

BEGA



**BEGA**



**Das gute Licht.**

Technical indoor luminaires

For us, a good luminaire is a successful mix of modern technology, functionality and design. Efficient connected loads and easy installation are just as important to us as guaranteeing the availability of replacements for many years to come. 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 technical indoor luminaires are reliable and efficient lighting tools for your daily planning work. Equipped with high-quality and reliable technical components, they represent durable construction details and guarantee high operational safety.

Recessed wall luminaires



14

Recessed ceiling luminaires



18

20

22 - 29

30

32 - 35

36

38

Ceiling luminaires



78

80

82

84

86

88

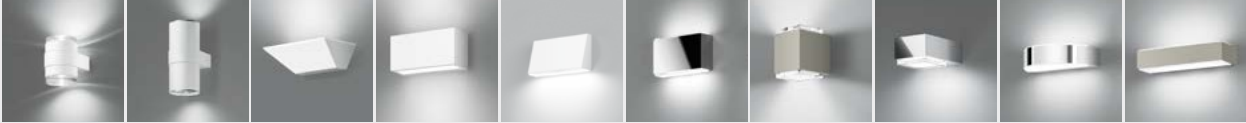
90

92

94

98

Wall luminaires



154

156

162

164

166

168

170

172

178

180

The Collection LIMBURG

The luminaires in our Collection LIMBURG are characterised by hand-crafted, high-quality luminaire glass which demonstrates the superior artistry and skill of our glassmakers. They are lighting tools for the many different design ideas of all those who plan and design with light made of high-quality glass.

In our glassworks in Limburg, we have mastered the art of creating high-quality glass from sand and various added aggregates at a temperature of over 1500 °C. For example, we can design luminaire glass according to our own quality standards and specifically for our lighting requirements. Throughout this time our development and design work has been driven by our fascination for glass with its countless facets. Equipped with high-quality and reliable technical components, they represent durable construction details and guarantee high operational safety.

Recessed ceiling luminaires



44

46

48

50

52

Ceiling luminaires



96

100

Wall luminaires



174

176

184

186

188

190

190

192

194



196

198

200

202

204

206

208

208

208



210

212

214 - 219

220

222

224

226

240

Table and floor luminaires



300

302

304

306

308

310

Ceiling and wall luminaires

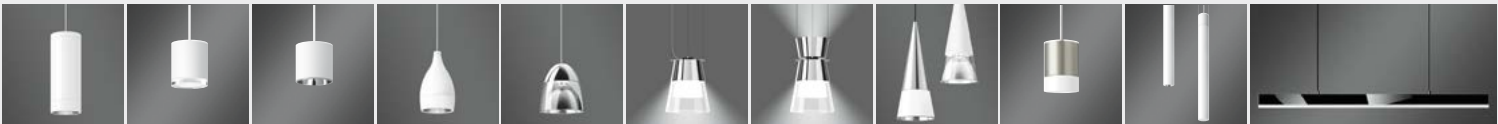


102                      104                      106                      150                      152

Pendant luminaires



228                      230                      232                      234                      236



242                      244                      246                      248                      250                      254                      254                      256                      264                      266                      298

Ceiling and wall luminaires

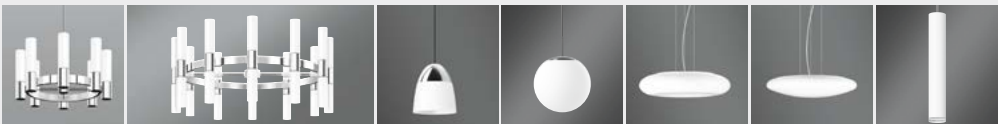


108                      110                      112                      114                      116                      116                      118                      120                      122                      124                      126



130                      132                      134                      142                      144                      146                      148

Pendant luminaires



240                      240                      252                      258-261                      262                      262                      268

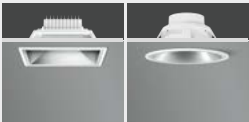


270                      272                      274                      276                      278                      292                      294                      296

PRIMA

We have developed the luminaires in the PRIMA series for all applications requiring reliable technology and high cost efficiency. Compact luminaires for universal use that are economical and versatile – of course with durable LED technology.

Recessed ceiling luminaires



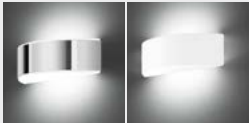
40      42

Ceiling and wall luminaires



128      136      138      140

Wall luminaires

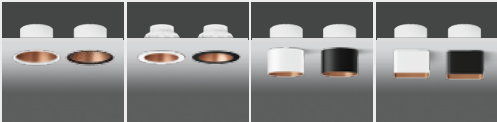


182      182

STUDIO LINE

STUDIO LINE luminaires create a graceful and exquisite lighting atmosphere that is both unique and expressive. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty. Thanks to the reliable high-grade LED technology and perfect metal workmanship, STUDIO LINE luminaires are suitable for planning assignments in private homes, shops or hotels and wherever representative, stylish luminaires with efficient LED technology are requested.

Recessed ceiling luminaires



62      64      66      68

Ceiling luminaires



70      72      74      76

Wall luminaires



158      160

Pendant luminaires



238      280      282      284      286      288      290

ACCENTA

A luminaire series for installation in cutouts with a diameter of 68 mm in suspended ceilings or for wall installation in standard cavity boxes. Thanks to their compact dimensions, the luminaires are particularly suitable for ceilings with shallow installation depths. ACCENTA luminaires are used for planning assignments in private homes as well as in shops or hotels and wherever representative, brilliant luminaires with efficient LED technology are requested.

