, or
- With asymmetrical flat beam light distribution, particularly suitable for illuminating streets in accordance with EN 13201.

For lighting technology with optimised efficiency level, we use only system components in reliable materials. Miro[®] reflectors made of reflection-intensive pure aluminium, anti-glare single-pane safety glass and BEGA LED modules with 20 years' availability guarantee.

Luminaires ready for installation, for single and double arrangements.

These luminaires are also available as wall luminaires – see Page 204.

Protection class IP 66 · Safety class II · BEGA Thermal Management[®]

Cast aluminium, aluminium and stainless steel · Safety glass · Reflector made of pure anodised aluminium

Attack angle adjustable to 0° or 15° · Luminaires can be opened without tools

Luminaires ready for installation, for single or double arrangements.

BEGA Ultimate Driver[®] · DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories with DALI interface can be found on Page 554.

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. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

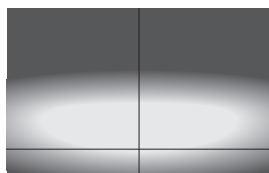
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Luminaire colour graphite or silver

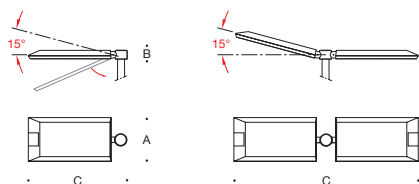
■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical

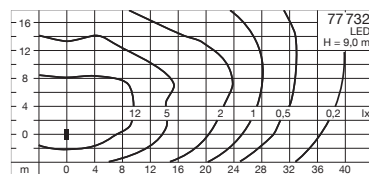
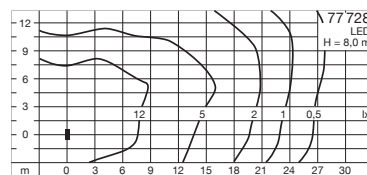
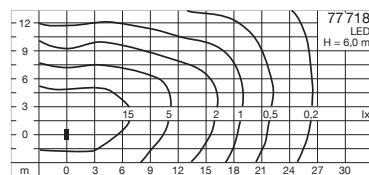


Asymmetrical flat beam



LED pole-top luminaires · Asymmetrical										Poles		
	LED		PSU	EEC	AC/DC		A	B	C	For pole heights	Top	Group
99 527	105.0 W	13 320 lm	DALI	A++	✓	Single	340	75	820	8000-10 000	Ø76	72
99 534	2 x 105.0 W	26 640 lm	DALI	A++	✓	Double	340	75	1535	8000-10 000	Ø76	72

LED pole-top luminaires · Asymmetrical flat beam										Poles		
	LED		PSU	EEC	AC/DC		A	B	C	For pole heights	Top	Group
99 599	105.0 W	14 050 lm	DALI	A++	✓	Single	340	75	820	8000-10 000	Ø76	72
99 481	2 x 105.0 W	28 100 lm	DALI	A++	✓	Double	340	75	1535	8000-10 000	Ø76	72



LED pole-top luminaires with outrigger arm

Asymmetrical flat beam light distribution

These luminaires belong to a group whose performance spectrum allows them to be implemented for all lighting applications in street, square and city illumination. The asymmetrical flat beam light distribution is particularly suitable for illuminating streets in accordance with EN 13201. For lighting technology with optimised efficiency level, we use only system components in reliable materials. Miro® reflectors made of reflection-intensive pure aluminium, anti-glare single-pane safety glass and BEGA LED modules with 20 years' availability guarantee. Luminaires ready for installation, for single or double arrangements.

Protection class IP 66 · Safety class II · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium · Luminaires can be opened without tools

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories with DALI interface can be found on Page 554.

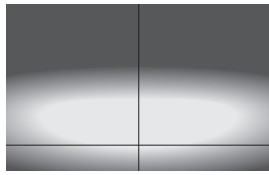
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

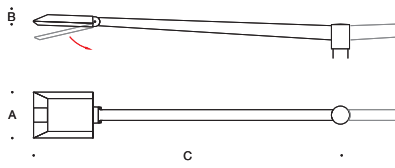
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Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

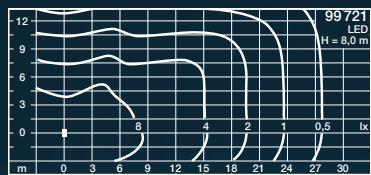
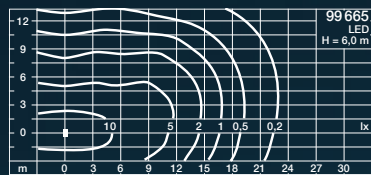
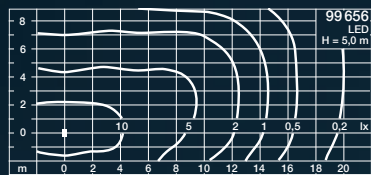


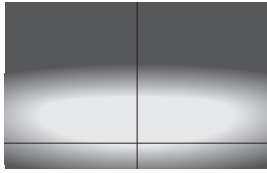
Asymmetrical flat beam



LED pole-top luminaires · Single										Poles	
	LED	PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Group	
77 718	35.0 W	4665 lm	DALI	A++	✓	255	60	1700	5000 - 8000	Ø76	72
77 728	54.0 W	7335 lm	DALI	A++	✓	340	75	1900	7000 - 10 000	Ø76	72
77 732	70.0 W	9340 lm	DALI	A++	✓	340	75	1900	7000 - 10 000	Ø76	72

LED pole-top luminaires · Double										Poles	
	LED	PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Group	
77 736	2 x 35.0 W	9330 lm	DALI	A++	✓	255	60	3400	5000 - 8000	Ø76	72
77 758	2 x 54.0 W	14 670 lm	DALI	A++	✓	340	75	3800	7000 - 10 000	Ø76	72
77 759	2 x 70.0 W	18 680 lm	DALI	A++	✓	340	75	3800	7000 - 10 000	Ø76	72





Asymmetrical flat beam

LED pole-top luminaires

Asymmetrical flat beam light distribution

BEGA Koffer luminaires (box luminaires) have been a tried and tested design element in public areas for over fifty years. With some cautious changes, we have modernised these classics to meet today's technical requirements.

They feature not only a high protection class but also state-of-the-art lighting technology. The asymmetrical flat beam light distribution is particularly suitable for illuminating streets in accordance with EN 13201.

Protection class IP 66 · BEGA Thermal Management®

Cast aluminium and stainless steel · Safety glass · Reflector made of pure anodised aluminium

Luminaires can be opened without tools · DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories for LED luminaires with DALI interface can be found on Page 554.

The following accessories are available for these pole-top luminaires:

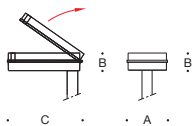
- Cross beams with an attack angle of 3° or 12° for installing the luminaires on surfaces, the corners of buildings or poles
- Pole tops for the installation of 2 or 3 luminaires on one luminaire pole

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. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

The power information might 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®.

■ Luminaire colour graphite



LED pole-top luminaires										Poles	
	LED		PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Groups
99 656	18.0 W	2100 lm	DALI	A++	✓	260	125	460	5000 - 7000	Ø 76	34 · 72
99 665	26.3 W	3200 lm	DALI	A++	✓	260	125	460	5000 - 7000	Ø 76	34 · 72
99 721	58.5 W	4890 lm	DALI	A++	✓	315	135	580	6000 - 9000	Ø 76	34 · 72



Cross beams

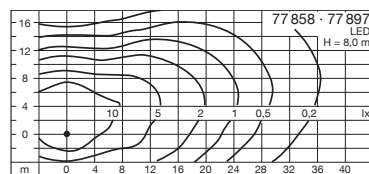
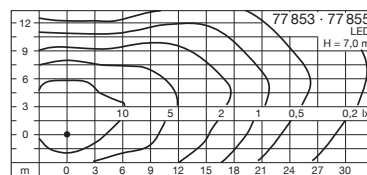
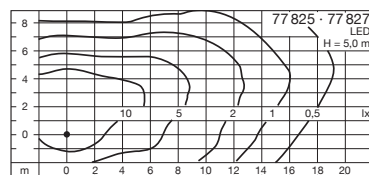
70 700 Cross beam attack angle 3°
70 701 Cross beam attack angle 12°



Pole tops · for pole top Ø 76

70 702 Pole top for 2 luminaires
70 703 Pole top for 3 luminaires





LED pole-top luminaires and LED side-mounted pole-top luminaires

Asymmetrical flat beam light distribution

Luminaires with a high protection class and safety class II whose comprehensive performance spectrum allows them to cover numerous lighting applications in street, square and city illumination; they are available as pole-top luminaires or as side-mounted pole-top luminaires. The asymmetrical flat beam light distribution is particularly suitable for illuminating streets in accordance with EN 13201.

For lighting technology with optimised efficiency level, we use only system components in reliable materials. Miro® reflectors made of reflection-intensive pure aluminium, anti-glare single-pane safety glass and BEGA LED modules with 20 years' availability guarantee.

Luminaires ready for installation, for single and double arrangements.

Protection class IP 66 · Safety class II · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Safety glass · Reflector made of pure anodised aluminium

Attack angle adjustable to 0° or 15° · Luminaires can be opened without tools

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories with DALI interface can be found on Page 554.

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. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

Pole-top luminaires for pole top Ø76 mm · also available on request for pole top Ø60 mm

Side-mounted pole-top luminaires for connection Ø42 mm · also available on request for Ø60 mm

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

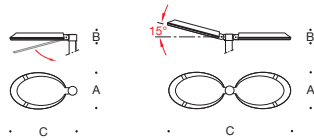
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**

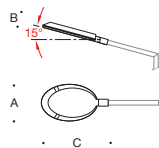


Asymmetrical flat beam



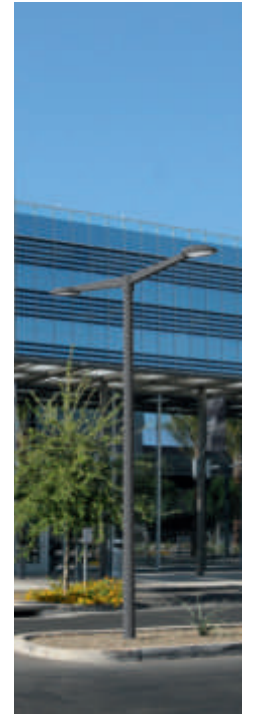
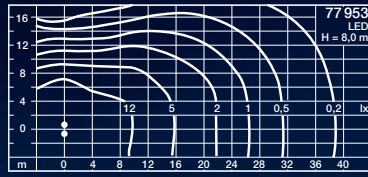
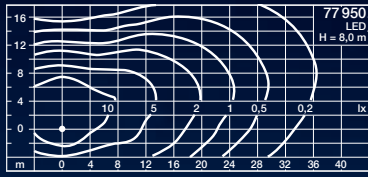
LED pole-top luminaires · Single										Poles		
	LED	PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Groups		
77 825	13.3 W	1845 lm	DALI	A++	✓	260	55	520	3500-5000	Ø76	34 · 14	33 · 13
77 853	26.3 W	3655 lm	DALI	A++	✓	260	55	520	5000-7000	Ø76	72 · 14	33 · 13
77 858	35.0 W	4520 lm	DALI	A++	✓	260	55	520	5000-8000	Ø76	72 · 14	33 · 13

LED pole-top luminaires · Double										Poles		
	LED	PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Groups		
77 826	2 × 13.3 W	3690 lm	DALI	A++	✓	260	55	945	3500-5000	Ø76	34 · 14	33 · 13
77 854	2 × 26.3 W	7310 lm	DALI	A++	✓	260	55	945	5000-7000	Ø76	72 · 14	33 · 13
77 859	2 × 35.0 W	9040 lm	DALI	A++	✓	260	55	945	5000-8000	Ø76	72 · 14	33 · 13



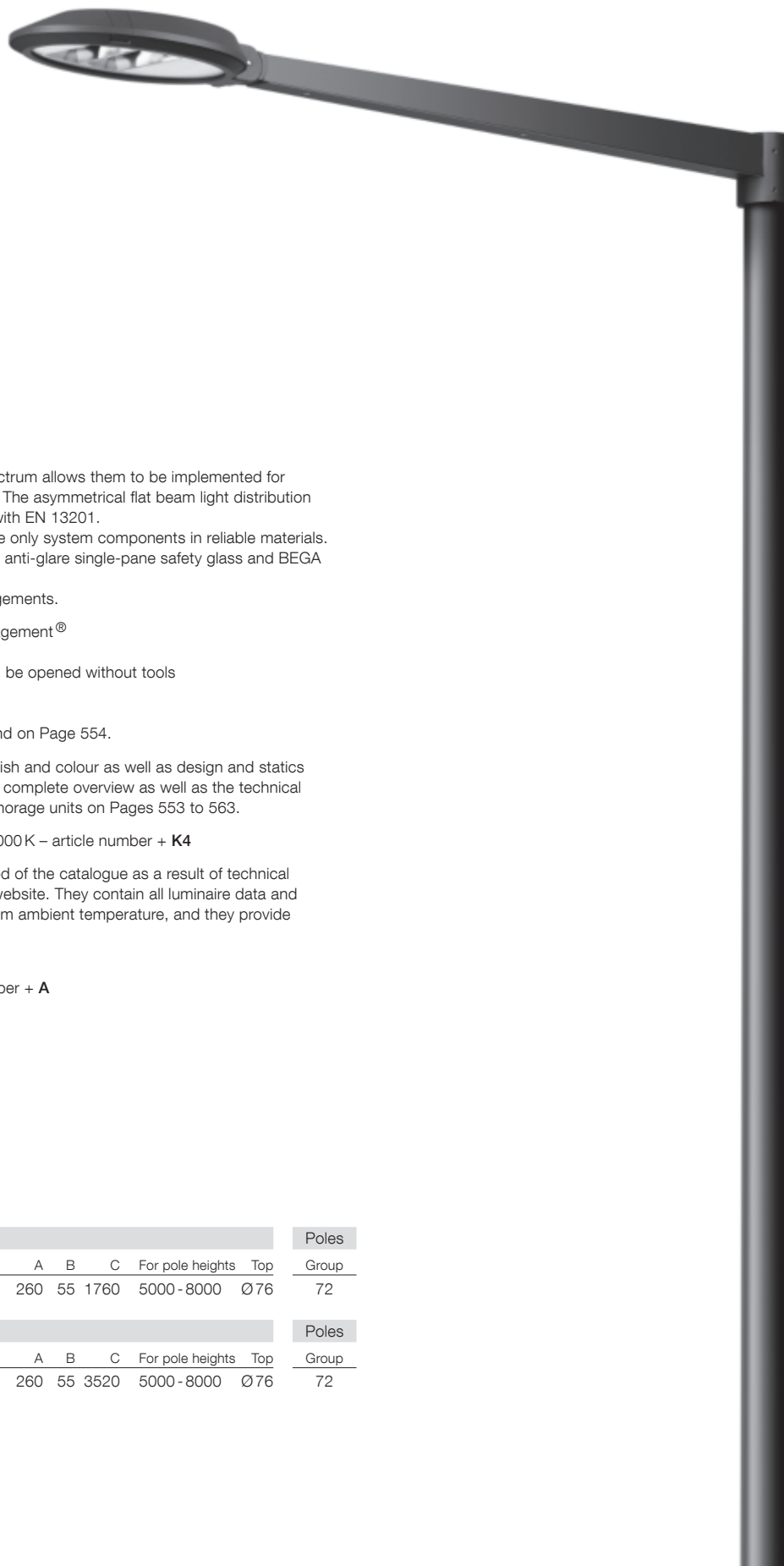
LED side-mounted pole-top luminaires for bracket poles										
	LED	PSU	EEC	AC/DC	A	B	C	For pole heights	Connection	
77 827	13.3 W	1845 lm	DALI	A++	✓	260	55	560	3500-5000	Ø42
77 855	26.3 W	3655 lm	DALI	A++	✓	260	55	560	5000-7000	Ø42
77 897	35.0 W	4520 lm	DALI	A++	✓	260	55	560	5000-8000	Ø42







Asymmetrical flat beam



LED pole-top luminaires with outrigger arm

Asymmetrical flat beam light distribution

These luminaires belong to a group whose performance spectrum allows them to be implemented for all lighting applications in street, square and city illumination. The asymmetrical flat beam light distribution is particularly suitable for illuminating streets in accordance with EN 13201.

For lighting technology with optimised efficiency level, we use only system components in reliable materials. Miro® reflectors made of reflection-intensive pure aluminium, anti-glare single-pane safety glass and BEGA LED modules with 20 years' availability guarantee.

Luminaires ready for installation, for single and double arrangements.

Protection class IP 66 · Safety class II · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector made of pure anodised aluminium · Luminaires can be opened without tools

BEGA Ultimate Driver® · DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories with DALI interface can be found on Page 554.

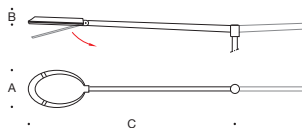
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

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

The power information might 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®.

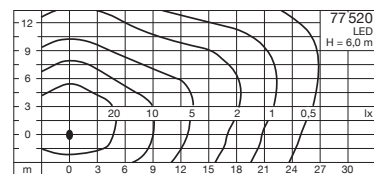
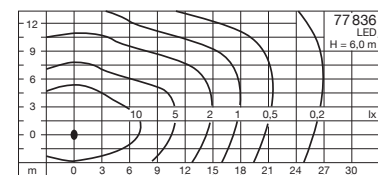
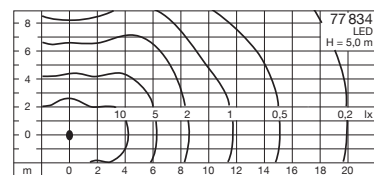
Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



LED pole-top luminaire with outrigger arm · Single										Poles	
	LED		PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Group
77 950	35.0 W	4520 lm	DALI	A++	✓	260	55	1760	5000-8000	Ø76	72

LED pole-top luminaire with outrigger arm · Double										Poles	
	LED		PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Group
77 953	2 x 35.0 W	9040 lm	DALI	A++	✓	260	55	3520	5000-8000	Ø76	72



LED pole-top luminaires

Asymmetrical flat beam light distribution

Pole-top luminaires with asymmetrical flat beam light distribution and three light outputs. For mounting heights of 4000 to 8000 mm. The attack angle of the luminaires is adjustable to 0° or 15°. On request, these luminaires are also available as side-mounted pole-top luminaires for bracket poles and as wall luminaires.

Luminaires ready for installation, for single and double arrangements.

Protection class IP 66 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Synthetic cover with optical texture

Attack angle adjustable to 0° or 15° · Luminaires can be opened without tools

DALI controllable

20 years' availability guarantee for LED modules

Power reduction accessories with DALI interface can be found on Page 554.

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. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

As custom-made products, these luminaires are also available for Ø60 mm pole tops and as outrigger luminaires.

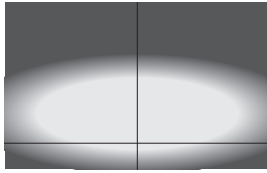
LED colour temperature: 3000K – article number + **K3** or

4000K – article number + **K4**

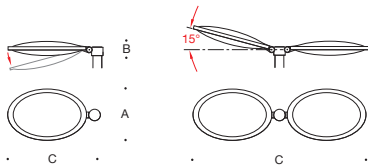
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

Luminaire colour graphite or silver

■ Graphite – article number · ■ Silver – article number + **A**



Asymmetrical flat beam



LED pole-top luminaires · Single										Poles		
	LED	PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Groups		
77 834	13.8 W	1655 lm	DALI	A++	✓	400	135	750	4000-5000	Ø76	34 · 14	33 · 13
77 836	34.7 W	4540 lm	DALI	A++	✓	400	135	750	5000-8000	Ø76	34 · 72	33 · 13
77 520	64.0 W	6780 lm	DALI	A++	✓	400	135	750	5000-8000	Ø76	34 · 72	33 · 13

LED pole-top luminaires · Double										Poles		
	LED	PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Groups		
77 839	2 × 13.8 W	3310 lm	DALI	A++	✓	400	135	1400	4000-5000	Ø76	34 · 14	33 · 13
77 841	2 × 34.7 W	9080 lm	DALI	A++	✓	400	135	1400	5000-8000	Ø76	34 · 72	33 · 13
77 530	2 × 64.0 W	13560 lm	DALI	A++	✓	400	135	1400	5000-8000	Ø76	34 · 72	33 · 13



LED pole-top luminaires

Asymmetrical flat beam light distribution

This luminaire series continues a line that we have been producing for 30 years. With some cautious changes, we have modernised these classics for today's technical requirements. They feature not only a high protection class but also state-of-the-art lighting technology. The light distribution is particularly suitable for illuminating streets in accordance with EN 13201. As custom-made products, luminaires from this series are also available on request as double pole-top luminaires or as side-mounted pole-top luminaires.

Protection class IP 65 · BEGA Thermal Management®
 Cast aluminium, aluminium and stainless steel · Synthetic cover with optical texture
 Reflector made of pure anodised aluminium
 BEGA Ultimate Driver® · DALI controllable
 20 years' availability guarantee for LED modules
 Power reduction accessories for LED luminaires with DALI interface can be found on Page 554.