Recessed wall luminaires



10      12

Recessed ceiling luminaires



54      56      56      58      60

DALI system components  
Power supply units  
Ceiling distributors  
LED lamps · LED information  
Lighting technology  
Table of contents

Accessories



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## About us, and good light for indoors and outdoors

For more than 70 years now, BEGA has been developing and producing high-quality outdoor luminaires for almost all areas of architecture. These years have given rise to products whose ideas and trademarks have become generic terms for countless luminaires in the entire industry. BEGA has been developing and producing indoor luminaires for more than 40 years. The luminaire glass for our luminaires comes almost exclusively from our glassworks in Limburg.

In 2017, we decided to merge our three brands BEGA, GLASHÜTTE LIMBURG and BOOM under the one brand name BEGA to better serve our market segment. Our indoor luminaire product line naturally includes a Collection LIMBURG featuring our classic luminaires, which are largely made of glass. Technical indoor luminaires as well as our PRIMA, ACCENTA and STUDIO LINE product lines round off our complete range. A table of contents and descriptions can be found on Pages 2 to 4.

For the production of all BEGA luminaires, we created the best conditions ourselves. They were not the consequence of any set of rules, but the result of our learning process and a fixed component of our idea of quality.

Being able to fall back on our own glass production when new ideas are being implemented has always been a major advantage for us. For example, we can design our luminaire glass according to our own quality standards and lighting requirements.

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.

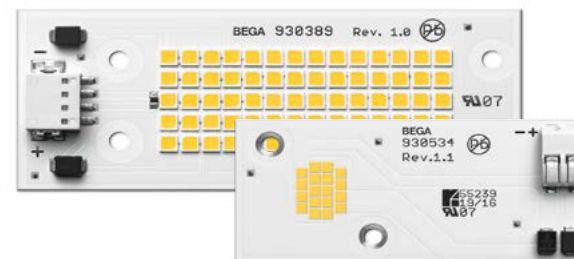
Sustainable resource management and the creation of exemplary production facilities for man and the environment have been our basic entrepreneurial principles since the very beginning, and are not just necessary modules in modern company philosophies.

Our work is determined by our high standards in lighting technology, workmanship and usability as well as in the aesthetic quality of our luminaires. For a long service life and operational safety, our care in development and manufacture must be continued in expert installation and maintenance by the electrical trade. Our common goal is to create durable assets which will remain timeless in terms of design, even after decades.

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 the architecture, set the scene atmospherically or convincingly, or simply maintain its plastic appearance at night.

Our luminaires are lighting tools for the many different design ideas of all those who plan and design with light.





## Things to know about our technology

For us, a good luminaire is a successful mix of technology, functionality and design. As a responsible and forward-looking manufacturer, we take an active interest in every aspect of lighting technology.

LED technology has redefined acquired standards and assessment criteria and created undreamt-of possibilities for designing with light. The sum total of its advantages makes this technology a milestone in lighting technology. We use the superiority of LED in the development of new luminaires, but also in the technical perfection of existing luminaire series. In doing so, we go well beyond the applications normally expected on the market. We do this responsibly, competently and with a sense of proportion – but above all reliably. After all, reliability and a high standard of product quality are among our elementary values and convictions. In the development of our luminaires, therefore, thermal management represents a great challenge. Efficiency and service life are already convincing and still improving. Module output and shape are variable and can be perfectly adapted to each luminaire. 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.



Ageing-resistant polymer-free optical systems made of silicone or crystal glass

We have taken a decidedly conservative approach to temperature control in our luminaires – values remain far below the maximum temperatures for LED modules.

As a matter of conviction we use durable, non-wearing materials in our optical systems. We do not use any plastic lenses to deflect light, as their ageing resistance is doubtful. Instead we prefer durable materials such as glass, silicone and aluminium.

## Replacements for our LED modules

We have given long consideration to this important and central issue. For many companies, it remains unanswered or becomes lost among meaningless advertising claims. As a responsible manufacturer of high-quality and durable products, we have spent many years researching who accepts the responsibility for replacing the LED modules in a luminaire. Neither well-established module suppliers nor conventional lamp manufacturers with dubious delivery reliability have satisfied our understanding of responsibility.

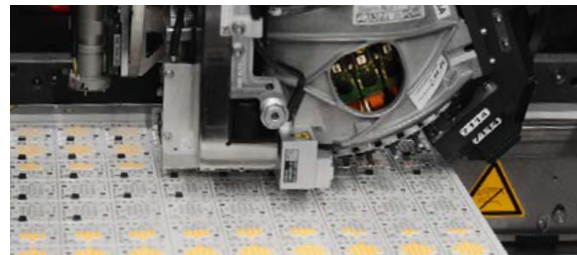
That is why we have been producing our own LED modules for several years now. With the same quality as the luminaires which we have been manufacturing for more than 70 years. We have created the technological capabilities for our own high-performance manufacturing of modules that is unparalleled. This means that we ourselves are responsible for the quality and replacement of LED modules in the

same way as we reliably demonstrated in the past for other components.

Today you will find a lamp designation in each of our LED luminaires, providing exact details of the installed modules. Thanks to the corresponding designation, we will be able to produce LED modules to match your BEGA luminaires even many years in the future.

We guarantee the availability of replacement modules even 20 years after you purchase an LED luminaire from us.

This responsibility for the durable assets we produce is something we are glad to accept. We thus make sure that a BEGA luminaire will not become useless because there are no replacements for the LED modules originally installed. You can find detailed information about our LED technology on Pages 322 and 323.





Shielded light



Unshielded light

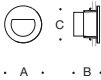
ACCENTA  
LED recessed wall luminaires  
Recessed opening 68 mm

A series of small and compact recessed wall luminaires with high-grade LED technology. These luminaires are quick and easy to install in standard switch or cavity wall boxes of 68 mm diameter. They are luminaires with unshielded light for directing and guiding illumination or luminaires with shielded light for the illumination of ground surfaces, e.g. for marking stairs and danger points. Each luminaire comes with a matching cavity wall box. Please follow the instructions for use for the luminaires as early as the planning phase.

Wall trim ring and frame available with a choice of 2 finishes · Safety glass, inside white  
50 155 · 50 156 Reflector surface made of pure aluminium  
On/off power supply unit · Colour rendering index (CRI) >90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – Article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



· A · · B ·

Shielded · White enamel · Code number .1							
	LED		PSU	EEC	A	B	C
50 156.1	2.1 W	110 lm	on/off	A++	75	65	68
50 155.1	3.0 W	180 lm	on/off	A++	75	65	68





ACCENTA recessed wall luminaires for installation in switch or cavity wall boxes of 68 mm diameter.



Select the required finish by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



· A · · B ·

Unshielded · White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	
50 117.1	2.1 W	40 lm	on/off	A++	75	65	68	
50 116.1	3.0 W	75 lm	on/off	A++	75	65	68	



· A · · B ·

Unshielded · White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	
50 119.1	2.1 W	45 lm	on/off	A++	75	65	68	
50 118.1	3.0 W	85 lm	on/off	A++	75	65	68	



Unshielded light

#### ACCENTA

##### **LED recessed wall luminaires**

Recessed opening 68 mm

A series of small and compact recessed wall luminaires with high-grade LED technology. These luminaires are quick and easy to install in standard switch or cavity wall boxes of 68 mm diameter. They are luminaires with unshielded light for directing and guiding illumination. Each luminaire comes with a matching cavity wall box. Please follow the instructions for use for the luminaires as early as the planning phase.

Wall trim ring and frame available with a choice of 2 finishes · Safety glass, inside white  
On/off power supply unit · Colour rendering index (CRI) > 90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



ACCENTA recessed wall luminaires for installation in switch or cavity wall boxes of 68 mm diameter.



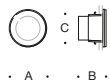
Select the required finish by changing the code number.



White enamel finish  
Code number .1

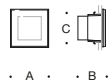


S/steel · Code number .2



· A · · B ·

White enamel finish · Code number .1								
	LED	PSU	EEC	A	B	C		
<b>50 158.1</b>	2.1 W	50 lm	on/off	A++	75	65	68	
<b>50 284.1</b>	3.0 W	100 lm	on/off	A++	75	65	68	



· A · · B ·

White enamel finish · Code number .1								
	LED	PSU	EEC	A	B	C		
<b>50 141.1</b>	2.1 W	50 lm	on/off	A++	75	65	68	
<b>50 285.1</b>	3.0 W	90 lm	on/off	A++	75	65	68	



**LED recessed wall luminaires**

Protection class IP 65

LED recessed wall luminaires with high protection class IP 65 for indoors for illuminating corridors, paths and staircases. With their brilliant accentuating effect, the visibly projecting glass edges underline the high quality of these luminaires.

The structure and design of the luminaires are perfectly coordinated with our LED technology.

These luminaires can be installed as flush or surface-mounted units.

Our patented mounting system – patent EP 0 686 806 – allows fast and user-friendly connection and installation of the luminaires.

The installed luminaire is secured in the structure, e.g. in drywalls or in an installation housing, using the BEGA mounting system.

You can choose between one installation housing and two plaster frames for the various installation situations. The luminaires can be surface-mounted as usual or they can be flush-mounted in plastered walls. Installation housings and plaster frames are accessories and must be ordered separately.

Please follow the instructions for use for the luminaires as early as the planning phase.

Protection class IP 65 · Cast aluminium luminaire housing

Luminaires available with a choice of 2 finishes

On/off power supply unit · Colour rendering index (CRI) >90

A separate 24 V DC power supply unit is required for luminaire 34 986 with 24 V DC · 2.6 W connected wattage · Safety class III. For technical data of power supply units, see Page 314.

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

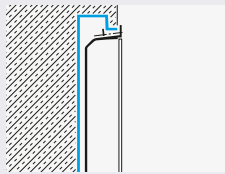
Select the required finish by changing the code number.



White enamel finish  
Code number .1



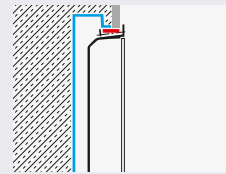
Palladium enamel finish  
Code number .4



Type A

**Installation housing**

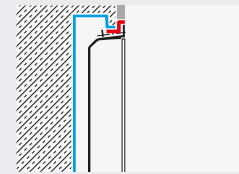
When making the recessed opening in masonry or concrete walls, it might be practical to use an installation housing.



Type C

**Plaster frame surface-mounted**

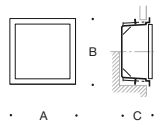
In conjunction with installation housing type A, the luminaires can be **surface-mounted**, e.g. for installation in walls that will be subsequently plastered.



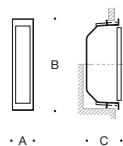
Type D

**Plaster frame flush**

In conjunction with installation housing type A, the luminaires can be **flush-mounted**, e.g. for installation in walls that will be subsequently plastered.