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. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

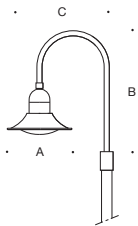
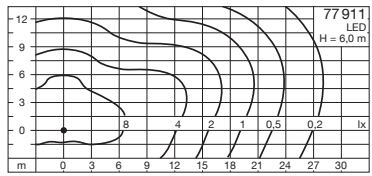
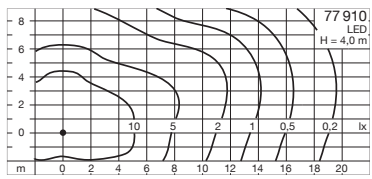
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

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■ Luminaire colour graphite



As custom-made products also available as double pole-top luminaires.



LED pole-top luminaires										Poles	
	LED	PSU	EEC	AC/DC	A	B	C	For pole heights	Top	Groups	
77 910	18.0 W	2250 lm	DALI	A++	✓	500	1030	830	4000-6000	Ø 76	34 · 15
77 911	25.8 W	3490 lm	DALI	A++	✓	675	1180	1020	4000-6000	Ø 76	34 · 15



LED pendant luminaires for catenary systems

Symmetrical flat beam light distribution

LED pendant luminaire with symmetrical flat beam light distribution for use in catenary systems. The light distribution is particularly suitable for illuminating streets in accordance with EN 13201.

The luminaires can be installed in transverse suspension systems and longitudinal chain systems.

For lighting technology with optimised efficiency level, we use only system components in reliable materials. Miro® reflectors made of reflection-intensive pure aluminium, anti-glare single-pane safety glass and BEGA LED modules with 20 years' availability guarantee.

Luminaires with this design are easy to integrate into the BEGA Control light control system.

On request we can also supply these luminaires in safety class II.

Protection class IP 66 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel

Safety glass · Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI controllable

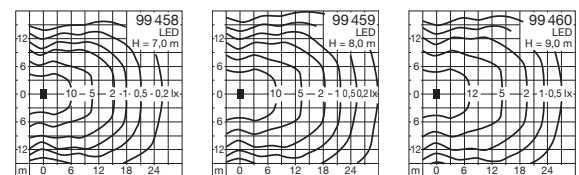
20 years' availability guarantee for LED modules

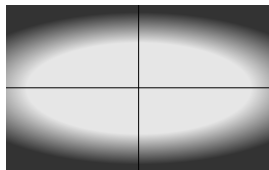
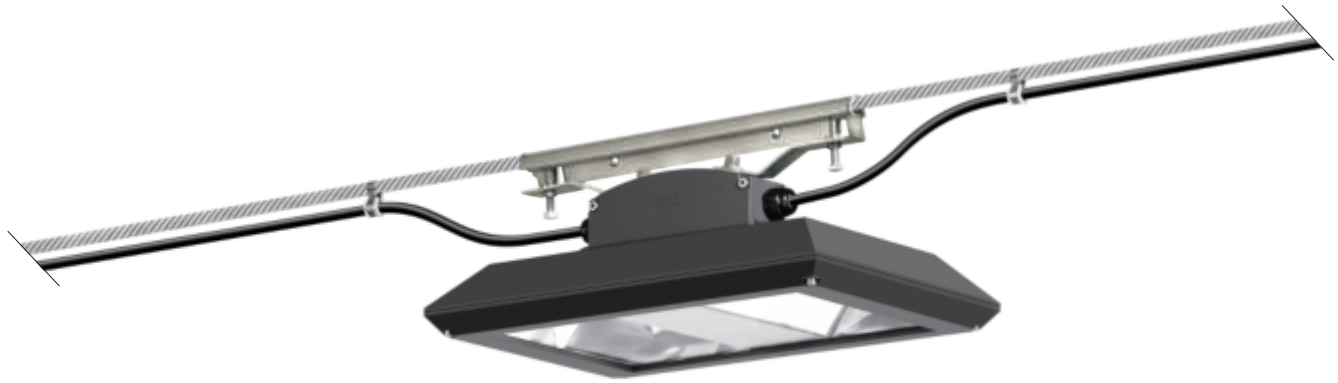
Power reduction accessories with DALI interface can be found on Page 554.

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

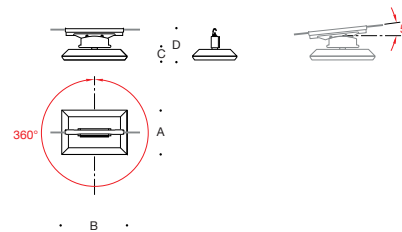
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

■ Luminaire colour graphite



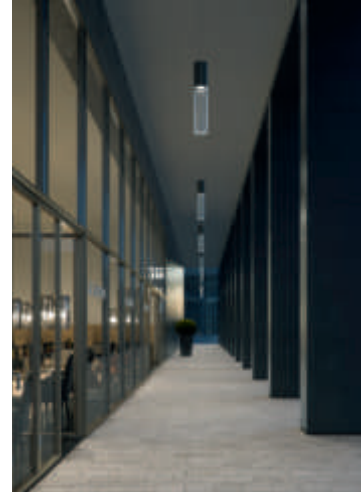
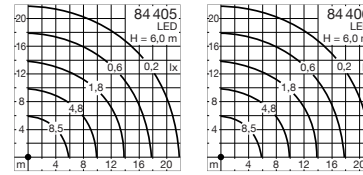


Symmetrical flat beam



LED pendant luminaires for catenary systems

	LED	PSU	EEC	A	B	C	D	AC/DC
99 458	35.0 W	4885 lm	DALI	A++	310	460	75 230	✓
99 459	54.0 W	7445 lm	DALI	A++	310	460	75 230	✓
99 460	70.0 W	9695 lm	DALI	A++	310	460	75 230	✓



For pendant luminaires, see Page 86.

LED pendant luminaires for catenary systems

Shielded light, symmetrical wide beam light distribution

LED pendant luminaires for catenary systems in two versions.

An integral reflector unit directs the light downwards in a rotationally symmetrical wide beam. The luminaires with their clear synthetic cylinder create a vertical light fraction in addition to the horizontal illuminance. Parts of the building in the immediate vicinity of the luminaires are thus illuminated and persons easily identified. Luminaires for good visual comfort in arcades, galleries and passageways.

You can find pendant luminaires with the same design features but with different dimensions on Page 86.

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

84 406 Sealed clear synthetic cylinder

Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI controllable

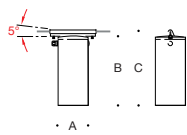
20 years' availability guarantee for LED modules

Power reduction accessories for LED luminaires with DALI interface can be found on Page 554.

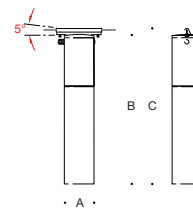
LED colour temperature: 3000K – article number + **K3** or 4000K – article number + **K4**

The power information might 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®.

■ Luminaire colour graphite

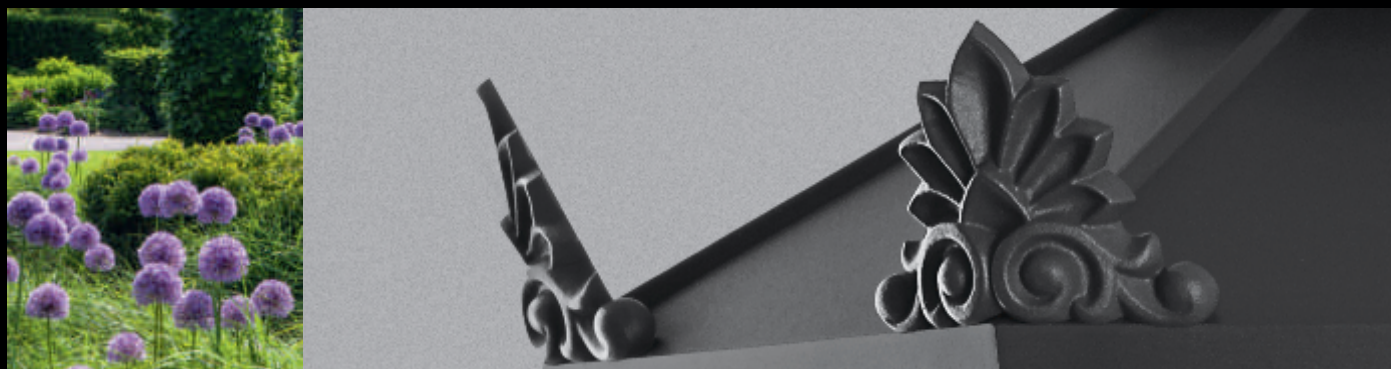


LED pendant luminaire for catenary systems							
	LED	PSU	EEC	A	B	C	AC/DC
84 405	40 W	4205 lm	DALI	A++	190	485	525 ✓



LED pendant luminaire for catenary systems · Clear synthetic cylinder							
	LED	PSU	EEC	A	B	C	AC/DC
84 406	40 W	4630 lm	DALI	A++	190	1035	1075 ✓





The Collection BOOM

The Collection BOOM is a selection of luminaires handcrafted from copper, cast bronze, brass, cast aluminium and hand-blown glass using traditional methods.

Stylish luminaires which impress not only by their high-quality materials and workmanship but also by their modern lighting technology. As a carefully coordinated building detail, they help to round off 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 radiate durability and lasting value. They are timeless.

To achieve the best protection from corrosion, aluminium and cast aluminium parts are pre-treated, powder coated and finished with a high-grade enamel.



Recessed wall luminaires made of cast bronze

Shielded and unshielded light

Extremely robust recessed luminaires made of cast bronze, whose material is of impressive quality. Unless intentionally destroyed, these luminaires have a practically unlimited service life. Installation is simple and economical thanks to the shallow installation depth and the BEGA mounting system. These luminaires are optionally available with LED or for lamps with screw base E 27.

Protection class IP 65 · BEGA Thermal Management®

Luminaire cover made of cast bronze · Luminaire housing made of stainless steel

Crystal glass, inside white

LED luminaires: On/Off power supply unit

20 years' availability guarantee for LED modules

Perfectly matching 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.

LED colour temperature: 3000K – article number + **K3**

The power information might 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®.

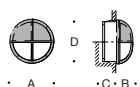
You will find suitable BEGA LED lamps with screw base E 27 on Page 534.



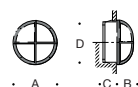
Shielded



Unshielded



You can find
LED lamps on
Page 534.



You can find
LED lamps on
Page 534.

Recessed wall luminaires · Shielded

	LED	PSU	EEC	A	B	C	D	AC/DC	Install. housing	
31 100	5.0 W	145 lm	On/Off	A++	210	70	80	198	✓	10 001
31 101	9.0 W	225 lm	On/Off	A++	265	85	80	253	✓	10 002
	Lamp	Base								
31 230	1 lamp	60 W	E 27	A++-E	210	70	80	198	—	10 001
31 229	1 lamp	100 W	E 27	A++-E	265	85	80	253	—	10 002

Recessed wall luminaires · Unshielded

	LED	PSU	EEC	A	B	C	D	AC/DC	Install. housing	
31 103	5.0 W	280 lm	On/Off	A++	210	70	80	198	✓	10 001
31 104	9.0 W	400 lm	On/Off	A++	265	85	80	253	✓	10 002
	Lamp	Base								
31 236	1 lamp	60 W	E 27	A++-E	210	70	80	198	—	10 001
31 235	1 lamp	100 W	E 27	A++-E	265	85	80	253	—	10 002



Wall luminaires made of cast bronze

Shielded and unshielded light

Extremely robust recessed luminaires made of cast bronze, whose material is of impressive quality. Unless intentionally destroyed, these luminaires have a practically unlimited service life.

The luminaires can be closed and opened either without a tool or with a tool. These luminaires are optionally available with LED or for lamps with screw base E 27.

Protection class IP 65 · BEGA Thermal Management®

Cast bronze and brass · Crystal glass, inside white

LED luminaires: On/Off power supply unit

20 years' availability guarantee for LED modules

LED colour temperature: 3000K – article number + **K3**

The power information might 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®.

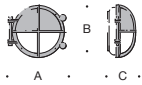
You will find suitable BEGA LED lamps with screw base E 27 on Page 534.



Shutting and opening
without a tool



Shutting and opening
with a tool

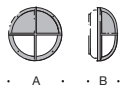


31 120
31 281

You can find
LED lamps on
Page 534.

Wall luminaires · Shutting and opening **without tools** · **Shielded**

	LED	PSU	EEC	A	B	C	AC/DC
31 120	5.0 W	215 lm	On/Off	A++	215	200	160 ✓
31 148	9.4 W	270 lm	On/Off	A++	280	260	135 ✓
	Lamp	Base					
31 281	1 lamp	60 W	E 27	A++-E	215	200	160 —
31 285	1 lamp	100 W	E 27	A++-E	280	260	135 —



Wall luminaires · Shutting and opening **with tools** · **Shielded**

	LED	PSU	EEC	A	B	AC/DC
31 182	5.0 W	150 lm	On/Off	A++	210	120 ✓
31 183	9.4 W	270 lm	On/Off	A++	265	135 ✓
	Lamp	Base				
31 292	1 lamp	60 W	E 27	A++-E	210	120 —
31 291	1 lamp	100 W	E 27	A++-E	265	135 —



31 159
31 280

You can find
LED lamps on
Page 534.

Wall luminaires · Shutting and opening **without tools** · **Unshielded**

	LED	PSU	EEC	A	B	C	AC/DC
31 159	5.0 W	385 lm	On/Off	A++	215	200	160 ✓
31 163	9.4 W	410 lm	On/Off	A++	280	260	135 ✓
	Lamp	Base					
31 280	1 lamp	60 W	E 27	A++-E	215	200	160 —
31 284	1 lamp	100 W	E 27	A++-E	280	260	135 —



Wall luminaires · Shutting and opening **with tools** · **Unshielded**

	LED	PSU	EEC	A	B	AC/DC
31 198	5.0 W	290 lm	On/Off	A++	210	120 ✓
31 199	9.4 W	410 lm	On/Off	A++	265	135 ✓
	Lamp	Base				
31 296	1 lamp	60 W	E 27	A++-E	210	120 —
31 295	1 lamp	100 W	E 27	A++-E	265	135 —



Wall luminaires

Light emission on two sides

Wall luminaires in two sizes for screw base E 27.

Luminaires shielded to the front, made of copper and hand-blown, three-ply opal glass.

The light from the lamps exits in two directions. The wall acts as a reflection surface for the soft diffuse light radiating upwards and downwards.

These luminaires are impressive for their extremely pleasant atmospheric lighting and high level of visual comfort. As single luminaires or arranged in groups, they can cover many design and lighting applications indoors and outdoors.

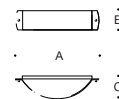
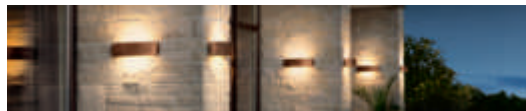
Protection class IP 54 · Copper and brass


Wall mounting made of stainless steel

Hand-blown opal glass

Other technical data can be found on our website in the product data sheet issued for the luminaires.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.



 You can find
LED lamps on
Page 534.

Wall luminaires

	Lamps	Base	EEC	A	B	C
31 453	1 lamp	70 W	E 27	A++-E	300	100 130
31 455	2 lamps	60 W	E 27	A++-E	400	100 110



The flame, the original form of all light.
Alive, and of unusual fascination.
Protected from the wind – for when artificial
light is having a break. For indoors and
outdoors.
We supply the copper and crystal glass
lantern in a gift box, including candle.

Lantern		
	Ø	Height
31 500	80	150



Wall luminaires

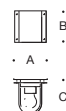
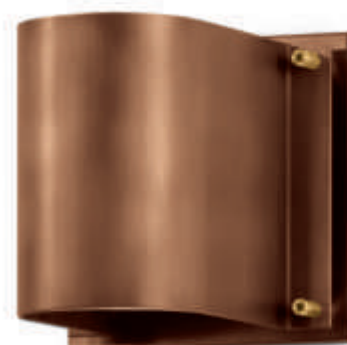
Light emission on two sides

Luminaires shielded to the front, in three sizes, made of copper and hand-blown crystal bubble glass. Copper is used to shield the luminaires and protect the glass. The brilliant light from the lamps is radiated directly upwards and downwards, projecting impressive light graphics onto the wall.

As single luminaires or arranged in groups, these luminaires produce expressive light for the effective highlighting of surfaces and vertical architectural details.

Protection class IP 64 · Copper and brass · Wall mounting made of stainless steel
Hand-blown crystal bubble glass with thread

Other technical data can be found on our website in the product data sheet issued for the luminaires. You will find suitable BEGA LED lamps with screw base E 14 and E 27 on Page 534.



You can find
LED lamps on
Page 534.



Wall luminaires

	Lamps	Base	EEC	A	B	C
31206	1 lamp	40 W	E 14	A++-E	120	120 170
31207	1 lamp	60 W	E 27	A++-E	160	160 200
31208	1 lamp	75 W	E 27	A++-E	190	190 220



Wall luminaires

These luminaires are designed for applications around the house, alongside doors, gates and on pillars. Copper forms its own protective coating and develops its distinctive character only gradually through the resulting patina. Quality, durability and beauty are attributes which have characterized this material for centuries.

Wall luminaires in a choice of two versions.

- Shielded luminaires made of copper and brilliant crystal bubble glass in two sizes, optionally in single or double configuration. An annular shield made of copper prevents glare from the luminaires, without affecting the impressive brilliance of the crystal bubble glass. The light from these luminaires is strikingly expressive.

We supply these luminaires with screw base E 14 or E 27.

- Unshielded luminaires made of copper and opal glass in two sizes. Clear-cut lines and high-quality materials result in elements of architectural design which are both striking and long lasting.

These luminaires are available with LED.

Protection class IP 44 · BEGA Thermal Management®

Copper and cast bronze

Hand-blown crystal bubble glass or hand-blown opal glass with thread

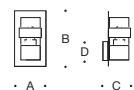
The luminaires are fixed to the mounting surface by a stainless steel mounting plate.


LED luminaires: On/Off power supply unit

20 years' availability guarantee for LED modules

LED colour temperature: 3000K – article number + **K3**

The power information might 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®.



 You can find LED lamps on Page 534.

Single wall luminaires · Crystal bubble glass · Shielded

	Lamp	Base	EEC	A	B	C	D
31 222	1 lamp	40 W	E 14	A++-E	115	200	105 90
31 223	1 lamp	60 W	E 27	A++-E	150	265	135 90



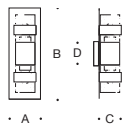
31 222
31 223



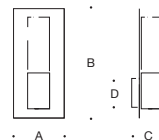
31 225
31 226



31 098
31 099



You can find
LED lamps on
Page 534.



Double wall luminaires · Crystal bubble glass · Shielded

	Lamp	Base	EEC	A	B	C	D
31 225	2 lamps	40 W	E 14	A++-E	115	320	105 90
31 226	2 lamps	60 W	E 27	A++-E	150	435	135 90

LED wall luminaires · Opal glass · Unshielded

	LED	PSU	EEC	A	B	C	D	AC/DC
31 098	2.5 W	230 lm	On/Off	A++	170	360	100 90	✓
31 099	10.0 W	445 lm	On/Off	A+	220	570	150 150	✓



Wall luminaires

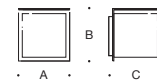
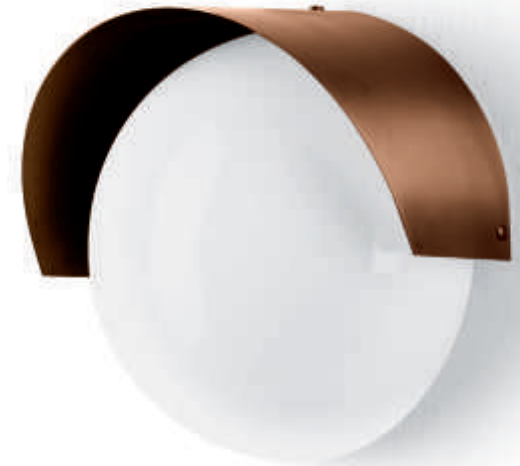
Luminaires shielded upwards, made of copper with hand-blown, three-ply opal glass.


These robust and reliable lighting tools retain their aesthetic quality over a long period of time. With a classic shape of discreet elegance. Luminaires for a host of lighting applications – indoors and outdoors.

Protection class IP 44 · Hand-blown opal glass
31 311 · 31 312 Fitting made of cast aluminium, colour graphite
Shield made of copper
31 470 Fitting and shield made of copper

Other technical data can be found on our website in the product data sheet issued for the luminaires.

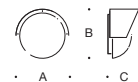
You will find suitable BEGA LED lamps with screw base E 27 on Page 534.



 You can find
LED lamps on
Page 534.