White enamel finish · Code number .1								Install. housing	Plaster frame	
	LED	PSU	EEC	A	B	C	AC/DC	Type A	Type C	Type D
<b>34 986.1</b>	2.6 W	75 lm	w/o*	A++	80	80	80	—	<b>10 406</b>	<b>10 006 10 070</b>
<b>34 987.1</b>	3.2 W	125 lm	on/off	A++	100	100	80	✓	<b>10 782</b>	<b>10 082 10 071</b>
<b>34 988.1</b>	4.0 W	240 lm	on/off	A++	150	150	90	✓	<b>10 463</b>	<b>10 063 10 072</b>
<b>34 989.1</b>	7.2 W	540 lm	on/off	A++	190	190	100	✓	<b>10 489</b>	<b>10 089 10 073</b>



White enamel finish · Code number .1								Install. housing	Plaster frame	
	LED	PSU	EEC	A	B	C	AC/DC	Type A	Type C	Type D
<b>34 556.1</b>	4.9 W	185 lm	on/off	A++	50	220	90	✓	<b>10 454</b>	<b>10 054 10 074</b>
<b>34 558.1</b>	6.5 W	290 lm	on/off	A++	50	320	90	✓	<b>10 455</b>	<b>10 059 10 079</b>


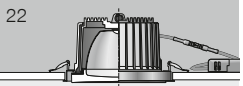
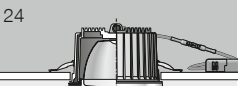
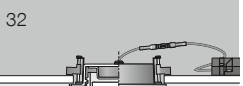
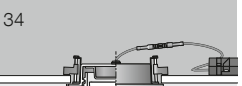
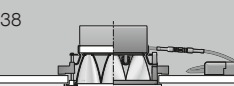
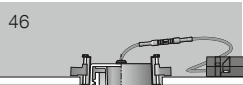



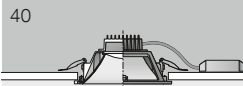
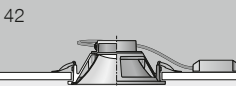
\* Suitable power supply units can be found on Page 314.

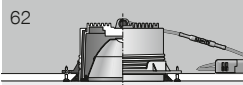

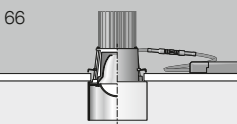
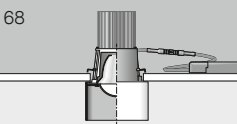


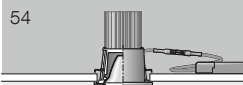
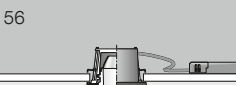
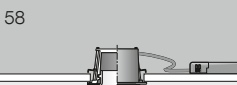
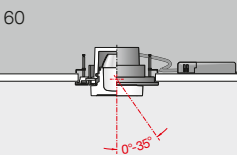
Recessed ceiling luminaires · Downlights

This summary of our recessed ceiling luminaires and downlights for indoors provides a compact and brief overview of all the important product data. It enables you to find a series quickly and compare products easily. Explanations about our technical downlights, Collection LIMBURG, PRIMA, STUDIO LINE and ACCENTA series can also be found in the table of contents on Page 2 to 4. Current values and other technical data can be found on our website in the product data sheet issued for the luminaire.

Technical downlights	<div>18</div>	<div>20</div>	<div>22</div>	<div>24</div>	<div>26</div>	
	<div>GENIUS LED recessed ceiling downlights Flush-mounting installation</div>	<div>GENIUS LED recessed ceiling downlights</div>	<div>LED recessed ceiling downlights</div>	<div>LED recessed ceiling downlights</div>	<div>LED recessed ceiling downlights</div>	
Power supply unit	External · on/off · DALI	External · on/off · DALI	External · on/off · DALI	External · on/off · DALI	External · on/off · DALI	
LED colour temperature	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K	
CRI	> 80 or > 90	> 80 or > 90	> 90	> 90	> 90	
Luminaire luminous flux	955 - 3665 lm	955 - 3665 lm	710 - 1610 lm	765 - 1700 lm	765 - 1700 lm	
Luminaire size	Ø 115 · 130 · 175 mm	Ø 140 · 155 · 200 mm	Ø 180 · 240 mm	Ø 145 · 205 mm	Ø 145 · 205 mm	
	<div>28</div>	<div>30</div>	<div>32</div>	<div>34</div>	<div>36</div>	<div>38</div>
	<div>LED recessed ceiling downlights Protection class IP 65</div>	<div>LED recessed ceiling downlights Adjustable light distribution</div>	<div>LED recessed ceiling downlights Direct and indirect light and tunable white luminaires</div>	<div>LED recessed ceiling downlights Direct and indirect light and tunable white luminaires</div>	<div>LED recessed ceiling downlights Direct and indirect light</div>	<div>LED recessed ceiling downlights</div>
Power supply unit	External · on/off · DALI	External · on/off · DALI	External · on/off · DALI	External · on/off · DALI	External · on/off · DALI	External · on/off · DALI
LED colour temperature	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K · 2700 - 6500 K	3000 K · 4000 K · 2700 - 6500 K	3000 K · 4000 K	3000 K · 4000 K
CRI	> 90	> 90	> 90	> 90	> 90	> 90
Luminaire luminous flux	280 - 1440 lm	285 - 1260 lm	510 - 2080 lm	480 - 1980 lm	920 - 2040 lm	290 - 2000 lm
Luminaire size	Ø 80 · 115 · 155 · 185 mm	Ø 110 · 145 · 220 · 260 mm	Ø 130 · 150 · 170 · 220 mm	Ø 130 · 150 · 170 · 220 mm	Ø 145 · 205 mm	□ 100 · 140 · 175 mm
The Collection LIMBURG	<div>44</div>	<div>46</div>	<div>48</div>	<div>50</div>	<div>52</div>	
	<div>LED recessed ceiling luminaires Tunable white luminaires</div>	<div>LED recessed ceiling and wall luminaires</div>	<div>LED recessed ceiling and wall luminaires Tunable white luminaires</div>	<div>LED recessed ceiling and wall luminaires Tunable white luminaires</div>	<div>LED recessed ceiling and wall luminaires Tunable white luminaires</div>	
Power supply unit	External · on/off · DALI	External · on/off · DALI	External · on/off · DALI	External · on/off · DALI	External · on/off · DALI	
LED colour temperature	3000 K · 4000 K · 2700 - 6500 K	3000 K · 4000 K	3000 K · 4000 K · 2700 - 6500 K	3000 K · 4000 K · 2700 - 6500 K	3000 K · 4000 K · 2700 - 6500 K	
CRI	> 90	> 90	> 90	> 90	> 90	
Luminaire luminous flux	545 - 3355 lm	775 - 1590 lm	460 - 2875 lm	590 - 3150 lm	595 - 3250 lm	
Luminaire size	Ø 135 · 160 · 180 · 225 · 265 mm	Ø 200 · 250 · 300 mm	Ø 180 · 255 · 340 · 430 mm	Ø 185 · 260 · 345 · 435 mm	Ø 210 · 290 · 380 · 470 mm	

PRIMA	40	42	
			
	<b>LED recessed ceiling downlights</b>	<b>LED recessed ceiling downlights</b>	
Power supply unit	External · on/off	External · on/off	
LED colour temperature	3000 K · 4000 K	3000 K · 4000 K	
CRI	> 90	> 90	
Luminaire luminous flux	710 · 1460 lm	965 · 1980 lm	
Luminaire size	□ 155 · 180 mm	Ø 180 · 235 mm	

STUDIO LINE	62	64	66	68	
					
	<b>LED recessed ceiling luminaires</b> Flush-mounting installation	<b>LED recessed ceiling luminaires</b>	<b>LED recessed ceiling downlights</b>	<b>LED recessed ceiling downlights</b>	
Power supply unit	External · on/off · DALI	External incl. · on/off	External · on/off · DALI	External · on/off · DALI	
LED colour temperature	3000 K	3000 K	3000 K	3000 K	
CRI	> 90	> 90	> 90	> 90	
Luminaire luminous flux	860 · 1850 lm	830 · 1720 lm	415 · 820 lm	435 · 820 lm	
Luminaire size	Ø 115 · 130 · 175 mm	Ø 130 · 150 mm	Ø 80 mm	□ 85 mm	

ACCENTA	54	56	58	60	
					
	<b>LED recessed ceiling downlights</b>	<b>LED recessed ceiling luminaires</b>	<b>LED recessed ceiling luminaires</b>	<b>LED recessed ceiling luminaires</b>	
Power supply unit	External · on/off · DALI	External · on/off · DALI	External · on/off · DALI	External incl. · on/off · DALI	
LED colour temperature	2700 K · 3000 K	2700 K · 3000 K	2700 K · 3000 K	2700 K · 3000 K	
CRI	> 90	> 90	> 90	> 90	
Luminaire luminous flux	485 · 795 lm	640 lm	590 lm	640 lm	
Luminaire size	Ø 80 mm	Ø 80 mm	Ø 80 mm	Ø 105 mm	



•115•



•130•



•175•

#### GENIUS

**LED recessed ceiling downlights** for external on/off or DALI power supply units  
Flush-mounting installation

The downlights on these pages are designed for flush-mounting installation in suspended plasterboard ceilings. They belong to the GENIUS series of downlights. These luminaires with hybrid optics make use of the advantages of 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 322. These downlights are available with four light distributions, in various diameters and optionally with CRI >80 or >90.

An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315. Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.

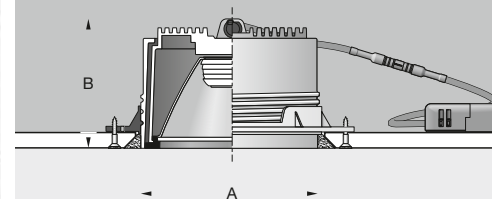
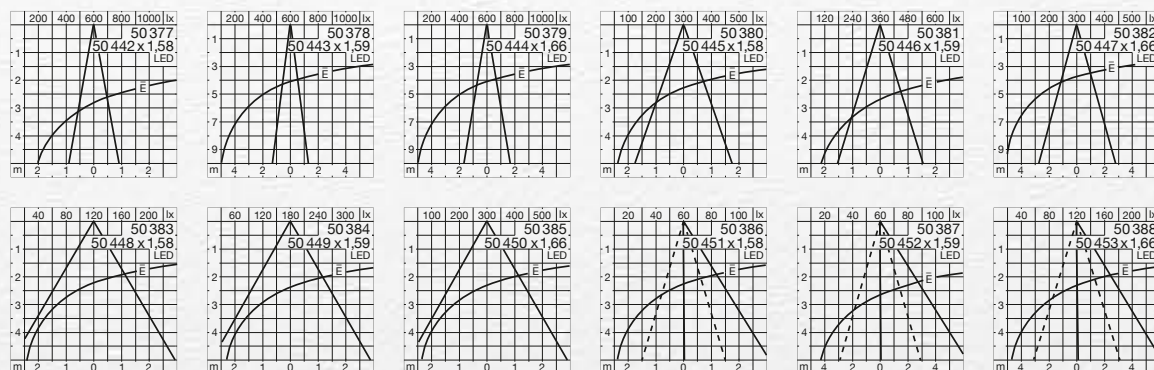
For matching ceiling luminaires with the same technical features, see Page 84, for matching pendant luminaires, see Page 246.