Wall luminaires · Square

	Lamp	Base	EEC	A	B	C
31311	1 lamp	75 W	E 27	A++-E	200	210
31312	1 lamp	100 W	E 27	A++-E	250	265



Wall luminaire · Round

	Lamp	Base	EEC	A	B	C
31470	1 lamp	75 W	E 27	A++-E	245	140



Ceiling and wall luminaires

Ceiling and wall luminaires made of copper and crystal glass in various sizes. The various dimensions and light outputs of the luminaires cover a host of lighting applications with the same luminaire series.

Classic and yet at the same time modern, these luminaires are also effective design elements. These luminaires are optionally available with LED or for lamps with screw base E 27.

Protection class IP 64 · BEGA Thermal Management®

Copper and brass · Crystal glass, inside white

The luminaires have stainless steel support points on the installation surface.

LED luminaires: On/Off power supply unit

20 years' availability guarantee for LED modules

LED colour temperature: 3000K – article number + **K3**

The power information might 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®.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.





You can find
LED lamps on
Page 534.



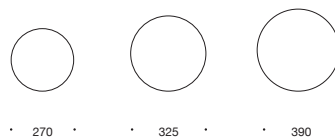
You can find
LED lamps on
Page 534.

Ceiling and wall luminaires · With **safety guard**

	LED	PSU	EEC	A	B	AC/DC
31327	5.0 W	385 lm	On/Off	A++	220 130	✓
31329	9.4 W	830 lm	On/Off	A++	280 155	✓
	Lamp	Base				
31495	1 lamp	60 W	E 27	A++-E	220 130	—
31497	1 lamp	75 W	E 27	A++-E	280 155	—

Ceiling and wall luminaires · **Unshielded**

	LED	PSU	EEC	A	B	AC/DC
31333	5.0 W	425 lm	On/Off	A++	220 120	✓
31394	9.4 W	930 lm	On/Off	A++	280 145	✓
	Lamp	Base				
31489	1 lamp	60 W	E 27	A++-E	220 120	—
31491	1 lamp	75 W	E 27	A++-E	280 145	—



LED ceiling and wall luminaires

Ceiling and wall luminaires in different sizes for a host of lighting applications, both indoors and outdoors.

These luminaires are characterised by the contrasting effect between the shield, the opal glass and the installation surface. Some of the light is emitted behind the shield and also illuminates the mounting surface. Depending on the colour of the installation surface, this creates an impressive light effect.

These redesigned luminaires meet today's requirements – their design is practically unchanged, but the hand-blown opal glass elements now shine with efficient BEGA LED technology.

The high protection class IP 65 is new and extends the range of applications for many areas of architecture.

Protection class IP 65 · BEGA Thermal Management®

Copper · Cast aluminium fittings, colour graphite

Satin matt hand-blown opal glass with bayonet closure

Luminaires with On/Off power supply unit or DALI controllable power supply unit
20 years' availability guarantee for LED modules

LED colour temperature: 3000K – article number + **K3**

The power information might 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®.



LED ceiling and wall luminaires

	LED		PSU	EEC	A	B	C	AC/DC
31 041	9.2 W	780 lm	On/Off	A++	270	70	205	✓
31 042	16.7 W	1420 lm	DALI	A++	325	90	250	✓
31 043	32.0 W	2520 lm	DALI	A++	390	100	300	✓



LED wall washers

Wall washers with symmetrical light distribution for illuminating walls and adjacent ceilings and structures.

For illuminating arcades, vaults and colonnades. Ideal wherever architecture needs to be illuminated by reflected light from walls and ceilings. Luminaires made of copper and cast bronze.

These robust luminaires are made of exceptionally high-quality materials and are equipped with planar luminaire glass, on which no water can collect.

Classic wall luminaires, reminiscent of bygone epochs yet equipped with modern lighting technology.

Protection class IP 44 · BEGA Thermal Management®

Cast bronze, copper and stainless steel · Safety glass

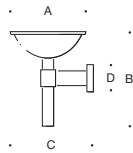
The luminaires are fixed to the mounting surface by a stainless steel mounting plate.

On/Off power supply unit

20 years' availability guarantee for LED modules

LED colour temperature: 3000K – article number + **K3**

The power information might 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®.



LED wall washers

	LED	PSU	EEC	A	B	C	D	AC/DC
31 190	21.0 W	2060 lm	On/Off	A++	355	460	395	130 ✓



Wall luminaires

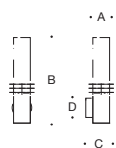
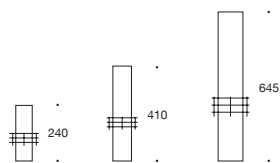
Unshielded wall luminaires in various sizes. For illuminating entrances, arcades and walkways. Clear-cut lines and high-quality materials turn the luminaires into elements of architectural design which are both striking and long lasting. Available with LED or for lamps with screw base E 14. You can find luminaires with similar shape and lighting characteristics but made of copper on Page 508.


Protection class IP 44 · BEGA Thermal Management®
Aluminium and stainless steel · Hand-blown opal glass with thread
LED luminaires: On/Off power supply unit
20 years' availability guarantee for LED modules

LED colour temperature: 3000K – article number + **K3**

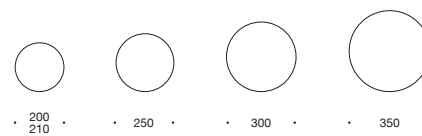
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®. You will find suitable BEGA LED lamps with screw base E 14 on Page 534.

■ Luminaire colour graphite



 You can find
LED lamps on
Page 534.

Wall luminaires								
	LED	PSU	EEC	A	B	C	D	AC/DC
31068	4.1 W	230 lm	On/Off	A++	95	240	115	75 ✓
31074	4.0 W	360 lm	On/Off	A++	120	410	135	90 ✓
31075	16.0 W	1990 lm	On/Off	A++	160	645	165	110 ✓
	Lamp	Base						
31201	1 lamp	40 W	E 14	A++-E	95	240	115	75 —
31203	1 lamp	60 W	E 14	A++-E	120	410	135	90 —



Ceiling, wall and pillar luminaires

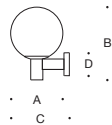
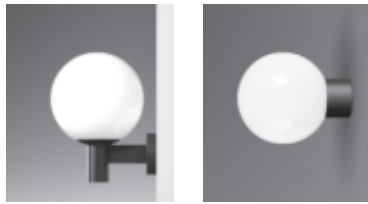
Luminaires for many different uses in the form of a sphere. Hand-blown, three-ply opal glass is an outstanding lighting material which distributes the light uniformly over the surface of the glass. Our opal glass has a high transparency level, is resistant to ageing, easy to clean and looks brilliant. If it is not vandalised, it can last indefinitely. Luminaires with a pleasantly soft light for a high degree of visual comfort. The BEGA mounting system allows the simple alignment of the luminaires. There are matching corner blocks for installing these wall luminaires on the corner of a building. You can find technical information on our website in the instructions for use for all luminaires.


Protection class IP44 · Cast aluminium, aluminium and stainless steel · Opal glass

Other technical data can be found on our website in the product data sheet issued for the luminaires.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

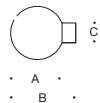
■ Luminaire colour graphite



 You can find
LED lamps on
Page 534.

Wall luminaires with wall arm

	Lamp	Base	EEC	A	B	C	D
55 453	1 lamp	75 W	E 27	A++-E	210	300	240 110
55 454	1 lamp	75 W	E 27	A++-E	250	350	280 110
66 165	1 lamp	150 W	E 27	A++-E	350	480	410 130



Ceiling, wall and pillar luminaires

	Lamp	Base	EEC	A	B	C
44 568	1 lamp	60 W	E 27	A++-E	200	250 110
44 668	1 lamp	75 W	E 27	A++-E	250	310 110
44 769	1 lamp	100 W	E 27	A++-E	300	350 120



Wall luminaires

Long established as classics, these luminaires have been illuminating numerous situations on buildings for decades already. Luminaires which invoke traditional lanterns and today illuminate stylish buildings as well as historical architecture.

These luminaires are optionally available with LED or for lamps with screw base E 27.

There are matching corner blocks for installing these wall luminaires on the corner of a building. You can find technical information on our website in the instructions for use for all luminaires.

Protection class IP 44 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Opal glass with thread

LED luminaires: On/Off power supply unit

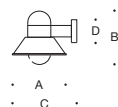
20 years' availability guarantee for LED modules


LED colour temperature: 3000 K – article number + **K3**

The power information might 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®.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

■ Luminaire colour graphite



 You can find LED lamps on Page 534.

Wall luminaires									
	LED	PSU	EEC	A	B	C	D	AC/DC	
66 410	11.0 W	830 lm	On/Off	A++	260	255	310	110	✓
	Lamp		Base						
66 290	1 lamp	60 W	E 27	A++-E	260	255	310	110	—



You can find
LED lamps on
Page 534.

Wall luminaires									
	LED	PSU	EEC	A	B	C	D	AC/DC	
66 411	11.0 W	910 lm	On/Off	A++	320	380	345	110	✓
	Lamp	Base							
66 491	1 lamp	60 W	E 27	A++-E	320	380	345	110	—



You can find
LED lamps on
Page 534.

Wall luminaires									
	LED	PSU	EEC	A	B	C	D	AC/DC	
31 014	4.1 W	375 lm	On/Off	A++	180	215	260	80	✓
31 016	5.0 W	470 lm	On/Off	A++	260	260	340	110	✓
	Lamp	Base							
31 118	1 lamp	60 W	E 27	A++-E	260	260	340	110	—



Wall luminaires

The shape of the lantern is unmatched in its diversity. Originally intended to illuminate houses and courtyards, the shape was clearly determined by function. Copper with its vivid surface accentuates the special character of these luminaires. Stylish light objects for houses and courtyards, alongside and above doors, and for a host of other lighting applications. These luminaires are optionally available with LED or for lamps with screw base E 27.

Protection class IP 44 · BEGA Thermal Management®

Copper and brass · Hand-blown opal glass with thread

The luminaires are fixed to the mounting surface by a stainless steel mounting plate.

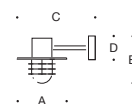
LED luminaires: On/Off power supply unit

20 years' availability guarantee for LED modules

LED colour temperature: 3000K – article number + **K3**

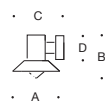
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.


You will find suitable BEGA LED lamps with screw base E 27 on Page 534.



LED wall luminaires

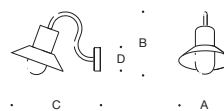
	LED	PSU	EEC	A	B	C	D	AC/DC
31171	5.0 W 375 lm	On/Off	A++	235	225	370	110	✓




 You can find LED lamps on Page 534.

Wall luminaires

	LED	PSU	EEC	A	B	C	D	AC/DC	
31 058	4.1 W	305 lm	On/Off	A++	180	165	200	90	✓
31 060	5.0 W	410 lm	On/Off	A++	260	205	280	110	✓
	Lamp	Base							
31 263	1 lamp	60 W	E 27	A++-E	260	205	280	110	—



 You can find LED lamps on Page 534.

Wall luminaires

	LED	PSU	EEC	A	B	C	D	AC/DC	
31 004	4.1 W	375 lm	On/Off	A++	180	245	320	90	✓
31 008	5.0 W	470 lm	On/Off	A++	260	300	425	110	✓
	Lamp	Base							
31 009	1 lamp	60 W	E 27	A++-E	260	300	425	110	—



Wall luminaires · Garden luminaire

Shielded luminaires with hand-blown three-ply opal glass create a pleasant atmosphere with their soft light.

Whether arranged as single luminaires, around buildings or as groups: these are stylish elements for illuminating houses, gardens and wherever else atmospheric lighting is required.

Wall luminaires Protection class IP 44 · Garden luminaire Protection class IP 64
Cast aluminium, aluminium and stainless steel · Hand-blown opal glass with thread

BEGA garden luminaires are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

Other technical data can be found on our website in the product data sheet issued for the luminaire.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

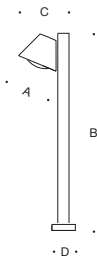
■ Luminaire colour graphite



You can find
LED lamps on
Page 534.

Wall luminaires

	Lamps	Base	EEC	A	B	C	D
31 035	1 lamp	60 W	E 27	A++-E	200	185	220 80
31 039	1 lamp	100 W	E 27	A++-E	260	245	275 110



Garden luminaire

	Lamps	Base	EEC	A	B	C	D	Anch. unit
84 073	1 lamp	60 W	E 27	A++-E	200	1000	300 140	70 895



Wall luminaires · Garden luminaire

Directed light

The light from the luminaires is shielded upwards and forwards by an aluminium shield, and directed onto the illuminated surface. A small slit of light highlights the contours of the luminaire. The wall luminaires can be installed with the light emission either to the top or bottom.

Whether arranged as single luminaires, around buildings or as groups: these are stylish elements for illuminating houses, gardens and wherever else atmospheric lighting is required.

Protection class IP 64 · Cast aluminium, aluminium and stainless steel
Hand-blown crystal bubble glass with thread

BEGA garden luminaires are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately.

For technical data, see Page 553.

Other technical data can be found on our website in the product data sheet issued for the luminaire. You will find suitable BEGA LED lamps with screw base E 14 and E 27 on Page 534.

■ Luminaire colour graphite

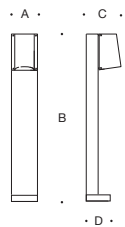




You can find
LED lamps on
Page 534.

Wall luminaires

	Lamps	Base	EEC	A	B	C
31 196	1 lamp	40 W	E 14	A++-E	135	185 120
31 197	1 lamp	60 W	E 27	A++-E	155	220 145



Garden luminaire

	Lamps	Base	EEC	A	B	C	D	Anch. unit
84 075	1 lamp	60 W	E 27	A++-E	160	1000	210 160	70 895





Garden luminaires

Garden and pathway luminaires with an optical cylindrical lens made of crystal glass. The cylindrical lens with its special light emission characteristics can look back on a long tradition in marine lanterns and beacons. Bundling the light rays produces a fascinating and brilliant lighting atmosphere. Luminaires for a host of applications in the illumination of paths, flower-beds and terraces – not only in a maritime context.

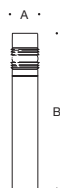
Protection class IP 55 · Cast aluminium, aluminium and stainless steel · Cylindrical lens made of crystal glass

BEGA garden luminaires are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

Other technical data can be found on our website in the product data sheet issued for the luminaire. You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

■ Luminaire colour graphite





You can find
LED lamps on
Page 534.

Garden luminaires							
	Lamp		Base	EEC	A	B	Anch. unit
84 080	1 lamp	100 W	E 27	A ⁺⁺ -E	140	800	70 894
88 632	1 lamp	100 W	E 27	A ⁺⁺ -E	165	1000	70 895





Wall luminaires · Pendant luminaires · Garden luminaires

This luminaire series comprises wall luminaires, pendant luminaires and garden luminaires.

Shielded luminaires made of copper and hand-blown, three-ply opal glass in different sizes. These durable and attractively designed luminaires create a pleasant atmosphere with their soft light.

Whether arranged as single luminaires, around buildings or as groups: these are stylish elements for illuminating houses, gardens and wherever else atmospheric lighting is required.

Copper as a building detail has a long history and is rich in tradition. We are continuing this tradition with our luminaires made of copper. They are supplied with their natural metal surface. Copper forms its own protective coating and develops its distinctive character only gradually through the resulting patina.

Wall luminaires and garden luminaires Protection class IP 44

Pendant luminaires Protection class IP 20

Copper, brass and die cast brass

Hand-blown opal glass with thread · 84 074 · Crystal bubble glass with thread

Wall luminaires are fixed to the mounting surface with a stainless steel mounting plate.

Pendant luminaire with cable pendant, colour black

Garden luminaires with base plate made of cast bronze

BEGA garden luminaires are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel.

Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

Other technical data can be found on our website in the product data sheet issued for the luminaire. You will find suitable BEGA LED lamps with screw base E 27 on Page 534.



Garden luminaires

	Lamp	Base	EEC	A	B	C	Anch. unit	
84 071	1 lamp	40 W	E 14	A++- E	220	950	130	70 894
84 074	1 lamp	60 W	E 27	A++- E	300	1000	150	70 895



Wall luminaires



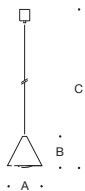
Pendant luminaire



You can find
LED lamps on
Page 534.

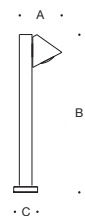
Wall luminaires

	Lamps	Base	EEC	A	B	C	D
31472	1 lamp	60 W	E 27	A++-E	210	185	245 110
31473	1 lamp	75 W	E 27	A++-E	250	225	285 110



Pendant luminaire · Protection class IP 20

	Lamp	Base	EEC	A	B	C
31073	1 lamp	60 W	E 27	A++-E	250	225 1500



Garden luminaire

	Lamps	Base	EEC	A	B	C	Anch. unit
84072	1 lamp	60 W	E 27	A++-E	280	1000 150	70 895



84 071
84 074



84 072



Wall luminaires · Garden luminaires

Unshielded luminaires in various sizes as wall luminaires and garden luminaires. For illuminating entrances, arcades and walkways. Clear-cut lines and high-quality materials result in elements of architectural design which are both striking and long lasting.

Available with LED or for lamps with screw base E 14.

You can find luminaires with similar shape and lighting characteristics but made of aluminium, colour graphite, on Page 492.

Garden luminaires Protection class IP 65 · Wall luminaires Protection class IP 44

Copper and brass · Garden luminaire with base plate made of cast bronze

Hand-blown opal glass with thread

LED luminaires: On/Off power supply unit · BEGA Thermal Management®

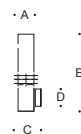
20 years' availability guarantee for LED modules


Wall luminaires are fixed to the mounting surface with a stainless steel mounting plate. Garden luminaires are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 553.

LED colour temperature: 3000 K – article number + **K3**

The power information might 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®.

You will find suitable BEGA LED lamps with screw base E 14 on Page 534.




 You can find LED lamps on Page 534.

Wall luminaires

	LED	PSU	EEC	A	B	C	D	AC/DC	
31 093	4.1 W	225 lm	On/Off	A++	95	240	115	75	✓
31 094	4.0 W	360 lm	On/Off	A++	120	410	135	90	✓
31 095	16.0 W	1990 lm	On/Off	A++	160	645	170	110	✓
	Lamp	Base							
31 224	1 lamp	40 W	E 14	A++-E	95	240	115	75	—



 You can find
LED lamps on
Page 534.

Garden luminaires									
	LED		PSU	EEC	A	B	C	AC/DC	Anch. unit
84 076	4.9 W	500 lm	On/Off	A++	120	1000	150	✓	70 895
84 077	16.0 W	1465 lm	On/Off	A++	160	1200	200	✓	70 895
	Lamp	Base							
84 069	1 lamp	60 W	E 14	A++-E	120	1000	150	—	70 895





Wall luminaire · Pillar luminaire · Pendant luminaire · Garden luminaire

A comprehensive luminaire series comprising wall luminaires, pillar luminaires, pendant luminaires and garden luminaires. The impressive crystal glass is a defining design element of these luminaires. We have recreated the optical lenses of historic ship lanterns.

The light from these luminaires is strikingly expressive. Copper forms its own protective coating and develops its distinctive character only gradually through the resulting patina. Durability and beauty are attributes which have characterised this material for centuries.

Wall luminaires and garden luminaires Protection class IP 44

Pendant luminaires Protection class IP 20

Copper · Brass guard · Garden luminaire with base plate made of cast bronze

Cylindrical lens made of crystal glass

Pendant luminaire with chain pendant and canopy made of copper

Wall luminaires and pillar luminaires are fixed to the mounting surface with a stainless steel mounting plate.

Garden luminaires are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately. For technical data, see Page 533.

Other technical data can be found on our website in the product data sheet issued for the luminaire. You will find suitable BEGA LED lamps with screw base E 27 on Page 534.



You can find LED lamps on Page 534.

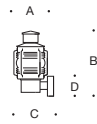
Garden luminaire								
	Lamps	Base	EEC	A	B	C	Anch. unit	
84 070	1 lamp	100 W	E 27	A++-E	180	1050	150	70 895



Pillar luminaire



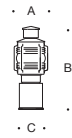
Pendant luminaire



You can find
LED lamps on
Page 534.

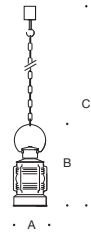
Wall luminaire

	Lamp	Base	EEC	A	B	C	D
31019	1 lamp	100 W	E 27	A++-E	180	345	210 110



Pillar luminaire

	Lamps	Base	EEC	A	B	C
31020	1 lamp	100 W	E 27	A++-E	180	430 130



Pendant luminaire · Protection class IP 20

	Lamp	Base	EEC	A	B	C
31021	1 lamp	75 W	E 27	A++-E	180	440 1600





Wall luminaires · Pillar luminaires · Pole-top luminaire

A series of luminaires comprising wall luminaires, pillar luminaires and pole-top luminaires. Luminaires with an appearance defined by handcrafted production. Copper, die cast brass and hand-blown crystal bubble glass lend these durable luminaires their very own distinctive charm.

Whether arranged as single luminaires, around buildings or as groups: They are stylish light elements for illuminating houses and gardens.

Protection class IP 23 · Copper, die cast brass and brass

Pillar luminaires with base plate made of cast bronze

Hand-blown crystal bubble glass

Wall luminaires and pillar luminaires are fixed to the mounting surface with a stainless steel mounting plate.

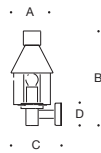
In the table, we recommend poles made of copper with a base plate made of cast bronze, which match the design and statics of the pole-top luminaires in this series.


You can find the complete overview as well as the technical data of all luminaire poles, anchorage units and connection boxes on Pages 553 to 563.

Other technical data can be found on our website in the product data sheet issued for the luminaire. You will find suitable BEGA LED lamps with screw base E 27 on Page 534.



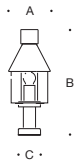
Pillar luminaire



 You can find LED lamps on Page 534.

Wall luminaires

	Lamps	Base	EEC	A	B	C	D
31 441	1 lamp	100 W	E 27	A++-E	210	450	240 110
31 323	1 lamp	150 W	E 27	A++-E	250	530	285 110



Pillar luminaires

	Lamps	Base	EEC	A	B	C
31 570	1 lamp	100 W	E 27	A++-E	210	520 130
31 623	1 lamp	150 W	E 27	A++-E	250	710 150



Pole-top luminaire

	Lamps	Base	EEC	A	B	For pole heights	Top	Poles	
							Group		
84 032	1 lamp	100 W	E 27	A++-E	210	390	1700 - 2000	Ø 60	40





Wall luminaires · Pillar luminaires · Pendant luminaire · Pole-top luminaires

A series of luminaires comprising wall luminaires, pillar luminaires, pendant luminaire and pole-top luminaires.

These luminaires are made of copper, die cast brass and hand-blown crystal bubble glass. Crystal bubble glass is strikingly expressive. The glass is unique, created by our skilled glassmakers. Handcrafted luminaires which fascinate by their high-quality materials and timeless beauty.

Whether arranged as single luminaires, around buildings or as groups: They are stylish light elements for illuminating houses and gardens.

Wall luminaires, pillar luminaires and pole-top luminaires Protection class IP 44

Pendant luminaires Protection class IP 20

Copper, die cast brass and brass

Pillar luminaires with base plate made of cast bronze

Hand-blown crystal bubble glass

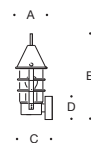
Wall luminaires and pillar luminaires are fixed to the mounting surface with a stainless steel mounting plate.


Pendant luminaire with chain pendant and canopy made of copper

In the table, we recommend poles made of copper with a base plate made of cast bronze, which match the design and statics of the pole-top luminaires in this series.

You can find the complete overview as well as the technical data of all luminaire poles, anchorage units and connection boxes on Pages 553 to 563.

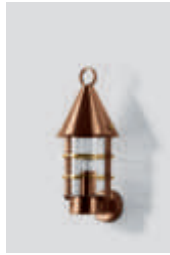
Other technical data can be found on our website in the product data sheet issued for the luminaire. You will find suitable BEGA LED lamps with screw base E 27 on Page 534.



 You can find LED lamps on Page 534.

Wall luminaires

	Lamps	Base	EEC	A	B	C	D
31 382	1 lamp	75 W	E 27	A ⁺⁺ -E	155	415	175 110
31 406	1 lamp	100 W	E 27	A ⁺⁺ -E	210	520	240 110



Wall luminaires




Pillar luminaires



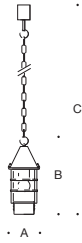
Pendant luminaire



 You can find LED lamps on Page 534.

Pillar luminaires

	Lamps	Base	EEC	A	B	C
31 667	1 lamp	75 W	E 27	A++-E	155	535 130
31 687	1 lamp	100 W	E 27	A++-E	215	665 150



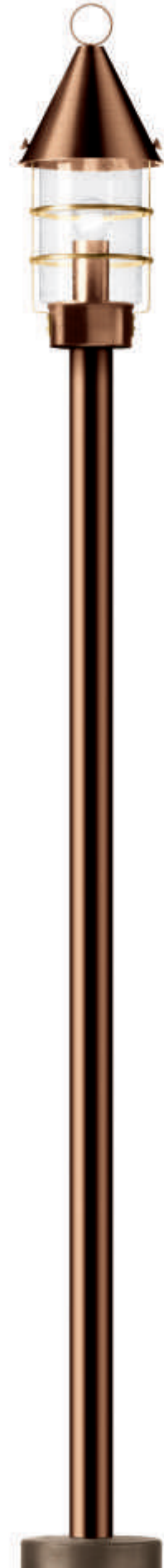
Pendant luminaire · Protection class IP 20

	Lamp	Base	EEC	A	B	C
31 070	1 lamp	60 W	E 27	A++-E	155	335 1600



Pole-top luminaires

	Lamps	Base	EEC	A	B	For pole heights	Poles		
							Top	Group	
84 033	1 lamp	75 W	E 27	A++-E	155	390	1700-2000	Ø60	40
84 034	1 lamp	100 W	E 27	A++-E	215	490	1700-2000	Ø60	40





Wall luminaires · Pole-top luminaires

Spherical luminaires, hand-blown opal glass held by a wall arm or luminaire poles made of cast bronze and copper. This combination of materials particularly enhances this classic luminaire shape.

Durable metals, full of character – impressive glass.

Classic wall luminaires, reminiscent of bygone epochs yet equipped with modern lighting technology. These luminaires are optionally available with LED or for lamps with screw base E 27.

Protection class IP 44

Cast bronze, copper and stainless steel · Hand-blown opal glass

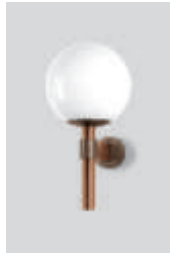
LED luminaires: On/Off power supply unit · BEGA Thermal Management®
20 years' availability guarantee for LED modules

In the table, we recommend poles made of copper with a base plate made of cast bronze, which match the design and statics of the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all luminaire poles, anchorage units and connection boxes on Pages 553 to 563.

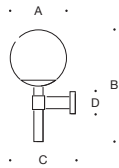
LED colour temperature: 3000K – article number + **K3**

The power information might 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®.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.



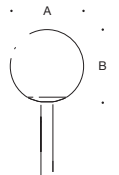
Wall luminaires



You can find
LED lamps on
Page 534.

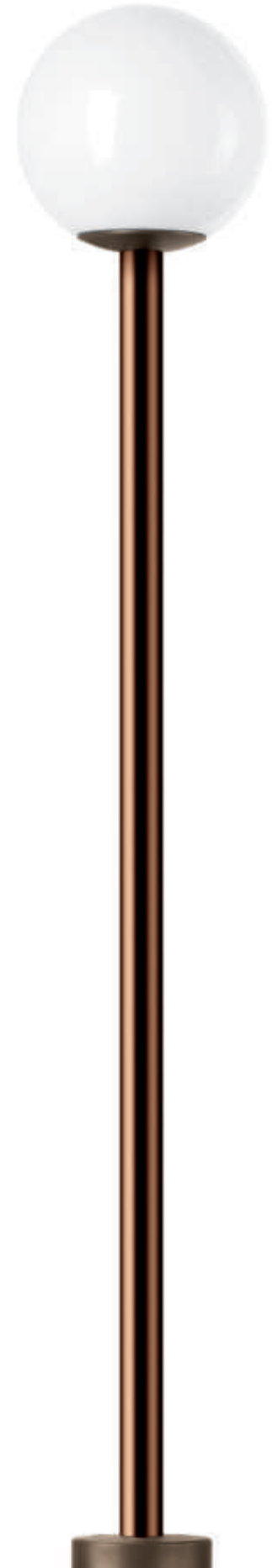
Wall luminaires

	LED	PSU	EEC	A	B	C	D	AC/DC	
31218	5.0 W	535 lm	On/Off	A++	250	535	310	130	✓
	Lamp	Base							
31212	1 lamp	60 W	E 27	A++-E	250	535	310	130	—



Pole-top luminaires

	LED	PSU	EEC	A	B	AC/DC	For pole heights	Top	Poles	
84035	14.3 W	1000 lm	On/Off	A++	350	350	✓	1700-2000	Ø 60	Group 40
	Lamps	Base								
84036	1 lamp	100 W	E 27	A++-E	350	350	—	1700-2000	Ø 60	40





LED wall luminaires · LED pillar luminaires · LED pole-top luminaires

Unshielded luminaires in various sizes for illuminating entrances, arcades and walkways.

Pillar luminaires and pole-top luminaires Protection class IP 65

Wall luminaires Protection class IP 44

BEGA Thermal Management®

Cast bronze, copper and brass · Hand-blown opal glass with thread

On/Off power supply unit

20 years' availability guarantee for LED modules

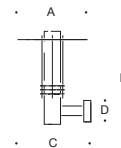
Wall luminaires and pillar luminaires are fixed to the mounting surface with a stainless steel mounting plate.

In the table, we recommend poles made of copper with a base plate made of cast bronze, which match the design and statics of the pole-top luminaires in this series.

You can find the complete overview as well as the technical data of all luminaire poles, anchorage units and connection boxes on Pages 553 to 563.

LED colour temperature: 3000K – article number + **K3**

The power information might 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®.

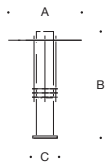


LED wall luminaires · Protection class IP 44

	LED	PSU	EEC	A	B	C	D	AC/DC	
31 086	4.0 W	300 lm	On/Off	A++	350	410	385	110	✓
31 087	16.0 W	1740 lm	On/Off	A++	450	645	500	150	✓

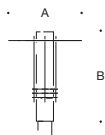


Pillar luminaires



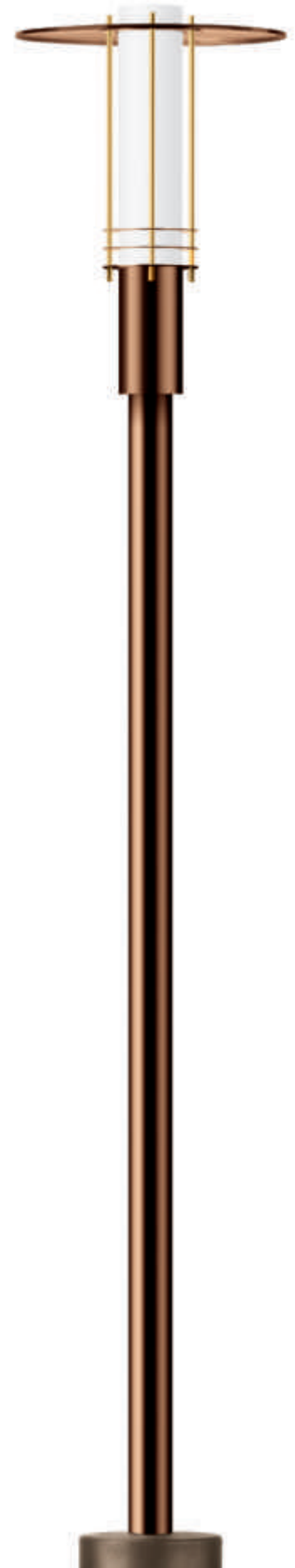
LED pillar luminaires

	LED		PSU	EEC	A	B	C	AC/DC
31 400	4.9 W	450 lm	On/Off	A++	350	470	135	✓
31 437	16.0 W	1740 lm	On/Off	A++	450	705	180	✓



LED pole-top luminaires

	LED		PSU	EEC	A	B	AC/DC	For pole heights		Poles	
								Top	Group		
84 037	4.9 W	450 lm	On/Off	A++	350	410	✓	1700-2000	Ø60	40	
84 038	16.0 W	1740 lm	On/Off	A++	450	645	✓	2000-2400	Ø80	40	





Wall mounting with BEGA corner block

“Copenhagen”

Wall luminaires · Pillar luminaires · Pole-top luminaires

Stylish luminaires which will impress you by their combination of materials, high-quality workmanship and modern lighting technology. Wall luminaires, pillar luminaires and pole-top luminaires in various sizes and light outputs, either with LED or for lamps with screw base E 27.

There are matching corner blocks for the installation of these wall luminaires on the corner of a house. You can find technical information on our website in the instructions for use for all luminaires.

Protection class IP 23 · 84 043 Protection class IP 65 · BEGA Thermal Management®
 Luminaire top made of copper · Fitting made of cast aluminium and aluminium · Hand-blown crystal glass
 LED luminaires: On/Off power supply unit
 20 years' availability guarantee for LED modules

In the table, we recommend luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

LED colour temperature: 3000K – article number + **K3**

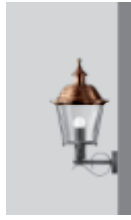
The power information might change during the validity period of the catalogue as a result of technical progress. You can find data sheets for all luminaires on our website. They contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on BEGA Thermal Management®.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

■ Luminaire colour graphite



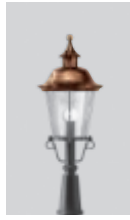
The LED luminaires in this series are available with an inside globe made of opal glass. The light from the LED is pleasantly and uniformly distributed by the opal glass.



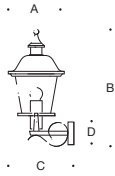
31 078
31 369




31 085



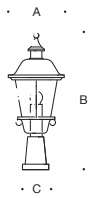
31 805 · 31 806
31 657



 You can find
LED lamps on
Page 534.

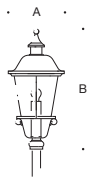
Wall luminaires

	LED	PSU	EEC	A	B	C	D	AC/DC	
31 078	5.0 W	405 lm	On/Off	A++	275	570	320	110	✓
31 085	14.3 W	800 lm	On/Off	A++	360	840	525	130	✓
	Lamp	Base							
31 369	1 lamp	100 W	E 27	A++-E	275	570	320	110	—



Pillar luminaires

	LED	PSU	EEC	A	B	C	AC/DC	
31 805	5.0 W	405 lm	On/Off	A++	275	670	130	✓
31 806	14.3 W	800 lm	On/Off	A++	360	1030	150	✓
	Lamp	Base						
31 657	1 lamp	100 W	E 27	A++-E	275	670	130	—



Pole-top luminaires

	LED	PSU	EEC	A	B	AC/DC	For pole heights	Top	Poles	
									Groups	
84 041	5.0 W	405 lm	On/Off	A++	275	500	✓	2000	Ø 60	11 · 31
84 042	14.3 W	800 lm	On/Off	A++	360	750	✓	2000-2500	Ø 60	31 · 34
84 043	21.0 W	1205 lm	On/Off	A+	510	1150	✓	3000-3500	Ø 76	14 · 34
	Lamps	Base								
84 044	1 lamp	100 W	E 27	A++-E	275	500	—	2000	Ø 60	11 · 31





»Schaffhausen«

LED wall luminaire · LED pole-top luminaires

Stylish LED luminaires with symmetrical or asymmetrical light distribution. Luminaires with tube bows for installation on walls or as pole-top luminaires.

We also supply pole-top luminaires of the "Schaffhausen" series without tube bows for central installation on a pole. Luminaires for lighting up streets and pedestrian zones in city centres, residential areas and parks.

Protection class IP 65 · BEGA Thermal Management®

Aluminium, cast aluminium and stainless steel · Clear synthetic cover

BEGA Ultimate Driver® · DALI controllable

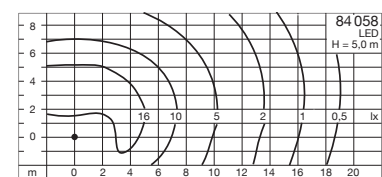
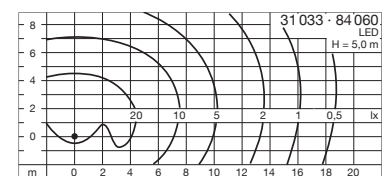
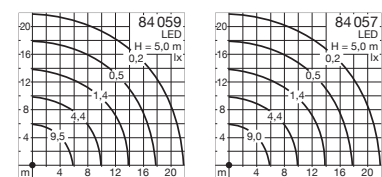
20 years' availability guarantee for LED modules

In the table, we recommend luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

LED colour temperature: 3000K – article number + **K3**

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■ Luminaire colour graphite

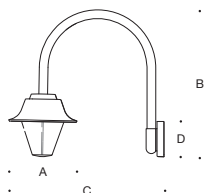




Wall luminaire

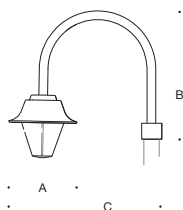


Pole-top luminaires



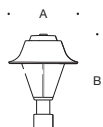
LED wall luminaire with tube bow

		LED	PSU	EEC	A	B	C	D	AC/DC	
31 033	Asymmetrical	39 W	4535 lm	DALI	A++	Ø330	710	760	Ø170	✓



LED pole-top luminaires with tube bow

		LED	PSU	EEC	A	B	C	AC/DC	For pole heights	Top	Poles		
											Groups		
84 059	Symmetrical	39 W	4380 lm	DALI	A++	Ø330	710	740	✓	3500-5000	Ø76	13 · 14	33 · 34
84 060	Asymmetrical	39 W	4535 lm	DALI	A++	Ø330	710	740	✓	3500-5000	Ø76	13 · 14	33 · 34



LED pole-top luminaires

		LED	PSU	EEC	A	B	AC/DC	For pole heights	Top	Poles		
										Groups		
84 057	Symmetrical	39 W	4165 lm	DALI	A++	Ø330	450	✓	3500-5000	Ø76	13 · 14	33 · 34
84 058	Asymmetrical	39 W	4275 lm	DALI	A++	Ø330	450	✓	3500-5000	Ø76	13 · 14	33 · 34



The LED luminaires in this series are available with an inside globe made of opal glass.
The light from the LED is pleasantly and uniformly distributed by the opal glass.

“Strasbourg”
Wall luminaires · Pillar luminaire · Pole-top luminaires

Stylish luminaires which impress by their high-quality materials and workmanship. Wall luminaires with various overhangs, pillar luminaires with wall arms as well as pole-top luminaires in various sizes. Pole-top luminaires are optionally available with LED or for lamps with screw base E 27.

Protection class IP 44 · 84 046 Protection class IP 65
BEGA Thermal Management®
Cast aluminium and stainless steel · Crystal bubble glass
31 430 with antique glass panes
LED luminaires: On/Off power supply unit
20 years' availability guarantee for LED modules

In the table, we recommend luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

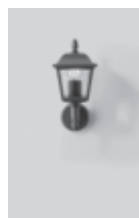
LED colour temperature: 3000 K – article number + **K3**

The power information might 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®. You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

■ Luminaire colour graphite



Wall luminaire
31 430




Wall luminaire
31 426

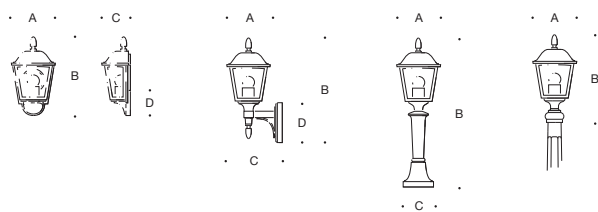


Wall luminaire
31 428



Pillar luminaire
31 552

 You can find
LED lamps on
Page 534.



Wall luminaire for near-wall installation

	Lamp	Base	EEC	A	B	C	D
31 430	1 lamp	60 W	E 27	A ⁺⁺ -E	215	375	140 110

Wall luminaires with wall arm

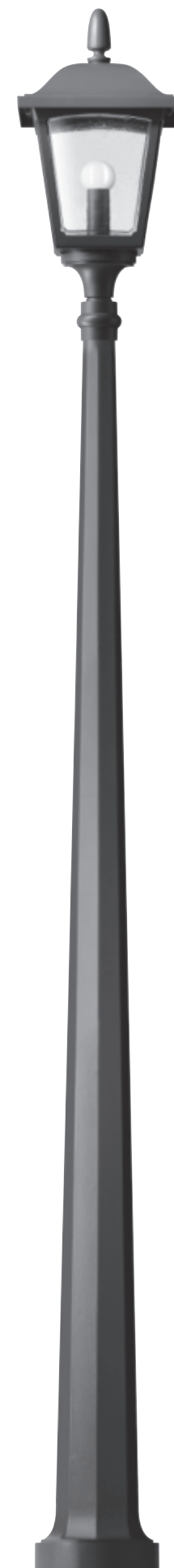
	Lamp	Base	EEC	A	B	C	D
31 426	1 lamp	60 W	E 27	A ⁺⁺ -E	170	360	230 110
31 428	1 lamp	100 W	E 27	A ⁺⁺ -E	215	515	275 110

Pillar luminaire

	Lamps	Base	EEC	A	B	C
31 552	1 lamp	100 W	E 27	A ⁺⁺ -E	215	730 150

Pole-top luminaires

	LED	PSU	EEC	A	B	AC/DC	For pole heights	Top	Poles	
	Lamps	Base							Group	
84 045	14.3 W	585 lm	On/Off	A ⁺⁺	260	555	✓	1600 - 2000	Ø 60	44
84 046	13.6 W	1005 lm	On/Off	A ⁺⁺	400	840	✓	2500 - 3000	Ø 76	44
84 047	1 lamp	100 W	E 27	A ⁺⁺ -E	215	430	—	1600 - 2000	Ø 60	44





“Bruges”

Wall luminaires · Pillar luminaire · Pole-top luminaires

Stylish luminaires which impress by their high-quality materials and workmanship. Wall luminaires with various overhangs and pillar luminaires as well as pole-top luminaires in various sizes.