Luminaire housing made of cast aluminium · Ceiling installation housing made of synthetic material  
Trim ring with white enamel finish · Safety glass · Optical lens made of silicone  
Reflector surface made of pure aluminium · Colour rendering index (CRI) > 80 or > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





# GENIUS LED recessed ceiling downlights Flush-mounting installation

for external PSU **on/off · DALI**  
Colour temperature **3000 K · 4000 K**  
CRI **> 80 or > 90**  
Luminaire luminous flux **955 - 3665 lm**  
Luminaire Ø **115 · 130 · 175 mm**

Narrow beam · White enamel finish · Code number .1									External PSU	
	LED		CRI	EEC	β	A	B	AC/DC	on/off	DALI
	<b>50 377.1</b>	9.7 W 1030 lm	>90	A++	21°	115	95	✓	<b>13 143</b>	<b>13 168</b>
	<b>50 442.1</b>	13.5 W 1630 lm	>80	A++	21°	115	95	✓	<b>13 144</b>	<b>13 169</b>
	<b>50 378.1</b>	13.5 W 1460 lm	>90	A++	15°	130	105	✓	<b>13 144</b>	<b>13 169</b>
	<b>50 443.1</b>	19.5 W 2330 lm	>80	A++	15°	130	105	✓	<b>13 145</b>	<b>13 171</b>
	<b>50 379.1</b>	20.0 W 2205 lm	>90	A++	19°	175	130	✓	<b>13 144</b>	<b>13 170</b>
	<b>50 444.1</b>	29.0 W 3665 lm	>80	A++	19°	175	130	✓	<b>13 145</b>	<b>13 171</b>

Wide beam · White enamel finish · Code number .1									External PSU	
	LED		CRI	EEC	β	A	B	AC/DC	on/off	DALI
	<b>50 380.1</b>	9.7 W 1055 lm	>90	A++	38°	115	95	✓	<b>13 143</b>	<b>13 168</b>
	<b>50 445.1</b>	13.5 W 1670 lm	>80	A++	38°	115	95	✓	<b>13 144</b>	<b>13 169</b>
	<b>50 381.1</b>	13.5 W 1470 lm	>90	A++	34°	130	105	✓	<b>13 144</b>	<b>13 169</b>
	<b>50 446.1</b>	19.5 W 2345 lm	>80	A++	34°	130	105	✓	<b>13 145</b>	<b>13 171</b>
	<b>50 382.1</b>	20.0 W 2210 lm	>90	A++	32°	175	130	✓	<b>13 144</b>	<b>13 170</b>
	<b>50 447.1</b>	29.0 W 3665 lm	>80	A++	32°	175	130	✓	<b>13 145</b>	<b>13 171</b>

Very wide beam · White enamel finish · Code number .1									External PSU	
	LED		CRI	EEC	β	A	B	AC/DC	on/off	DALI
	<b>50 383.1</b>	9.7 W 955 lm	>90	A++	62°	115	95	✓	<b>13 143</b>	<b>13 168</b>
	<b>50 448.1</b>	13.5 W 1575 lm	>80	A++	62°	115	95	✓	<b>13 144</b>	<b>13 169</b>
	<b>50 384.1</b>	13.5 W 1430 lm	>90	A++	60°	130	105	✓	<b>13 144</b>	<b>13 169</b>
	<b>50 449.1</b>	19.5 W 2290 lm	>80	A++	60°	130	105	✓	<b>13 145</b>	<b>13 171</b>
	<b>50 385.1</b>	20.0 W 2165 lm	>90	A++	59°	175	130	✓	<b>13 144</b>	<b>13 170</b>
	<b>50 450.1</b>	29.0 W 3585 lm	>80	A++	59°	175	130	✓	<b>13 145</b>	<b>13 171</b>

Asymmetrical · White enamel finish · Code number .1									External PSU	
	LED		CRI	EEC	β	A	B	AC/DC	on/off	DALI
	<b>50 386.1</b>	9.7 W 1010 lm	>90	A++	45/60°	115	95	✓	<b>13 143</b>	<b>13 168</b>
	<b>50 451.1</b>	13.5 W 1550 lm	>80	A++	45/60°	115	95	✓	<b>13 144</b>	<b>13 169</b>
	<b>50 387.1</b>	13.5 W 1390 lm	>90	A++	45/60°	130	105	✓	<b>13 144</b>	<b>13 169</b>
	<b>50 452.1</b>	19.5 W 2190 lm	>80	A++	45/60°	130	105	✓	<b>13 145</b>	<b>13 171</b>
	<b>50 388.1</b>	20.0 W 2130 lm	>90	A++	46/70°	175	130	✓	<b>13 144</b>	<b>13 170</b>
	<b>50 453.1</b>	29.0 W 3350 lm	>80	A++	46/70°	175	130	✓	<b>13 145</b>	<b>13 171</b>

β = Half beam angle





• 140 •



• 155 •



• 200 •

## GENIUS

**LED recessed ceiling downlights** for external on/off or DALI power supply units

The downlights on these pages are designed for installation in suspended ceilings. They belong to the GENIUS series of downlights. Luminaires with hybrid optics make use of the advantages of 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 322.

These downlights are available with four light distributions, in various diameters and optionally with CRI > 80 or > 90.

An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315.

Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires.

Please follow them as early as the planning phase.

If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.

For matching ceiling luminaires with the same technical features, see Page 84, for matching pendant luminaires, see Page 246.