Pole-top luminaires are optionally available with LED or for lamps with screw base E 27.

Protection class IP 44 · BEGA Thermal Management®

Aluminium, cast aluminium and stainless steel

31 415 · 31 559 · 84 050 crystal bubble glass

31 435 · 84 048 · 84 049 antique glass panes

LED luminaires: On/Off power supply unit

20 years' availability guarantee for LED modules

In the table, we recommend luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

LED colour temperature: 3000 K – article number + **K3**

The power information might 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®.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

■ Luminaire colour graphite



The LED luminaires in this series are available with an inside globe made of opal glass.

The light from the LED is pleasantly and uniformly distributed by the opal glass.

Fig. left: Also available with opal glass as custom-made product




Wall luminaire
31 435

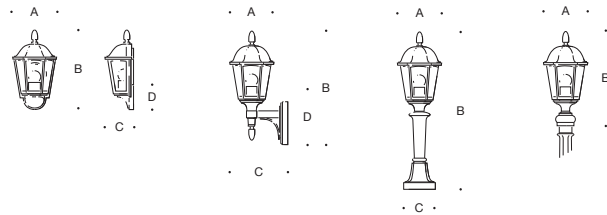


Wall luminaire
31 415



Pillar luminaire
31 559

 You can find
LED lamps on
Page 534.



Wall luminaire for near-wall installation

	Lamp	Base	EEC	A	B	C	D
31 435	1 lamp	60 W	E 27	A ⁺⁺ -E	215	375	130 110

Wall luminaire with wall arm

	Lamp	Base	EEC	A	B	C	D
31 415	1 lamp	100 W	E 27	A ⁺⁺ -E	210	540	270 110

Pillar luminaire

	Lamps	Base	EEC	A	B	C
31 559	1 lamp	100 W	E 27	A ⁺⁺ -E	210	750 150

Pole-top luminaires

	LED	PSU	EEC	A	B	AC/DC	For pole heights	Top	Poles	
84 048	14.3 W	565 lm	On/Off	A ⁺⁺	280	585	✓	1600-2000	Ø60	44 · 48
84 049	13.6 W	805 lm	On/Off	A ⁺⁺	430	895	✓	2500-3500	Ø76	44 · 48
	Lamps	Base		A	B					
84 050	1 lamp	100 W	E 27	A ⁺⁺ -E	210	445	—	1600-2000	Ø60	44 · 48





Also available with opal glass as custom-made product

“Rome”

Wall luminaires · Pillar luminaires · LED pole-top luminaires

Stylish luminaires which impress by their high-quality materials and workmanship and their modern lighting technology. Wall luminaires and pillar luminaires optionally with LED or for lamps with screw base E 27.

Protection class IP 23 · 31 431 · 31 553 · 84 052 Protection class IP 44
BEGA Thermal Management®

Aluminium, cast aluminium and stainless steel

31 431 · 31 553 antique glass

31 025 · 31 026 · 84 051 antique glass panes

84 052 antique safety glass (TSG)

LED luminaires: On/Off power supply unit

20 years' availability guarantee for LED modules

In the table, we recommend luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

LED colour temperature: 3000K – article number + **K3**

The power information might 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®. You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

■ Luminaire colour graphite



The LED luminaires in this series are available with an inside globe made of opal glass. The light from the LED is pleasantly and uniformly distributed by the opal glass.






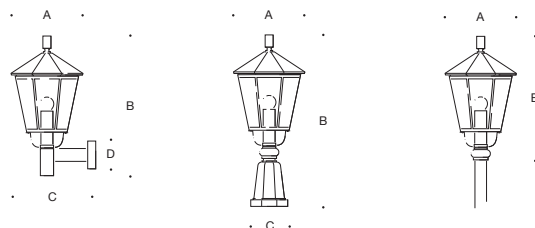
31 431

31 025

31 553

31 025

 You can find
LED lamps on
Page 534.



Wall luminaires

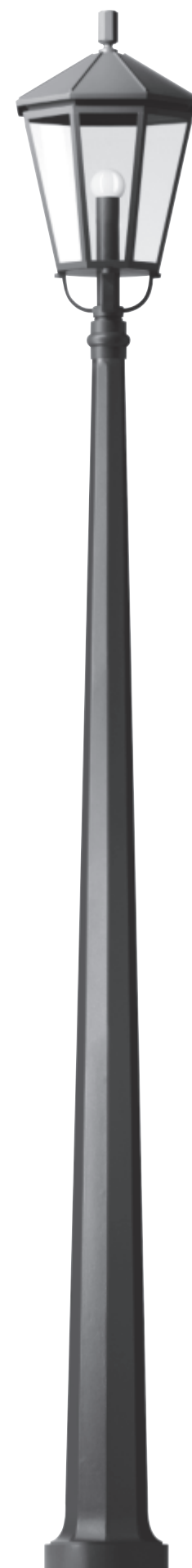
	LED	PSU	EEC	A	B	C	D	AC/DC	
31 025	14.3 W	610 lm	On/Off	A++	340	670	400	130	✓
	Lamp	Base							
31 431	1 lamp	100 W	E 27	A++-E	210	390	260	110	—

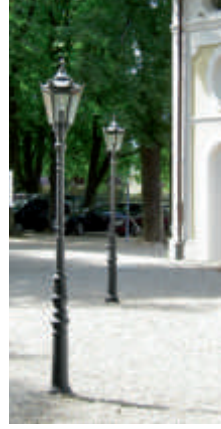
Pillar luminaires

	LED	PSU	EEC	A	B	C	AC/DC	
31 026	14.3 W	610 lm	On/Off	A++	340	830	180	✓
	Lamp	Base		A	B	C		
31 553	1 lamp	100 W	E 27	A++-E	210	510	130	—

Pole-top luminaires

	LED	PSU	EEC	A	B	AC/DC	For pole heights	Top	Poles	
84 051	14.3 W	610 lm	On/Off	A++	340	600	✓	1600 - 2000	Ø 60	44 · 48
84 052	13.6 W	930 lm	On/Off	A++	470	900	✓	2500 - 3500	Ø 76	44 · 48





“Berlin”

Wall luminaires · Pillar luminaires · Pole-top luminaires

Stylish luminaires which impress by their high-quality materials and workmanship and their modern lighting technology. Wall luminaires, pillar luminaires and pole-top luminaires optionally with LED or for lamps with screw base E 27.

Protection class IP 23

31 029 · 31 032 · 84 055 Protection class IP 44

BEGA Thermal Management®

Aluminium, cast aluminium and stainless steel · Antique glass panes

LED luminaires: On/Off power supply unit

20-year availability guarantee for LED modules

In the table, we recommend luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all BEGA luminaire poles, connection boxes and anchorage units on Pages 553 to 563.

LED colour temperature: 3000 K – article number + **K3**

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®.

You will find suitable BEGA LED lamps with screw base E 27 on Page 534.

■ Luminaire colour graphite



The LED luminaires in this series are available with an inside globe made of opal glass.

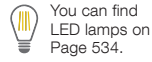
The light from the LED is pleasantly and uniformly distributed by the opal glass.



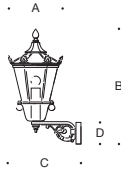
Wall luminaires



Pillar luminaires



You can find
LED lamps on
Page 534.



Wall luminaires

	LED	PSU	EEC	A	B	C	D	AC/DC	
31 027	5.0 W	355 lm	On/Off	A++	260	565	320	110	✓
31 028	14.3 W	695 lm	On/Off	A++	365	800	480	150	✓
31 029	13.6 W	980 lm	On/Off	A++	525	1250	710	190	✓
	Lamp	Base							
31 410	1 lamp	100 W	E 27	A++-E	260	565	320	110	—

Pillar luminaires

	LED	PSU	EEC	A	B	C	AC/DC	
31 030	5.0 W	355 lm	On/Off	A++	260	640	130	✓
31 031	14.3 W	695 lm	On/Off	A++	365	950	150	✓
31 032	13.6 W	980 lm	On/Off	A++	525	1400	200	✓
	Lamp	Base						
31 688	1 lamp	100 W	E 27	A++-E	260	640	130	—

Pole-top luminaires

	LED	PSU	EEC	A	B	AC/DC	For pole heights	Top	Groups	
84 053	5.0 W	355 lm	On/Off	A++	260	510	✓	1400 - 2000	Ø60	41 · 49
84 054	14.3 W	695 lm	On/Off	A++	365	710	✓	2000	Ø60	49
84 055	13.6 W	980 lm	On/Off	A++	525	1070	✓	3000 - 3500	Ø76	49
	Lamps	Base								
84 056	1 lamp	100 W	E 27	A++-E	260	510	—	1400 - 2000	Ø60	41 · 49





BEGA accessories

On the following pages you will find suitable accessories and useful installation aids for operating, connecting and installing our luminaires.

All components are specially designed to match our luminaires and take account of many different installation situations. They allow technically perfect installation in ceilings, walls and floors, as well as mounting on foundations provided by the customer or for special requirements.

The power supply units, plug connectors, transformers and overvoltage protection units are the ideal accessories for operating our luminaires.



BEGA LED lamps for screw base E 14 or E 27

Some of our luminaires are equipped with a conventional E 14 or E 27 lamp base. We offer you a selection of long-life, energy-saving LED lamps in switchable or dimmable versions for these luminaires.

LED lamps consume significantly less energy than conventional lamps, have a considerably longer life and incur significantly lower operating costs.

In addition, there is no delay when they are switched on, and they are able to withstand frequent switching on and off. BEGA LED lamps provide an impressive minimum service life of 15000 hours and are available with a light colour of 2700 Kelvin.

Our LED lamps are also available in radio-controlled versions.

Thanks to the Zigbee standard used, these LED lamps can be effortlessly integrated into a smart home system or Zigbee-controlled building management system and are optionally available in a tunable white or RGBW version.

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.



LED lamps for screw base E 14

	LED		Dimmable	Colour temperature	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 x	+40 to -20°C	A++	35 98
13 553	5.0 W	470 lm	Clear	Yes	2700K	>80	15 000 h	> 100 000 x	+40 to -20°C	A+	35 120
13 552	4.0 W	470 lm	Matt	No	2700K	>80	15 000 h	> 100 000 x	+40 to -20°C	A++	35 98
13 554	5.0 W	470 lm	Matt	Yes	2700K	>80	15 000 h	> 100 000 x	+40 to -20°C	A+	35 120

LED lamps for screw base E 14 · Zigbee

	LED		Controllable	Colour temperature	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 x	+40 to -20°C	A+	38 110
13 559	5.8 W	470 lm	Matt	Yes · Tunable white	2700 - 6500K	>80	25 000 h	>30 000 x	+40 to -20°C	A+	38 110



LED lamps for screw base E 27

	LED		Dimmable		Colour temperature	CRI	Service life	On/Off	Ambient temperature	EEC	A	B
13 509	7.0 W	805 lm	Clear	No	2700K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	60	105
13 511	8.0 W	1055 lm	Clear	No	2700K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	67	118
13 562	12.0 W	1520 lm	Clear	No	2700K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	70	125
13 547	7.0 W	805 lm	Clear	Yes	2700K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	60	105
13 563	12.0 W	1520 lm	Clear	Yes	2700K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	70	125
13 510	7.0 W	805 lm	Matt	No	2700K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	60	105
13 512	8.0 W	1055 lm	Matt	No	2700K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	67	118
13 564	12.0 W	1400 lm	Matt	No	2700K	>80	15 000 h	>100 000 x	+40 to -20°C	A+	70	125
13 548	7.0 W	805 lm	Matt	Yes	2700K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	60	105
13 565	12.0 W	1400 lm	Matt	Yes	2700K	>80	15 000 h	>100 000 x	+40 to -20°C	A+	70	125

LED lamps for screw base E 27 · Zigbee

	LED		Controllable		Colour temperature	CRI	Service life	On/Off	Ambient temperature	EEC	A	B
13 555	9.0 W	805 lm	Matt	Yes	2700K	>80	25 000 h	>30 000 x	+40 to -20°C	A+	60	120
13 556	9.0 W	805 lm	Matt	Yes · Tunable white	2700-6500K	>80	25 000 h	>30 000 x	+40 to -20°C	A+	60	120
13 557	9.5 W	805 lm	Matt	Yes · Tunable white · RGBW	2700-6500K	>80	25 000 h	>30 000 x	+40 to -20°C	A+	60	120



BEGA power supply units for LED luminaires

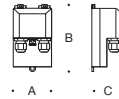
Some LED luminaires in our range are supplied without a power supply unit. Here you can find the appropriate power supply units as accessories. On Page 536 you will find On/Off and DALI power supply units that correspond to specific recessed luminaires. On Page 537 you will find external power supply units to which multiple LED luminaires can be connected. Please note the maximum output of the power supply unit here.

You can find the complete technical data for the power supply units in the instructions for use on our website. The installation and operation of these power supply units are subject to national safety regulations.



On/Off PSUs for LED compact downlights from Pages 26 to 31.

Input voltage: 220 - 240 V 0/50 - 60 Hz
 Protection class IP 65
 Housing made of glass fibre reinforced synthetic material and stainless steel
 13 573 Cast aluminium
 Installation of luminaire and power supply unit in one installation housing possible.

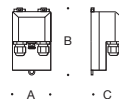


		Current	Output	A	B	C
13 191	PSU · On/Off	350 mA	3.5 - 15.4 W	76	134	73
13 192	PSU · On/Off	500 mA	10.0 - 22.5 W	76	134	73
13 193	PSU · On/Off	700 mA	10.5 - 35.0 W	76	134	73
13 572	PSU · On/Off	1050 mA	16.0 - 40.0 W	76	134	73
13 573	PSU · On/Off	1600 mA	32.0 - 86.4 W	146	245	90



DALI PSUs for LED compact downlights from Pages 26 to 31

Input voltage: 220 - 240 V 0/50 - 60 Hz
 Protection class IP 65
 Housing made of glass fibre reinforced synthetic material and stainless steel
 13 574 Cast aluminium
 Installation of luminaire and power supply unit in one installation housing possible.



		Current	Output	A	B	C
10 520	PSU · DALI	350 mA	3.2 - 16.8 W	76	134	73
10 528	PSU · DALI	500 mA	4.5 - 24.0 W	76	134	73
10 530	PSU · DALI	700 mA	15.0 - 37.0 W	76	134	73
10 554	PSU · DALI	1050 mA	16.0 - 34.5 W	76	134	73
13 574	PSU · DALI	1600 mA	32.0 - 86.4 W	146	245	90



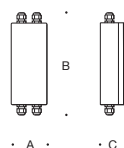
Electronic power supply unit · 24 V DC · 42 W

Input voltage: AC: 110 - 264 V ~ 50 - 60 Hz
DC: 170 - 280 V

Output voltage: 24 V DC

Protection class IP 65

Cast aluminium, aluminium and stainless steel



		Output			
		A	B	C	
70 114	PSU 24 V DC	0 - 42 W	105	240	70



Magnetic power supply units · 24 V DC · 15 to 35 W

Safety transformers

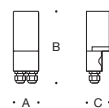
in accordance with EN 61558/VDE 0570 Parts 2 - 6

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			
		A	B	C	
70 564	PSU 24 V DC	0 - 15 W	55	215	50
70 465	PSU 24 V DC	0 - 25 W	55	215	50
70 565	PSU 24 V DC	0 - 35 W	55	215	50



Magnetic power supply units · 24 V DC · 50 to 150 W

Safety transformers

in accordance with EN 61558/VDE 0570 Parts 2 - 6

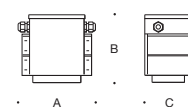
Input voltage: 230 V ~ 50 - 60 Hz

Output voltage: 24 V DC

Protection class IP 65

Safety class II

Version encapsulated in cast resin



		Output			
		A	B	C	
70 566	PSU 24 V DC	0 - 50 W	155	130	90
70 567	PSU 24 V DC	0 - 75 W	155	130	90
70 169	PSU 24 V DC	0 - 150 W	185	175	110



DALI system components

Simple and convenient light control is the primary focus for these components. BEGA DALI system components are based on the EN 62386 standard and are compatible with commercially available DALI products. Outdoor luminaires close to the building can also be controlled with DALI. You can find the complete technical data for all DALI system components in the data sheets on our website.

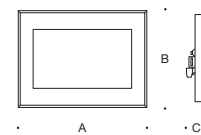


DALI display

7-inch DALI display for configuring and controlling two DALI lines and 99 sequences. Suitable for daily and weekly schedules, DALI colour light control of LED, tunable white and RGB W luminaires (DT6, DT8, RGBWAF) and for controlling tunable white luminaires according to the time of day. With USB and Ethernet port. A separate DALI power supply is required for each line.

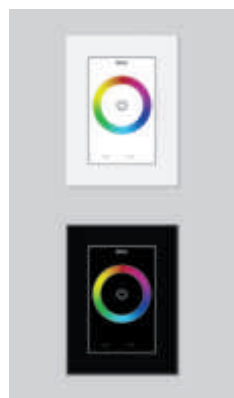
A DIN rail power supply unit is included in the scope of delivery.

For flush installation



A	B	C
200	150	33

- 71 026** DALI 7-inch display for flush installation
- 71 016** Installation frames for DALI Display 71 026

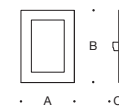


DALI touch panels

A multifunctional user terminal with a replaceable user interface for controlling luminaires with a DALI interface. For manual control of LED, tunable white and RGB W luminaires (DT6, DT8, RGBWAF).

The DALI Cockpit software can be downloaded from our website for configuration purposes.

For wall mounting



A	B	C
83	112	17
83	112	17

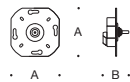
- 71 027** DALI touch panel · White
- 71 057** DALI touch panel · Black



DALI rotary dimmer

DALI rotary dimmer for controlling LED luminaires. For adjusting the brightness of DALI luminaires and switching them on and off, for controlling tunable white luminaires (DT8) or RGB luminaires (DT8). The control unit fits in standard commercially available flush-mounted boxes and can be used in conjunction with most switch programs.

For installation in switching and cavity boxes



		A	B
71 129	Rotary dimmer	70	38
71 130	Rotary dimmer tunable white	70	38
71 131	Rotary dimmer RGB	70	38



DALI cross switch

Four pushbuttons for user-assignable functions. Groups, lighting scenarios or staircase control can be assigned via software. Also for manual control of LED and tunable white luminaires (DT6, DT8).

The DALI Cockpit software can be downloaded from our website for configuration purposes.

For installation in switching and cavity boxes



		A	B	C
71 025	Cross switch · Colour white	80	80	17
71 056	Cross switch · Colour black	80	80	17

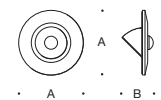


DALI sensors

DALI sensors for detecting the movements of persons, brightness values and temperatures. For controlling LED luminaires (DT6)

The DALI Cockpit configuration software is available on our website.

For flush installation



		A	B
71 028	PIR motion and light sensor	100	40
71 029	Light sensor	100	40



DALI USB interface

For connecting the DALI line to a PC.
The DALI Cockpit configuration software is available on our website.

For DIN rail mounting



A	B	C
18	98	57

71 054 DALI USB interface



DALI power supply

For supplying DALI operating devices on a DALI line.

For DIN rail mounting



A	B	C
18	98	56

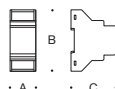
70 866 DALI power supply 250 mA



DALI repeater

For extending the DALI bus. The DALI cable can thus be extended from 300 m to up to 600 m. The repeater electrically isolates the bus devices (DS = DALI-SELV).
For max. 64 bus devices on the entire DALI line. A separate 24 V DC power supply unit is required for power supply.

For DIN rail mounting



A	B	C
38	92	67

71 038 DALI repeater

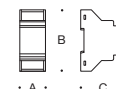


Bluetooth DALI gateway

For the commissioning and power supply of DALI operating devices and control components in a DALI line with max. 64 devices.

The configuration and parameterisation of the components is carried out conveniently in the BEGA Tool app.

For DIN rail mounting



A	B	C
38	92	67

71 075 Bluetooth DALI gateway



DALI switch actuator

For controlling a relay contact through the DALI bus. The module is designed for a max. rated load of 2000 W and 1000 VA.

The DALI Cockpit configuration software is available on our website.

For DIN rail mounting



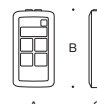
A	B	C
18	98	57

71 116 DALI switch actuator



DALI programmer

DALI programmer for the configuration of DALI devices. Four buttons can be programmed with DALI parameters. The configuration and parameterisation of the components is carried out conveniently in the BEGA Tool app.



A	B	C
70	120	25

71 153 DALI programmer



IPAS KNX-DALI gateway

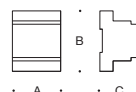
IPAS KNX/DALI gateway for integrating up to 64 luminaires with DALI operating devices in a KNX system. Configuration of 16 DALI groups, 16 DALI lighting scenarios and 16 sequences by means of an application program in the ETS software.

DALI colour light control of tunable white and RGBW luminaires (DT8, RGBWAF, xy) can also be implemented in this way.

A KNX learn button for switching from normal mode to addressing mode, and three other buttons for device setting and configuration can be found on the front panel.

Also suitable for operating single emergency lighting battery luminaires with DALI control in accordance with DIN EN 62 386-202.

For DIN rail mounting



A	B	C
70	86	58

71 065 IPAS KNX-DALI gateway



BEGA Tool

With the BEGA Tool app, you can easily control and configure DALI luminaires with a smartphone through a 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.

More information can be found on our website.



DALI USB interface

For connecting the DALI line to a PC.
The DALI Cockpit configuration software is available on our website.

For installation in switching and cavity boxes



A B C

71 024 DALI USB interface 33 60 15



DALI pushbutton module

For four potential-free switches/pushbuttons with user-assignable function. Max. 4 switches/100 k Ω potentiometer.
The DALI Cockpit configuration software is available on our website.

For installation in switching and cavity boxes



A B C

71 030 DALI pushbutton module 28 40 15



DALI sequencer module

For storing four independent sequences.
The DALI Cockpit configuration software is available on our website.

For installation in switching and cavity boxes



A B C

71 060 DALI sequencer module 28 40 15



DALI timer

For timer functions with up to 14 entries for calling up lighting scenarios for LED, tunable white and RGBW luminaires (DT6, DT8, RGBWAF, xy).
The DALI Cockpit configuration software is available on our website.

For installation in switching and cavity boxes



A B C

71 043 DALI timer 33 60 15



DALI power supply

For supplying DALI operating devices on a DALI line.

For installation in switching and cavity boxes



A B C

71 094 DALI power supply 30mA 33 60 15



DALI switch module

For four 230V switches/pushbuttons with user-assignable function.
The DALI Cockpit configuration software is available on our website.

For installation in switching and cavity boxes



A B C

71 058 DALI switch module 33 60 15



DALI daylight module

For controlling tunable white luminaires according to the time of day.
The DALI Cockpit configuration software is available on our website.

For installation in switching and cavity boxes



A B C

71 059 DALI daylight module 33 60 15



DALI switch actuator

For controlling a relay contact via the DALI bus.
The module is designed for a max. rated load of 1000 W and 500 VA.
The DALI Cockpit configuration software is available on our website.

For installation in switching and cavity boxes



A B C

71 117 DALI switch actuator 33 60 15



DALI power reducer

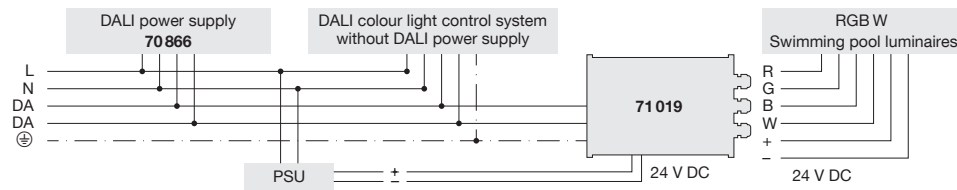
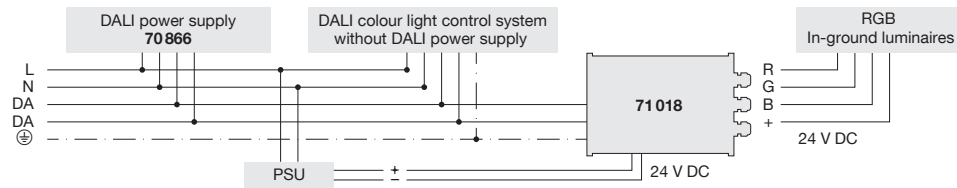
Control unit for automatic power reduction/night-time brightness reduction with integrated DALI power supply for up to nine standard DALI loads

For installation in switching and cavity boxes



A B C

71 150 DALI power reducer 33 60 15



DALI operating devices

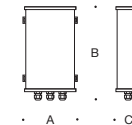
DALI operating devices for

- RGB recessed luminaires 24 V DC for max. 15 luminaires 33 291 · 88 897 or 6 luminaires 33 292 · 88 898 or 2 luminaires 33 293 · 88 899
- RGBW swimming pool luminaires 24 V DC for max. 5 luminaires 99 815

Protection class IP 65 · Safety class I · Cast aluminium, aluminium and stainless steel

Additive colour mixing can be effected using any commercially available DALI colour light control system. If no internal DALI power supply is available in the DALI colour light control, DALI power supply 70 866 can be used.

A separate power supply unit is required for operation.
For technical data on power supply units, see Page 537.



- | | |
|---------------|---|
| 71 018 | For RGB recessed luminaires 24 V DC |
| 71 019 | For RGBW swimming pool luminaires 24 V DC |

A	B	C
215	310	65
215	310	65



DALI repeater in an IP 65 housing

For DALI bus extension.

The DALI cable can thus be extended from 300m to up to 600m.

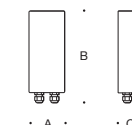
The repeater electrically isolates the bus devices (DS = DALI-SELV).

For max. 64 bus devices on the entire DALI line.

Protection class IP 65 · Safety class I

Cast aluminium, aluminium and stainless steel

Integrated 24 V DC power supply unit



- | | |
|---------------|--------------------------|
| 71 063 | DALI repeater in housing |
|---------------|--------------------------|

A	B	C
105	240	68



BEGA overvoltage protection and inrush current limiter

Overvoltage poses an increased risk for LED luminaires. Overvoltage damage can result in partial or complete failure of the LED modules, loss of brightness or failure of the control system. Overvoltage events have a negative impact on the service life of LED luminaires even if they remain operational.

To protect your LED lighting system, we recommend the use of overvoltage protection components and inrush current limiters for various applications.



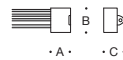
Overvoltage protection

For installation in luminaires or connection boxes

CITEL overvoltage protection (in accordance with EN 61643-11)

for the protection of single-phase end devices.
Medium and fine protection

For installation in luminaires or connection boxes



A B C

71 045 Overvoltage protection

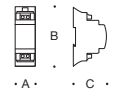
30 37 30



Inrush current limiter for DIN rail mounting

Limits the starting current of electronic ballasts and LED drivers to 33.9A for 300ms, an acceptable value for circuit protection.

For DIN rail mounting



A B C

71 039 Inrush current limiter

37 110 62



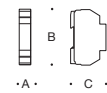
Overvoltage protection

For single-phase end devices (On/Off power supply unit)

CITEL overvoltage protection (in accordance with EN 61643-11)

for the protection of single-phase end devices (On/Off power supply unit).
Medium and fine protection

For DIN rail mounting



A B C

71 048 Overvoltage protection

18 90 58



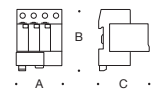
Overvoltage protection

For 3-phase end devices (On/Off power supply unit)

CITEL overvoltage protection (in accordance with EN 61643-11)

for the protection of 3-phase end devices for application in TT and TNS low voltage networks.
Coarse, medium and fine protection

For DIN rail mounting



A B C

71 049 Overvoltage protection

72 100 80



Overvoltage protection

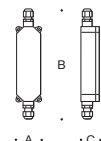
For single-phase end devices (On/Off power supply unit)

CITEL overvoltage protection (in accordance with EN 61643-11)

for the protection of single-phase end devices (On/Off power supply unit).

For installation in luminaire poles, bollards and suspended ceilings, as well as all types of installation outside luminaires or luminaire groups.
Medium and fine protection

Housing made of glass fibre reinforced synthetic material



A B C

71 046 Overvoltage protection

55 250 45



Overvoltage protection

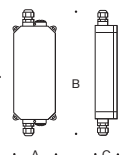
For LED luminaires with 1-10V or DALI interfaces

CITEL overvoltage protection (in accordance with EN 61643-11)

for the protection of LED luminaires with 1-10V or DALI interface.

For installation in luminaire poles, bollards and suspended ceilings, as well as all types of installation outside luminaires or luminaire groups.
Medium and fine protection

Housing made of glass fibre reinforced synthetic material



A B C

71 047 Overvoltage protection

90 270 45



Accessories for BEGA floodlights with G ½ 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 G ½ threaded connection · ISO 228.

When combined with the accessories on Page 554, the LED compact floodlights on Pages 212 and 213 are supplied factory-assembled and ready for connection. You can find further technical data in the data sheets and instructions for use on our website.

Colour graphite, white or silver

■ Graphite – article number

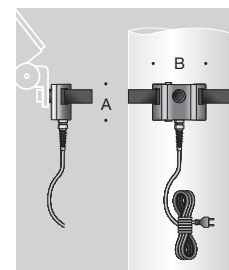
□ White – article number + W

■ Silver – article number + A

Earth spike 70 204: Colour graphite · Wood screw 70 252: Stainless steel

Adapter with lashing strap 70 889: Adapter available in graphite or silver

Pole adapter 71 042: available in graphite or silver



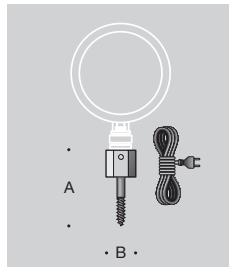
Adapter with lashing strap

G ½

For the portable installation of floodlights with G ½ threaded connection · ISO 228 on trees, poles or columns.

Cast aluminium · Black polyester lashing strap
Clamping area Ø 150 - 600 mm
10 m connecting cable with safety plug

	A	B
70 889	90	120



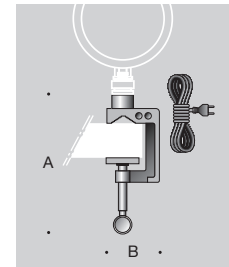
Wood screw

G ½

For the permanent installation of floodlights with G ½ threaded connection · ISO 228 on on-site wooden constructions or trees.

Stainless steel · Partial thread for wood or dowels
Screw-in depth 30 mm
5 m connecting cable with safety plug

	A	B
70 252	80	27



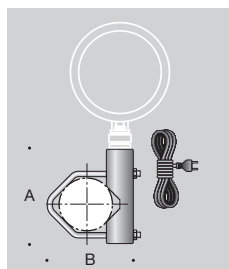
Screw clamp

G ½

For the portable installation of floodlights with G ½ threaded connection · ISO 228 on on-site constructions.

Cast aluminium and glass fibre reinforced synthetic material
Clamping range 1 - 55 mm
5 m connecting cable with safety plug

	A	B
70 283	200	80



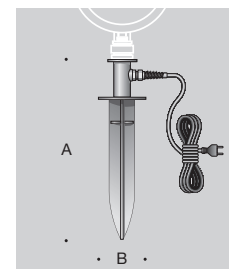
Tube clamp

G ½

For the permanent installation of floodlights with G ½ threaded connection · ISO 228 on trees or on-site wooden constructions.

Cast aluminium and stainless steel
Clamping range 30 - 80 mm
5 m connecting cable with safety plug

	A	B
70 280	140	140



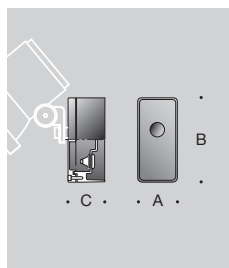
Earth spike

G ½

For the portable installation of floodlights with G ½ threaded connection · ISO 228 in soil.

Glass fibre reinforced synthetic material
Insert depth 250 mm
5 m connecting cable with safety plug

	A	B
70 204	390	100

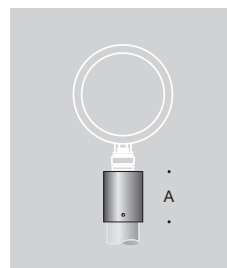


Mounting box - Rectangular G ½

For the permanent installation of floodlights with G ½ threaded connection · ISO 228 on columns, walls or ceilings.

Protection class IP 65 · Cast aluminium and stainless steel
2 cable entries · Connection terminal 2.5[□]

		A	B	C
70 245	Rectangular	60	125	55

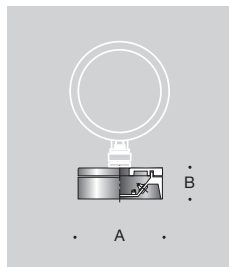


Pole caps for poles G ½

For the permanent installation of floodlights with G ½ threaded connection · ISO 228 on poles.

Cast aluminium and stainless steel

	Pole top	Insert depth	A
70 214	Ø 48	50	60
70 248	Ø 60	80	90
70 249	Ø 76	95	105
70 229	Ø 82	100	110

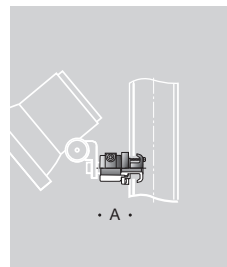


Mounting boxes - Round G ½

For the permanent installation of floodlights with G ½ threaded connection · ISO 228 on columns, walls or ceilings.

Protection class IP 65 · Cast aluminium and stainless steel
2 cable entries · Connection terminal 2.5[□]

		A	B
70 217	Round	Ø 110	45
70 294	Round	Ø 130	50
70 284	Round	Ø 150	55

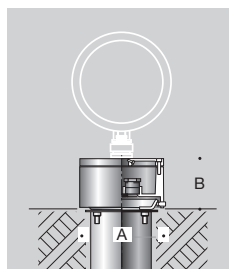


Pole adapter G ½

For the permanent installation of floodlights with G ½ threaded connection · ISO 228 on poles.

Cast aluminium, cast stainless steel and stainless steel
recessed opening 30 mm

	A
71 042	40

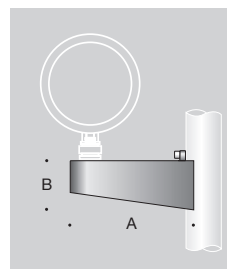


Mounting box - For foundations or anch. units G ½

For the permanent installation of floodlights with G ½ threaded connection · ISO 228 on a foundation or anchorage unit* 70 894.

Protection class IP 65 · Cast aluminium and stainless steel
2 screw cable glands for connecting cable Ø 9-15 mm
Connection terminal 4[□]

		A	B
70 221		Ø 130	80
70 894	Anchorage unit* for 70 221		



Cross beams for poles G ½

For the permanent installation of floodlights with G ½ threaded connection · ISO 228 on poles Ø ≥ 60 mm or wall surfaces.

Cast aluminium, aluminium and stainless steel
connection terminal 2.5[□]

	A	B
70 379	190	80

* Anchorage units are optional accessories and must be ordered separately. For technical data on anchorage units, see Page 553.



Accessories for BEGA LED high-performance floodlights

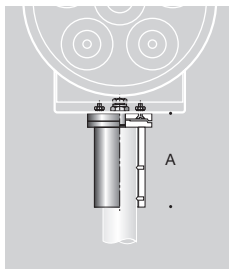
With mounting bracket with a central hole \varnothing 22 mm
and 2 holes \varnothing 9 mm · Distance apart 80 mm

There are a large number of different installation situations for floodlights. Here you will find accessories for the permanent operation of BEGA LED high-performance floodlights with mounting brackets on catalogue Pages 220 to 223 and 232, which can be bolted in individually.

Please observe the technical information for each accessory in the data sheets and the instructions for use on our website.

Colour graphite or silver

■ Graphite – article number · ■ Silver – article number + A

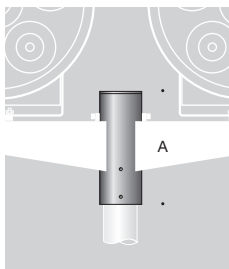


Pole caps for poles

For the permanent installation of floodlights on poles.

Cast aluminium and stainless steel
1 screw cable gland

	Pole top	Insert depth	A
70 341	\varnothing 60	150	175
70 342	\varnothing 76	150	175
70 343	\varnothing 89	150	175

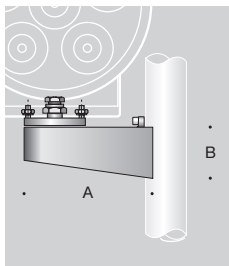


Pole caps for cross beams

For the permanent installation of 1 or 2 cross beams 70 391 on poles.

Cast aluminium and stainless steel

	Pole top	Insert depth	A
70 386	\varnothing 60	120	320
70 387	\varnothing 76	120	340
70 388	\varnothing 89	120	340

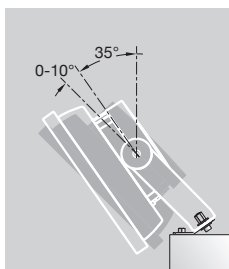


Cross beams for poles

For the permanent installation of floodlights on poles $\varnothing \geq 76$ mm, pole caps 70 386 · 70 387 · 70 388 or wall surfaces.

Protection class IP 44 · Cast aluminium, aluminium and stainless steel
Connection terminals 2.5[□] · 1 screw cable gland

	A	B
70 391	380	165

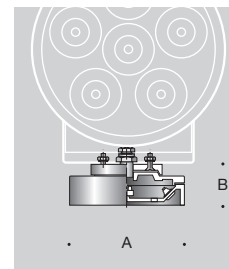


Floodlight attachment

For the permanent installation of floodlights on building edges or projections. Floodlight attachment to extend the swivel range by 35°.

Stainless steel

	A
71 071	240

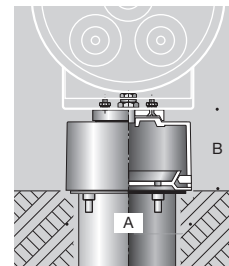


Mounting box

For the permanent installation of floodlights on columns, walls or ceilings.

Protection class IP 55 · Cast aluminium and stainless steel
2 cable entries · Connection terminals 5 x 4[□]

	A	B
70 348	\varnothing 180	80

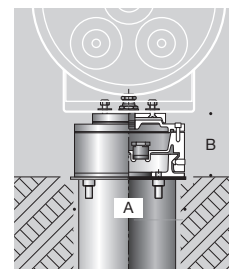


Mounting base to hold a junction box

For the permanent installation of floodlights on columns, walls, foundations or anchorage units* 70 895.

Cast aluminium and stainless steel
Mounting plate made of galvanised steel

	A	B
70 208	\varnothing 200	120
70 895	Anchorage unit* for 70 208	



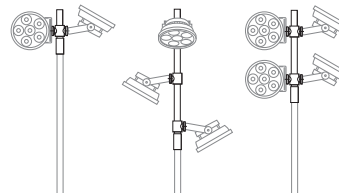
Mounting box for foundations or anchorage units

For the permanent installation of floodlights on foundations or anchorage units* 70 895 or 70 896.

Protection class IP 65 · Cast aluminium and stainless steel
2 screw cable glands for connecting cable \varnothing 9-15 mm
Connection terminal 4[□]

	A	B
70 225	\varnothing 180	110
70 895 · 70 896	Anchorage units* for 70 225	

* Anchorage units are optional accessories and must be ordered separately. For technical data on anchorage units, see Page 553.



Pole tops for BEGA LED high-performance floodlights

For the multiple configuration of BEGA LED high-performance floodlights on Pages 220 to 223 and 232 on a BEGA steel luminaire pole from Group 62 or 72.

For technical data on poles, see Page 562.

Ready-to-install pole tops for 2, 3 or 4 floodlights.

For structural reasons, shields must not be used.

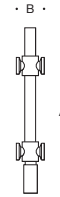
For suitable connection boxes, see Page 555.

All technical data are given in the instructions for use for these pole tops.

Cast aluminium, aluminium and stainless steel

Colour graphite or silver

■ Graphite – article number · ■ Silver – article number + A



	Pole top	Insert depth	A	B
70762	Pole top for 2 floodlights	Ø76	150	565 195
70763	Pole top for 3 floodlights	Ø76	150	1765 195
70764	Pole top for 4 floodlights	Ø76	150	1165 195



Cross beams for BEGA LED high-performance floodlights

For the multiple configuration of BEGA LED high-performance floodlights on Pages 220 to 223 and 232.

Cross beams can be mounted on wall surfaces, supporting structures and under ceilings. When mounting on ground surfaces, they can optionally be mounted on a foundation or on two anchorage units. You can find matching anchorage units in the table. Anchorage units are accessories and must be ordered separately. For technical data on anchorage units, see Page 553.

The individual installation nodes of the floodlights can be rotated in 90° steps.

Delivery includes a connection box made of cast aluminium.

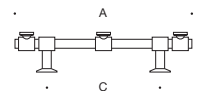
All important technical data are given in the instructions for use for these cross beams.

Cast aluminium, aluminium and stainless steel

Colour graphite or silver

■ Graphite – article number

■ Silver – article number + A



		A	B	C
70761	Cross beam for 3 floodlights	1510	300	960
70765	Cross beam for 6 floodlights	1510	300	960
70896	Anchorage unit for 70761 · 70765			

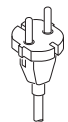




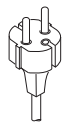
Socket types

A variety of sockets and plugs are used worldwide that are not always compatible with one another. 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.

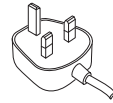
On the right, we offer safety sockets and switches for installation in bollards or luminaire poles.