Luminaire housing made of cast aluminium · Ceiling installation housing made of synthetic material  
Ceiling trim ring available with a choice of 3 finishes · Safety glass · Optical lens made of silicone  
Reflector surface made of pure aluminium · Colour rendering index (CRI) > 80 or > 90

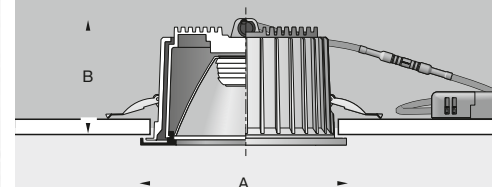
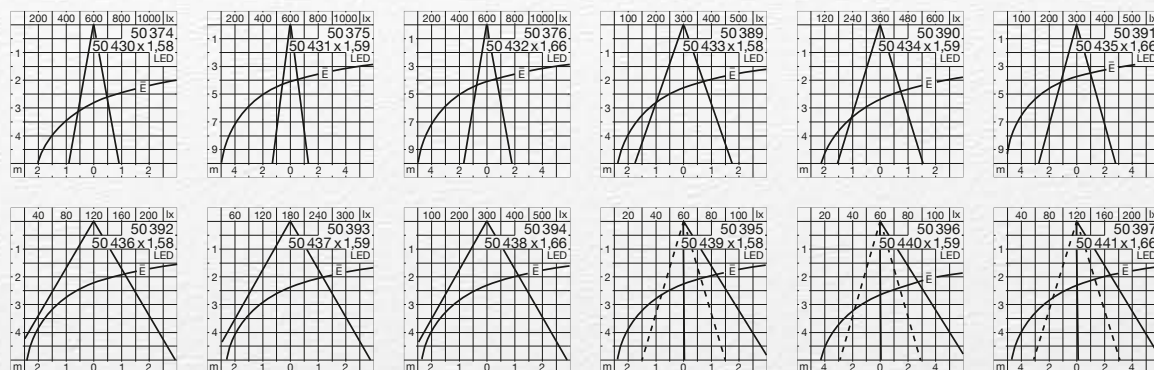
These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.







## GENIUS LED recessed ceiling downlights

for external PSU	on/off · DALI
Colour temperature	3000 K · 4000 K
CRI	> 80 or > 90
Luminaire luminous flux	955 - 3665 lm
Luminaire Ø	140 · 155 · 200 mm

Narrow beam · White enamel finish · Code number .1									External PSU	
	LED		CRI	EEC	β	A	B	AC/DC	on/off	DALI
	50 374.1	9.7 W 1030 lm	>90	A++	21°	140	95	✓	13 143	13 168
	50 430.1	13.5 W 1630 lm	>80	A++	21°	140	95	✓	13 144	13 169
	50 375.1	13.5 W 1460 lm	>90	A++	15°	155	105	✓	13 144	13 169
	50 431.1	19.5 W 2330 lm	>80	A++	15°	155	105	✓	13 145	13 171
	50 376.1	20.0 W 2205 lm	>90	A++	19°	200	130	✓	13 144	13 170
	50 432.1	29.0 W 3665 lm	>80	A++	19°	200	130	✓	13 145	13 171

Wide beam · White enamel finish · Code number .1									External PSU	
	LED		CRI	EEC	β	A	B	AC/DC	on/off	DALI
	50 389.1	9.7 W 1055 lm	>90	A++	38°	140	95	✓	13 143	13 168
	50 433.1	13.5 W 1670 lm	>80	A++	38°	140	95	✓	13 144	13 169
	50 390.1	13.5 W 1470 lm	>90	A++	34°	155	105	✓	13 144	13 169
	50 434.1	19.5 W 2345 lm	>80	A++	34°	155	105	✓	13 145	13 171
	50 391.1	20.0 W 2210 lm	>90	A++	32°	200	130	✓	13 144	13 170
	50 435.1	29.0 W 3665 lm	>80	A++	32°	200	130	✓	13 145	13 171

Very wide beam · White enamel finish · Code number .1									External PSU	
	LED		CRI	EEC	β	A	B	AC/DC	on/off	DALI
	50 392.1	9.7 W 955 lm	>90	A++	62°	140	95	✓	13 143	13 168
	50 436.1	13.5 W 1575 lm	>80	A++	62°	140	95	✓	13 144	13 169
	50 393.1	13.5 W 1430 lm	>90	A++	60°	155	105	✓	13 144	13 169
	50 437.1	19.5 W 2290 lm	>80	A++	60°	155	105	✓	13 145	13 171
	50 394.1	20.0 W 2165 lm	>90	A++	59°	200	130	✓	13 144	13 170
	50 438.1	29.0 W 3585 lm	>80	A++	59°	200	130	✓	13 145	13 171

Asymmetrical · White enamel finish · Code number .1									External PSU	
	LED		CRI	EEC	β	A	B	AC/DC	on/off	DALI
	50 395.1	9.7 W 1010 lm	>90	A++	45/60°	140	95	✓	13 143	13 168
	50 439.1	13.5 W 1550 lm	>80	A++	45/60°	140	95	✓	13 144	13 169
	50 396.1	13.5 W 1390 lm	>90	A++	45/60°	155	105	✓	13 144	13 169
	50 440.1	19.5 W 2190 lm	>80	A++	45/60°	155	105	✓	13 145	13 171
	50 397.1	20.0 W 2130 lm	>90	A++	46/70°	200	130	✓	13 144	13 170
	50 441.1	29.0 W 3350 lm	>80	A++	46/70°	200	130	✓	13 145	13 171

β = Half beam angle



Select the required finish by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Chrome · Code number .3



• 180 •



• 240 •

#### LED recessed ceiling downlights

for external on/off or DALI power supply units

The downlights on these pages are designed for installation in suspended ceilings. Together with the installation surface, the approx. 20 mm thick, hand-crafted crystal glass forms practically one plane. The recessed luminaires, which are mounted almost flush with the ceiling, enable a calm and harmonious ceiling design and achieve high degrees of illuminance. These downlights develop their material-related beauty particularly when illuminated.

An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315. Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires.

Please follow them as early as the planning phase.