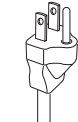
Type F



Type E



Type G



Type B



Type J

Sockets

Mainly used in

Type F	Germany and Europe	16 A · 250 V ~
Type E	France and Belgium	16 A · 250 V ~
Type G	Great Britain ("Commonwealth plug")	13 A · 250 V ~
Type B	USA (NEMA 5)	20 A · 125 V ~
Type J	Switzerland and Liechtenstein	10 A · 250 V ~



Sockets or switches with installation housing

For installation in BEGA luminaire poles or garden and bollard tubes with

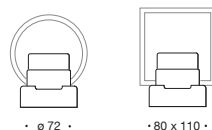
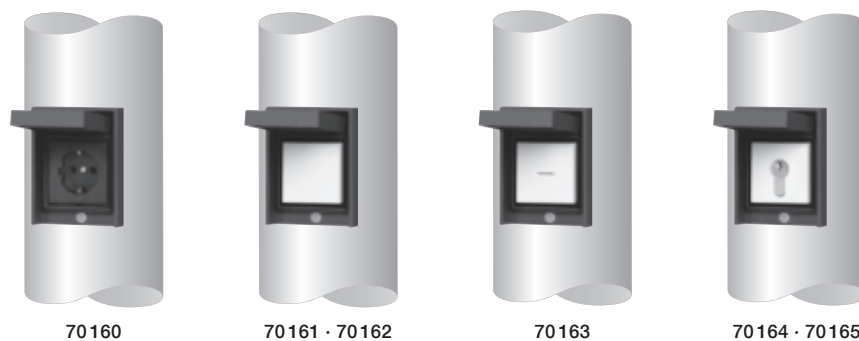
- Diameter ≥ 82 mm or
- Cross section $\geq 80 \times 80$ mm

Protection class IP 44 · Installation housing made of cast aluminium and stainless steel
Cover made of glass fibre reinforced synthetic material · Colour graphite

The installation in the luminaire poles is factory-prepared, but must be effected on the customer's premises on account of the risk of damage in transit.
Installation in garden luminaires and bollards is carried out at the factory.

Colour graphite or silver

- Graphite – article number
- Silver – article number + A



Safety sockets		
70160	Socket type F with installation housing	16 A · 250 V \sim
70166	Socket type E with installation housing	16 A · 250 V \sim
70167	Socket type G with installation housing	13 A · 250 V \sim
70168	Socket type B with installation housing	20 A · 125 V \sim
Switches · Pushbuttons · Cylinders		
70161	Two-way switches with installation housing	10 A · 250 V \sim
70162	Pushbutton NOC	10 A · 250 V \sim
70163	Control two-way switch	10 A · 250 V \sim
70164	Key-operated switch two-way	10 A · 250 V \sim
70165	Key-operated switch pushbutton	10 A · 250 V \sim
70180	Key cylinder with three keys for 70164 · 70165	



BEGA anchorage units and screw-on bases

For mounting BEGA garden and pathway luminaires in soil and on foundations

The luminaires on Pages 366 to 381 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.

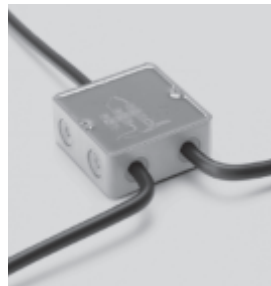
Distribution boxes for connecting several luminaires can be found on this page.

BEGA distribution boxes

For through-wiring garden and pathway luminaires and connecting pillars

If you need to connect multiple garden and pathway luminaires or connecting pillars together, we recommend through-wiring using the BEGA distribution box for installation in soil. After connecting the electrical lines to the terminals, the distribution box must be filled with the sealing compound supplied.

You can find the complete technical data for the distribution boxes in the instructions for use on our website.

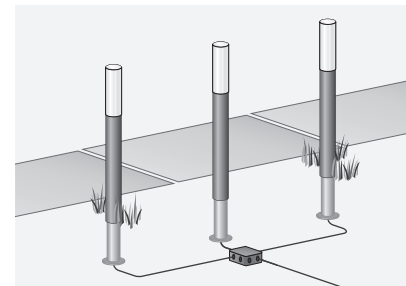


Distribution boxes for installation in soil

For connecting up to 9 luminaires in soil.
 Protection class IP 68 · Safety class II
 Housing made of synthetic material
 70 730 7 cable entries · Connection terminal 5 × 4[□]
 71 053 10 cable entries · Connection terminal 6 × 16[□]
 Sealing compound: Cartridge with gel filling
 After installation, the distribution box must be sealed.



	A	B	C
70 730 Distribution box · 7 cable entries	95	95	55
71 053 Distribution box · 10 cable entries	150	115	55

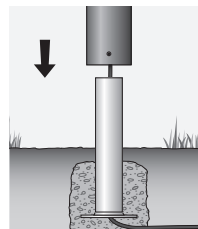


BEGA anchorage unit · Included with the luminaires on Pages 366 to 381.

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 NYY-J3 × 2.5[□] is routed into the anchorage unit from below. The underground cable and anchorage unit are set in concrete. The luminaire is then connected with a line connector, placed on the anchorage unit and bolted in position.

If through-wiring to an additional luminaire is required, we recommend using distribution box 70 730 · 71 053 (see Page 550).



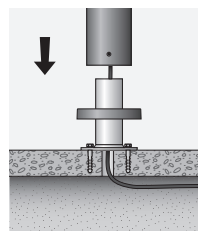
BEGA screw-on base · Included with the luminaires on Pages 366 to 381.

For the permanent installation of BEGA garden and pathway luminaires on foundations provided by the customer or on other paved surfaces, for example.

The 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 NYY-J3 × 2.5[□] is passed 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. The supplied cover plate between the vertical luminaire tube and the screw-on base covers the fastening bolts.

If through-wiring to an additional luminaire is required, we recommend using distribution box 70 730 · 71 053 (see Page 550).





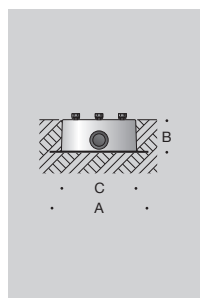
BEGA connection housings and anchorage units

For mounting bollards, luminaire poles with base plate and on-ground luminaires in soil

Our bollards, luminaire poles with base plate and some on-ground luminaires can either be bolted onto a foundation, secured in the soil with a BEGA anchorage unit or – for on-ground luminaires only – mounted on a connection housing.

Information on suitable anchorage units and connection housings can be found on the website, on the product pages in the catalogue and in the luminaire pole overviews.

The anchorage units are hot-dip galvanised welded constructions made of steel, comprising a ground plate, tube unit and flange plate. The connection housings are made of stainless steel. Thread inserts and mounting bolts made of stainless steel for connecting the luminaires or luminaire poles to the anchorage unit or connection boxes are included in the scope of delivery. Details of matching anchorage units and connection housings are presented in the table for the respective luminaires or luminaire poles. Please observe the technical information for the BEGA anchorage units and connection boxes in the data sheets and the instructions for use on our website.



BEGA connection housing for on-ground luminaires

For the permanent installation of on-ground luminaires.

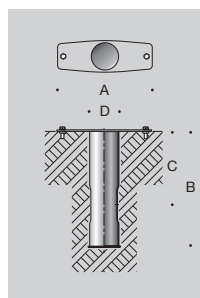
Stainless steel

Thread inserts and mounting screws made of stainless steel

Opening for inserting an installation pipe

		Screws	A	B	C
70 751	Connection housing	3 × 120° M 6	150	80	110
70 753	Connection housing	3 × 120° M 8	240	80	180



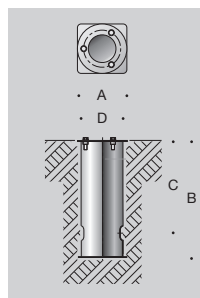


BEGA anchorage units for rectangular bollards

For the permanent installation of rectangular bollards.

Hot-dip galvanised welding construction made of steel
Thread inserts and mounting screws made of stainless steel

		Screws	A	B	C	D
71 890	Anchorage unit	2 × 180° M 8	250 × 80	400	300	220

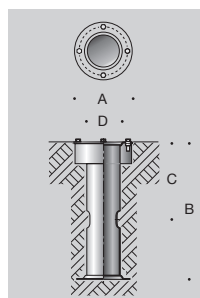


BEGA anchorage units for bollards and luminaire poles

For the permanent installation of bollards and luminaire poles with base plate.

Hot-dip galvanised welding construction made of steel
Thread inserts and mounting screws made of stainless steel

		Screws	A	B	C	D
70 894	Anchorage unit	3 × 120° M 6	95	400	330	70
70 895	Anchorage unit	3 × 120° M 8	135	400	330	100
70 896	Anchorage unit	3 × 120° M 8	165	500	350	132



BEGA anchorage units for luminaire poles

For the permanent installation of luminaire poles with base plate.

Hot-dip galvanised welding construction made of steel
Thread inserts and mounting screws made of stainless steel

		Screws	A	B	C	D
70 897	Anchorage unit	4 × 90° M 10	235	600	450	200
70 898	Anchorage unit	4 × 90° M 12	310	800	450	265
70 899	Anchorage unit	4 × 90° M 16	335	800	450	283





BEGA connection boxes

For installation in bollards, light building elements and pole-top luminaires

Connection boxes are used to connect bollards, light building elements und pole-top luminaires.

In addition to acting as the electrical transfer point between the underground cable and the luminaire cable and serving to safeguard the luminaires, they can perform various additional functions.

You can find BEGA connection boxes on Page 555.

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.

Note: Overvoltage poses an increased risk for LED luminaires. Overvoltage damage can result in partial or complete failure of the LED modules, loss of brightness or failure of the control system. Overvoltage events also have a negative impact on the service life of the LED luminaires even if they remain operational.

To protect your LED lighting system, we recommend the use of overvoltage protection components for various applications – see Page 543.

Control gear box with control unit for power reduction with DALI interface

Control gear box as ready-to-connect component for subsequent installation in luminaire poles or existing systems.

With control unit for power reduction/night-time reduction with integrated DALI power supply for 9 standard DALI operating devices

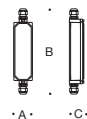
Optionally adjustable to two operating modes:

Operating mode 1: Power reduction through network or control phase

Operating mode 2: Power reduction by way of virtual midnight calculation

Housing made of glass fibre reinforced synthetic material · Protection class IP 65

Colour graphite



	Protection class	A	B
71 145 Control gear box with control unit for power reduction	IP 65	54	255



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

Information on the types of connection boxes can be found in the luminaires and luminaire pole tables.



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 [□]	2 · 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
	70 650 ≥ 120 mm	6 Micro 10 A	2 · 5 × 4 [□]	6 · 3 × 1.5 [□]	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.

The BEGA Tool smartphone app is required for use – see Page 540.

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 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.

The free DALI Cockpit software can be downloaded from our website for configuration purposes.

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/night-time reduction with integrated DALI power supply for 9 standard DALI operating devices

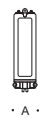
Optionally adjustable to two operating modes:

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



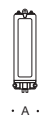
Type	Pole Ø	Fuses	Inputs	Outputs	Protection class	A	B
C	71 143 ≥ 120 mm	2 Neozed 6 A	2 · 5 × 16 [□]	2 · 4 × 2.5 [□]	IP 54	84	290

Connection box with overvoltage protection for installation in luminaire poles

Connection box with overvoltage protection in accordance with EN 61643-11

Housings made of impact-resistant synthetic material

Connection boxes in accordance with DIN 43 628/VDE 0660 · Part 505



Type	Pole Ø	Fuses	Inputs	Outputs	Protection class	A	B
C	70 695 ≥ 120 mm	2 Neozed 6 A	2 · 5 × 16 [□]	2 · 4 × 2.5 [□]	IP 54	84	290





Copper luminaire poles with base plate made of cast bronze**Aluminium luminaire poles with base plate · EN 40**

Luminaire poles for pole-top luminaires

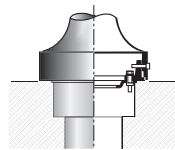
Luminaire poles made of aluminium and cast aluminium with cast aluminium base plate or luminaire poles made of copper with cast bronze base plate are screwed onto a BEGA anchorage unit or a foundation. Aluminium luminaire poles are mounted with the "System 1" mounting system, copper luminaire poles with the "System 2" mounting system.

Luminaire poles with door are equipped with a C-clamp and sliding nuts to accommodate a connection box and are fitted with an earth conductor connection. Matching connection boxes for each application are listed in the table. For technical data, see Page 554.

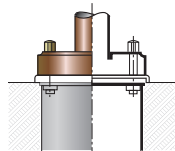
Matching luminaire poles for our pole-top luminaires are recommended on the pages of this catalogue.

Luminaire poles ordered in conjunction with luminaires are supplied in the same colour. All standard available colours feature our BEGA Unidure® coating technology and meet the highest global standards for weathering and light resistance. On request, poles in RAL and DB colours can be also be supplied at the catalogue price. We supply copper poles in their natural colour.

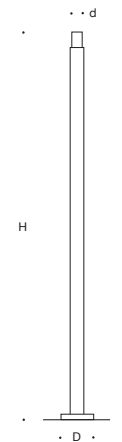
The system installer is responsible for the stability of the luminaire, luminaire pole and foundation.

**System 1**

A mounting plate is bolted to 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.

**System 2**

A mounting plate is bolted to a foundation or anchorage unit. The luminaire pole with base plate is placed on the mounting plate and bolted in **vertical** position with nuts.

**Group 40****Copper luminaire poles · 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	10.5	Without door	70 896
70 553	2000	80	220	12.3	Without door	70 896
70 551	2400	80	220	14.3	Without door	70 896

Group 41**Aluminium luminaire poles · System 1**

Pole	H	d	h	D	kg	Connection box	Anch. unit
70 545	1400	60	45	200	6.0	Without door	70 895

Group 44**Aluminium luminaire poles · System 1**

Pole	H	d	h	D	kg	Connection box	Anch. unit
70 538	1600	60	45	200	9.0	Without door	70 895
70 539	2000	60	45	200	11.0	A	70 895
70 540	2500	76	100	300	27.0	A · B	70 897
70 541	3000	76	100	300	32.0	A · B	70 897

Group 47**Aluminium luminaire poles · System 1**

Pole	H	d	D	kg	Connection box	Anch. unit
70 547	2000	60	200	11.0	A	70 895
70 524	3000	76	300	26.0	A · B	70 897
70 526	3500	76	300	28.0	A · B	70 897

Group 48**Aluminium luminaire poles · System 1**

Pole	H	d	h	D	kg	Connection box	Anch. unit
70 549	2000	60	45	200	11.0	A	70 895
70 522	3500	76	100	300	35.0	B · C	70 897

Group 49**Aluminium luminaire poles · System 1**

Pole	H	d	D	kg	Connection box	Anch. unit
70 546	2000	60	200	11.0	A	70 895
70 506	3000	76	300	31.0	B · C	70 897
70 521	3500	76	300	35.0	B · C	70 897

H = Height of pole, without anchorage unit d = Pole top diameter h = Height of offset pole top Ø = Diameter of pole base kg = Total weight



Group 40

Group 41

Group 44

Group 47

Group 48

Group 49

Aluminium luminaire poles with anchorage section · EN 40

Surface lacquered

Conical or cylindrical aluminium luminaire poles with anchorage unit featuring static strength values in accordance with EN 40.

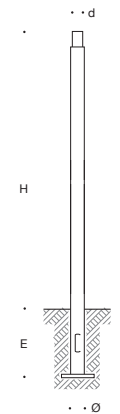
Luminaire poles with door are equipped with a C-clamp and sliding nuts to accommodate a connection box and are fitted with an earth conductor connection. Matching connection boxes for each application are listed in the table.

For technical data, see Page 554.

Matching luminaire poles for our pole-top luminaires are recommended on the pages of this catalogue.

Luminaire poles ordered in conjunction with luminaires are supplied in the same colour. All standard available colours feature our BEGA Unidure® coating technology and meet the highest global standards for weathering and light resistance. On request, poles in RAL and DB colours can be also be supplied at the catalogue price.

The system installer is responsible for the stability of the luminaire, luminaire pole and foundation.

**Group 31****Cylindrical aluminium luminaire poles**

Pole	H	d	Ø	E	kg	Connection box
70 934	600	48	48	400	1.8	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	15.0	A
70 960	4000	100	100	600	15.0	A
70 957	3000	120	120	500	15.0	B · C
70 965	3500	120	120	600	18.0	B · C
70 974	4000	120	120	600	20.0	B · C
70 989	4500	120	120	800	22.0	B · C

Group 32**Cylindrical aluminium luminaire poles, offset pole top**

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	20.0	B · C
70 739	3500	76	80	135	800	22.0	B · C
70 742	4000	76	130	135	800	23.0	B · C
70 738	4000	76	80	135	800	23.0	B · C
70 737	4000	76	100	170	800	33.0	B · C
70 743	4500	76	130	135	800	27.0	B · C
70 736	4500	76	80	135	800	27.0	B · C
70 744	5000	76	130	135	800	30.0	B · C
70 727	5000	76	80	135	800	31.0	B · C
70 748	5000	76	100	170	1000	40.0	B · C
70 909	3000	82	120	100	500	13.0	A
70 749	6000	89	120	220	1000	64.0	B · C
70 750	7000	89	120	220	1000	75.0	B · C

Group 33**Cylindrical aluminium luminaire poles, offset pole base**

Pole	H	d	Ø	E	kg	Connection box
70 901	4000	76	135	800	28.0	B · C
70 903	5000	76	135	800	35.0	B · C
70 905	6000	76	135	1000	40.0	B · C

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	12.0	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	13.0	B · C
70 914	4000	76	135	600	15.0	B · C
70 725	4500	76	135	800	18.0	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	33.0	B · C
70 726	8000	76	145	1200	54.0	B · C

H = Height of pole, without anchorage section d = Pole top diameter h = Height of offset pole top Ø = Diameter of pole base E = Anchorage section kg = Total weight



Group 31



Group 32



Group 33



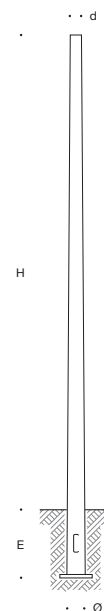
Group 34

Conical or cylindrical **steel** luminaire poles **with anchorage section** · EN 40
Surface hot-dip galvanised or hot-dip galvanised and lacquered

Conical steel luminaire poles or steel luminaire poles with an offset pole base and without a visible welding seam, featuring static strength values in accordance with EN 40, either hot-dip galvanised or hot-dip galvanised and lacquered.

Luminaire poles with door are equipped with a C-clamp and sliding nuts to accommodate a connection box and are fitted with an earth conductor connection. Matching connection boxes for each application are listed in the table. For technical data, see Page 554.

On request, we also supply luminaire poles in this series in the heights 12 m · 14 m · 16 m and 18 m. Matching luminaire poles for our pole-top luminaires are recommended on the pages of this catalogue. We supply lacquered luminaire poles in the same colour as the ordered luminaires. If no information is provided, we generally deliver the poles in the colour graphite. All standard available colours feature our BEGA Unidure® coating technology and meet the highest global standards for weathering and light resistance. On request, poles in RAL and DB colours can be also be supplied at the catalogue price. The system installer is responsible for the stability of the luminaire, luminaire pole and foundation.



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

Group 63

Cylindrical steel luminaire poles · 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

* Reinforced version

H = Height of pole, without anchorage section d = Pole top diameter Ø = Diameter of pole base E = Anchorage section kg = Total weight

Group 72

Conical steel luminaire poles · Hot-dip galvanised and lacquered

Pole	H	d	Ø	E	kg	Connection box
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

Group 73

Cylindrical steel luminaire poles · Hot-dip galvanised and lacquered

Pole	H	d	Ø	E	kg	Connection box
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 62



Group 63



Group 72



Group 73



Light distribution curves, illumination 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 and isolux diagrams. The following section provides basic explanations and clarifications on this topic.

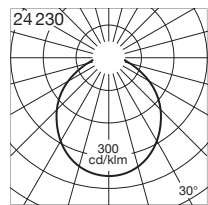


Fig. 1

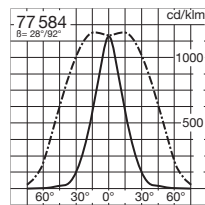


Fig. 2

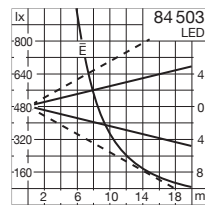


Fig. 3

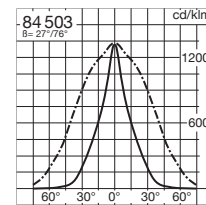


Fig. 4

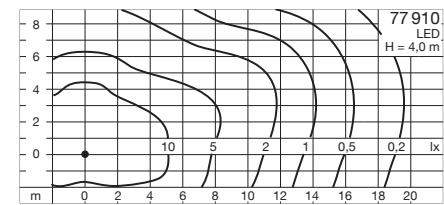


Fig. 5

Light distribution curves

Light distribution curves specify in what direction and with what intensity a luminaire emits light. 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).

The diagrams also specify the half beam angles (continuous line, C 180 - C 0 $\beta = 28^\circ$) and (dotted line, C 270 - C 90 $\beta = 92^\circ$).

The luminous intensity values are plotted on the vertical axis, and the beam angles on the horizontal axis.

Illumination diagrams

Illumination diagrams for floodlights (Fig. 3) specify the dimensions of the area limited by the two half beam angles (Fig. 4) and the average degree of illuminance of this area, depending on the distance. Using the parameters "floodlights – area – horizontal axis" it is possible to read off:

- The height (continuous line, C 0 – C 180 $\beta = 27^\circ$) and the width (dotted line, C 270 – C 90 $\beta = 76^\circ$) 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

Isolux diagrams

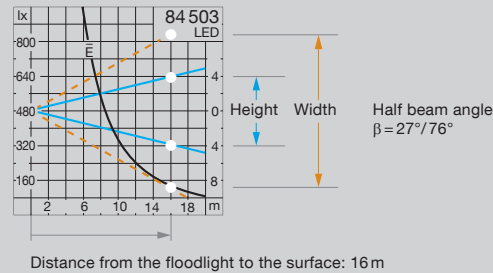
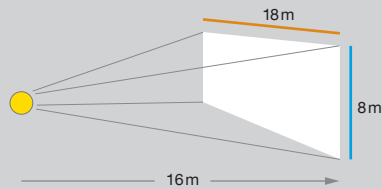
Isolux diagrams (Fig. 5) specify the distribution of the degree of illuminance on an illuminated surface. Points with the same degree of illuminance are connected to each other by means of curves (isolux lines). The luminaire is perpendicular to the drawing plane at the mounting height (H) above the coordinate origin. Depending on the luminaire type, the mounting height or the corresponding pole height is indicated.

The light point interval is approximately twice the distance at which the isolux line which belongs to half of the value of the desired minimum illuminance runs.

Example:

In the isolux diagram shown, the 0.5 lx line runs laterally at a distance of 16 m from the coordinate origin. If a path is to be illuminated ($E_{\min} \geq 1 \text{ lx}$), then a light point interval of approx. 32 m must be selected. In the case of luminaires with rotationally symmetrical light distribution, the resulting isolux lines are concentric circles.

Determining the distance of a floodlight from the illuminated surface using a light distribution curve



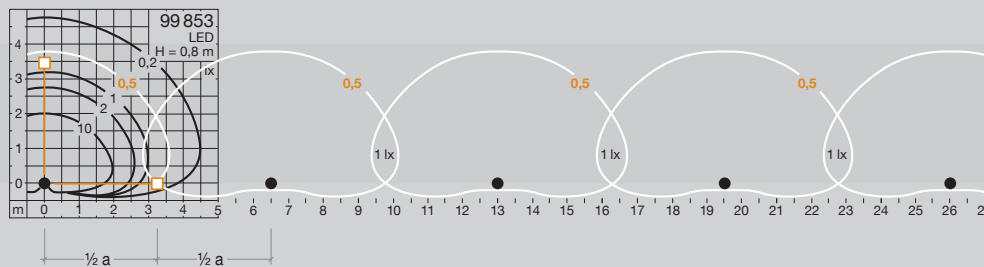
The façade to be illuminated has a height of 8 m (blue line) and a width of 18 m (red line). High-performance floodlight 84 503 with flat beam light distribution has a half beam angle of 27° and 76°. At a distance of 16 m, the half beam angles cover the dimensions of the façade exactly. The parabola indicates the average degree of illuminance in lux on the illuminated surface.

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.



Determination of the luminaire spacing "a" for pathway illumination of $E_{min} = 1 \text{ lx}$ on the basis of the isolux diagram



When planning illumination on paths, 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. These 0.5 lx must add up to 1 lx degree of illuminance on the assessed surface in order to define the luminaire spacing. This results in light point spacing of 6.5 m. During planning, local circumstances

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.





Reference values for illumination

Our lighting information and illumination plans are based on our own experiences, the illumination manual and the following DIN and EN standards.

DIN EN 12 464-1 und -2 "Light and lighting – Lighting of work places"

DIN EN 13 201 "Road lighting"

DIN EN 12 193 "Light and lighting – Sports lighting"

The binding DIN and EN standards are published by Beuth Verlag, Berlin. Additional DIN and EN standards, as well as information on the topic of lighting design, are published in our reference work "About light and illumination", the contents of which can also be found on our homepage.

Car parks - DIN EN 12464-2

Traffic volume is taken into account when illuminating car parks.

- **Low traffic volume:** Car parks for shops, terraced houses and apartment blocks, parking areas for bicycles
- **Medium traffic volume:** Car parks for department stores, office buildings, factories, sports facilities and multi-purpose halls
- **High traffic volume:** Car parks for schools, churches, large shopping centres, large sports facilities and multi-purpose halls

Car parks	\bar{E} (lx)	U_0	GR_L
Low volume of traffic	5	0.25	55
Medium volume of traffic	10	0.25	50
High volume of traffic	20	0.25	50

Parking garages - DIN EN 12464-1

Various safety-relevant areas must be observed when illuminating parking garages. The "switch" situation in particular requires a consistently high degree of illuminance.

Parking garages	\bar{E} (lx)
Entrance/exit at day time	300
Entrance/exit at night time	75
Lanes	75
Parking spaces	75
Switches	300
Outside ramps	25

L	Maintained illuminance of the average luminance on the carriageway, below which illuminance must not fall at any time.
\bar{E}	Maintained illuminance of the average degree of illuminance on the carriageway, below which illuminance must not fall at any time.
E_{min}	Maintained illuminance of the minimum degree of illuminance on the carriageway.
E_{min}/E_{av}	Uniformity of the degree of illuminance
U_0	Total uniformity, relationship between the lowest luminance (or degree of illuminance) and the average value on the surface of the carriageway.
U_l	Longitudinal uniformity, relationship between the lowest and the highest luminance on the centre line of a traffic lane.
f_n	Increase in threshold value, measure of the loss of visibility of a visual object as a result of physiological glare caused by excessively bright luminaires.
R_E	Environment illuminance ratio to improve spatial orientation, so that the areas beside the carriageway, if not illuminated themselves, are still recognisable.

Road lighting - EN 13201

With road lighting, a general distinction is made between two evaluation criteria.

For roads with traffic > 30 km/h, the brightness of the carriageway is assessed according to luminance in the classes M1 - M6. Roads with traffic ≤ 30 km/h, including roads closed to through-traffic, pavements and cycle paths, are assessed according to lighting classes P1 - P6.

Class	\bar{L} (cd/m ²)	U_0	U_i	f_{TI} (in %)	R_{EI}	Class	\bar{E} (lx)	E_{min} (lx)
M1	2.0	0.4	0.7	10	0.35	P1	15	3
M2	1.5	0.4	0.7	10	0.35	P2	10	2
M3	1.0	0.4	0.6	15	0.3	P3	7.5	1.5
M4	0.75	0.4	0.6	15	0.3	P4	5	1
M5	0.5	0.35	0.4	15	0.3	P5	3	0.6
M6	0.3	0.35	0.4	20	0.3	P6	2	0.4

Pedestrian areas - EN 12464

New urban planning concepts for pedestrian zones and residential courtyards place the main focus on people. Public areas are intended to promote communication. The selection and arrangement of the right luminaires is an essential design feature. Luminaires should be sufficiently glare-free and at the same time illuminate adjacent façades. This facilitates orientation and improves safety.

Outdoors	\bar{E} (lx)	E_{min} (lx)	Indoors	\bar{E} (lx)	U_0
Level footpaths	–	≥ 1	Traffic areas/corridors	100	0.4
Footpaths in work places	5	–	Stairs	100	0.4
Stairs	15	–	Platforms	100	0.4
Ramps	15	–	Subways	50	0.5
Arcades, passageways	20	–			

Sports lighting - EN 12193

The lighting in sports venues, indoor sports halls and swimming pools should create optimum conditions for the sportspersons, spectators and referees. Depending on the level of competition, a distinction is made between 3 levels of illumination.

- Class I: international/national and regional
- Class II: regional and local
- Class III: local, training, school and recreational sport

Sports lighting	Class II		Class III	
	\bar{E} (lx)	E_{min}/E_{av}	\bar{E} (lx)	E_{min}/E_{av}
Football pitch	200	0.6	75	0.5
Gymnasium	300	0.7	200	0.7
Tennis court	300	0.7	200	0.6
Indoor tennis court	500	0.7	300	0.5
Riding arena	200	0.5	100	0.5
Indoor riding arena	300	0.6	200	0.5
Indoor swimming pool	300	0.7	200	0.5



AC/DC mark

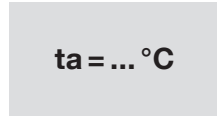
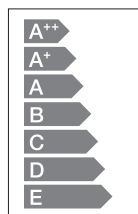
Luminaires marked AC/DC in the tables can be operated with alternating or direct voltage in stand-by lighting systems. The suitability of these luminaires for integration in emergency lighting luminaires must be examined by BEGA.

Special electrical equipment Emergency lighting

If you want to integrate our luminaires in emergency escape lighting systems in accordance with DIN VDE 0108-100 or prepare them for connection to a central battery system or emergency lighting system, we will be happy to inform you about the options and costs.


Energy efficiency of the lamps

You can find information (in accordance with EU regulation 874/2012) about the energy efficiency of our luminaires in the tables throughout this catalogue and on our website. All information is based on the scale A⁺⁺ - E.



Electrical safety

The luminaires in this catalogue are designed and manufactured on the basis of the EN 60598/VDE 0711 regulations.

The majority of the luminaires bear the corresponding test symbol  on the type plate, packaging and instructions for use. The remaining luminaires have been or are being prepared 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.

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.

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).

Surface-mounted luminaires with this symbol are not suitable for direct installation on normally flammable building materials.

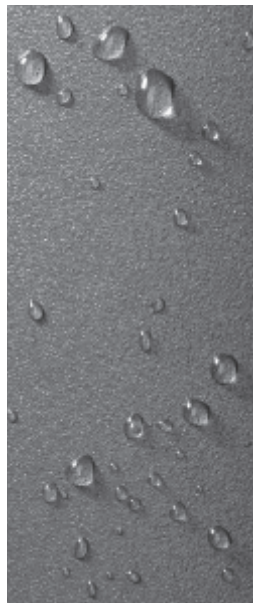
Recessed luminaires with this symbol are not suitable for direct installation in normally flammable building materials.

Luminaires bearing this symbol must not be in direct contact with thermal insulating materials.

The symbol $ta = \dots \text{°C}$ in accordance with EN 60598 (VDE 0711) indicates the permissible ambient temperature at which a luminaire is allowed to be operated. Our luminaires are generally designed for an ambient temperature $ta = 25 \text{°C}$, i.e. for indoor use.

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.



Protection classes

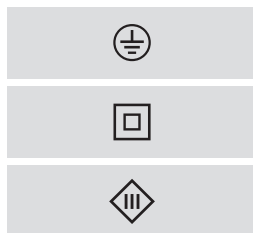
These classes provide information on a luminaire's stability in withstanding the ingress of dust, solid bodies and water in accordance with EN 6 598/VDE 0711. The respective degree of protection IP (International Protection) is printed on the luminaire as a number system according to IEC 529.

Protection against solid objects

IP 1x	Protection against 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

Protection against water

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 as safety class II. Please contact us.

Safety class III designates luminaires operating on safety extra low voltage. They can only be connected to safety transformers that conform to EN 61558/VDE 0570, EN 61347/VDE 712 or VDE 0100 Part 410. The transformer must be approved for this type of installation.

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24 239	21	24 299	23	24 370	179	24 429	71	24 825	25	31 086	518	31 323	513
24 240	21	24 300	33	24 371	179	24 430	71	24 826	25	31 087	518	31 327	487
24 241	21	24 301	33	24 372	151	24 431	71	24 827	25	31 093	508	31 329	487
24 242	21	24 302	33	24 373	151	24 432	71	24 828	25	31 094	508	31 333	487
24 243	21	24 303	33	24 374	151	24 501	181	24 829	25	31 095	508	31 369	521
24 244	21	24 304	33	24 376	364	24 502	181	24 830	25	31 098	483	31 382	514
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24 246	21	24 306	33	24 378	363	24 504	137	24 832	25	31 100	475	31 400	519
24 247	21	24 307	33	24 379	364	24 505	137	24 833	25	31 101	475	31 406	514
24 248	21	24 308	33	24 380	364	24 506	137	24 834	25	31 103	475	31 410	531
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24 250	21	24 310	81	24 382	25	24 508	87	24 836	29	31 118	497	31 426	525
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84 349	231	84 415	336	84 525	221	84 640	306	88 675	269	99 481	455	99 856	297
84 350	231	84 416	425	84 526	219	84 641	306	88 863	407	99 491	451	99 857	297
84 355	279	84 417	349	84 527	219	84 642	305	88 865	407	99 499	451	99 862	303
84 357	279	84 418	349	84 528	219	84 666	335	88 897	265	99 515	451	99 865	303
84 358	219	84 419	349	84 529	221	84 667	335	88 898	265	99 519	451	99 877	415
84 359	219	84 420	349	84 530	221	84 668	335	88 899	265	99 522	453		
84 360	383	84 421	349	84 531	233	84 669	338	88 913	239	99 523	453		
84 361	383	84 422	349	84 532	233	84 670	338	88 977	413	99 524	243		
84 362	211	84 423	351	84 533	225	84 671	338	88 978	413	99 526	243		
84 365	215	84 424	351	84 534	225	84 672	338			99 527	455		
84 366	383	84 425	351	84 535	227	84 673	338			99 528	451		
84 367	383	84 426	351	84 536	223	84 674	338			99 529	451		
84 368	383	84 427	351	84 537	223	84 679	404	90 000		99 532	453		
84 369	211	84 428	351	84 538	223	84 680	309	99 056	315	99 533	453		
84 370	211	84 429	351	84 539	223	84 681	309	99 058	315	99 534	455		
84 371	211	84 430	351	84 540	223	84 682	301	99 061	355	99 534	455		
84 375	237	84 431	351	84 541	223	84 683	301	99 069	355	99 552	341		
84 376	237	84 432	351	84 542	223	84 688	404	99 072	411	99 554	341		
84 377	237	84 433	351	84 543	223	84 689	404	99 075	403	99 556	451		
84 378	237	84 434	351	84 544	217	84 690	311	99 076	411	99 558	341		
84 379	237	84 450	257	84 545	217	84 691	311	99 115	241	99 560	341		
84 380	237	84 451	257	84 546	217	84 815	281	99 117	241	99 570	317		
84 381	251	84 452	257	84 547	219	84 875	415	99 282	425	99 577	317		
84 382	251	84 453	257	84 548	219	84 876	415	99 326	343	99 578	317		
84 383	251	84 454	261	84 549	219	84 991	421	99 327	247	99 595	453		
84 384	253	84 455	261	84 550	223	84 992	421	99 328	247	99 596	453		
84 385	253	84 456	261	84 551	223	84 993	421	99 330	343	99 599	455		
84 386	253	84 457	261	84 552	223	88 062	333	99 331	247	99 614	306		
84 391	225	84 500	233	84 553	223	88 063	407	99 356	247	99 615	306		
84 392	225	84 501	233	84 602	321	88 064	407	99 366	247	99 619	306		
84 393	382	84 502	233	84 603	321	88 065	407	99 396	247	99 620	306		
84 394	312	84 503	233	84 604	379	88 066	333	99 401	443	99 622	306		
84 395	312	84 504	217	84 605	379	88 066	333	99 402	443	99 624	306		
84 397	306	84 505	217	84 606	379	88 067	407	99 403	443	99 626	306		
84 398	306	84 506	217	84 607	379	88 068	407	99 407	443	99 627	306		
84 399	241	84 507	225	84 608	377	88 070	407	99 408	443	99 644	306		
84 400	239	84 508	225	84 609	377	88 100	426	99 415	241	99 656	459		
						88 157	423	99 426	451	99 665	459		



BEGA Outdoor WiFi Powerline Adapter IP 65

The BEGA WiFi Powerline Adapter will take your devolo dLAN® network out into the garden.
 devolo dLAN® uses your domestic power supply to transfer data, and allows every plug socket to be used to access the network.

With the BEGA Outdoor WiFi Powerline Adapter you can extend your dLAN® installation to add a secure WLAN® connection in your garden, running at a speed of up to 300 Mbit/s.
 The robust housing made of glass fibre reinforced synthetic material with protection class IP 65 is suitable for use outdoors.

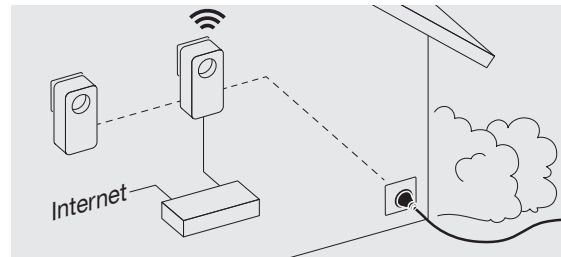
Compatible with all devolo dLAN® Powerline adapters from the 200/500/550/650/1200 Mbit/s product series and third-party adapters of the same standard.

You can find additional technical data in the product data sheets on our website.

Protection class IP 65

Housing made of glass fibre reinforced synthetic material
 5 m connecting cable and mains plug Type F Protection class IP X4

■ Colour graphite



13 550 BEGA Outdoor WiFi Powerline Adapter Ø H
120 85

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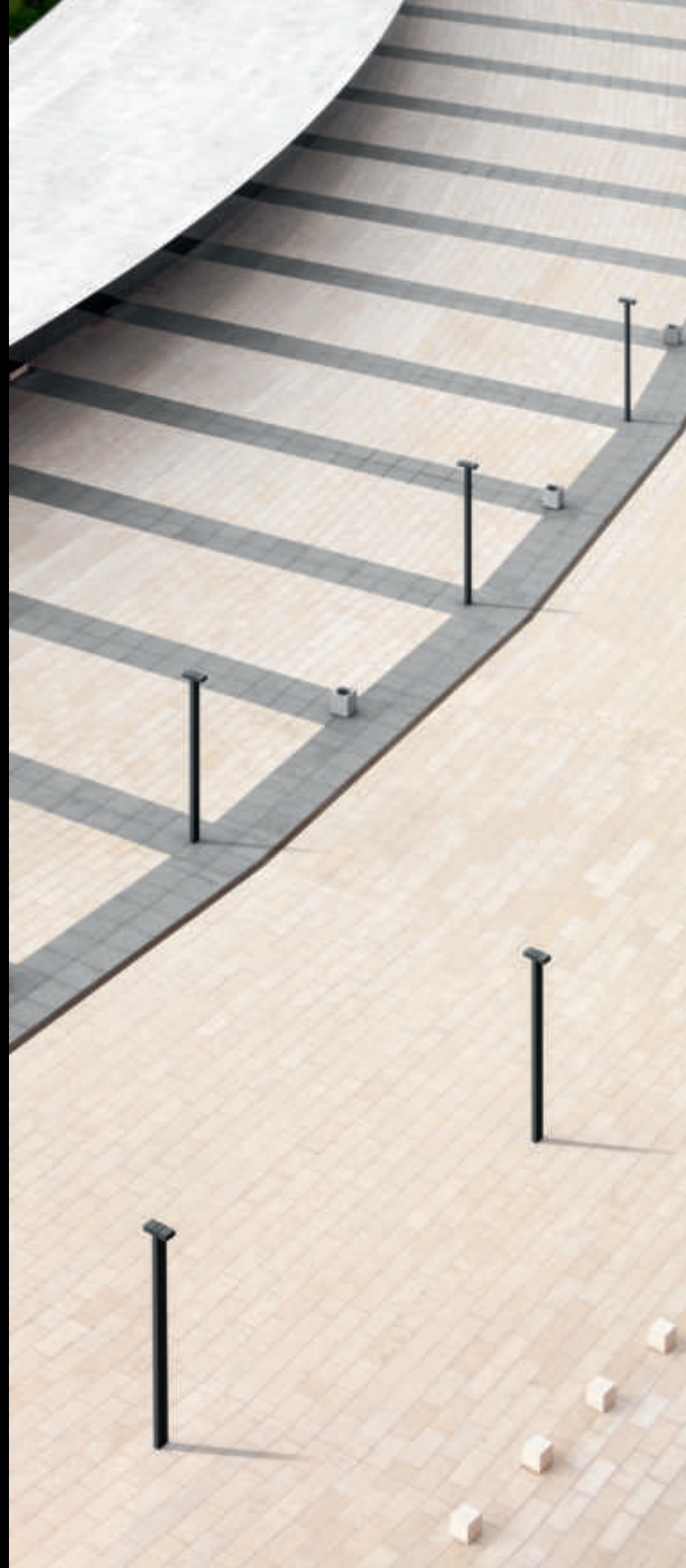
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BEGA
P.O. Box 3160 · 58689 Menden
Hennenbusch · 58708 Menden
Germany
Telephone +49 (0) 2373 966-0
Telefax +49 (0) 2373 966-260
www.bega.com · exporte@bega.com

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