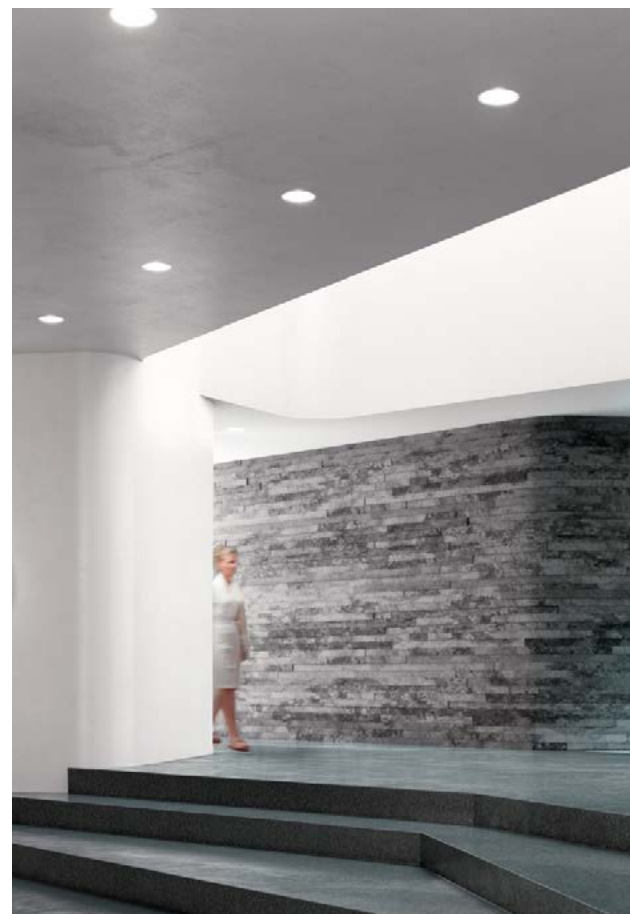
If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.

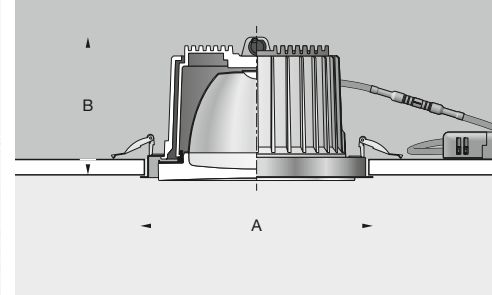
Luminaire housing made of cast aluminium · Ceiling installation housing made of synthetic material  
Ceiling trim ring available with a choice of 2 finishes · Partially frosted crystal glass  
Reflector made of pure anodised aluminium · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

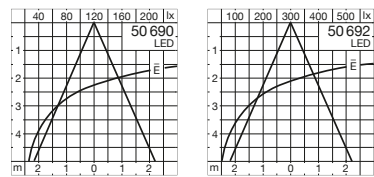
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





### LED recessed ceiling downlights

for external PSU	on/off · DALI
Colour temperature	3000 K · 4000 K
CRI	> 90
Luminaire luminous flux	710 · 1610 lm
Luminaire Ø	180 · 240 mm



White enamel finish · Code number .1						External PSU		
	LED	EEC	β	A	B	AC/DC	on/off	DALI
50 690.1	9.7 W	710 lm	A++	47°	180 110	✓	13 143	13 168
50 692.1	20.0 W	1610 lm	A++	48°	240 145	✓	13 144	13 170

β = Half beam angle

Select the required finish by changing the code number.



White enamel finish  
Code number .1



Polished stainless steel  
Code number .3



• 145 •



• 205 •

#### LED recessed ceiling downlights

for external on/off or DALI power supply units

The downlights on these pages are designed for installation in suspended ceilings. The approx. 20mm thick, hand-crafted crystal glass lends the luminaires a striking appearance. As do the brilliant and multi-faceted light graphics. Both the room and the installation surface are illuminated, creating a pleasant lighting climate with brilliant accents.

An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315. Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.

For matching ceiling luminaires with the same technical features, see Page 86, for matching pendant luminaires, see Page 244.

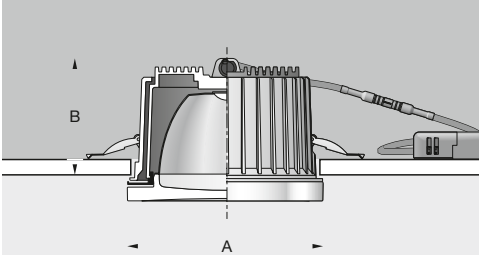
Luminaire housing made of cast aluminium · Ceiling installation housing made of synthetic material  
Partially frosted crystal glass  
Reflector made of pure anodised aluminium · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

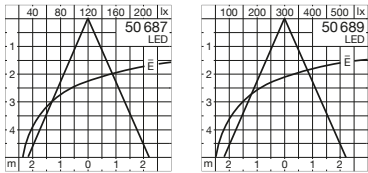
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





LED recessed ceiling downlights

for external PSU	on/off · DALI
Colour temperature	3000 K · 4000 K
CRI	> 90
Luminaire luminous flux	765 · 1700 lm
Luminaire Ø	145 · 205 mm



LED downlights								External PSU	
	LED		EEC	β	A	B	AC/DC	on/off	DALI
50 687	9.7 W	765 lm	A++	47°	145	95	✓	13 143	13 168
50 689	20.0 W	1700 lm	A++	48°	205	130	✓	13 144	13 170

β = Half beam angle





• 145 •



• 205 •

#### LED recessed ceiling downlights

for external on/off or DALI power supply units

The downlights on these pages are designed for installation in suspended ceilings. The approx. 20mm thick, hand-crafted crystal glass lends the luminaires a striking appearance. As do the brilliant and multi-faceted light graphics. Both the room and the installation surface are illuminated, creating a pleasant lighting climate with brilliant accents.

An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315.

Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires.

Please follow them as early as the planning phase.

If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.

For matching ceiling luminaires with the same technical features, see Page 86, for matching pendant luminaires, see Page 244.

Luminaire housing made of cast aluminium · Ceiling installation housing made of synthetic material  
Ceiling trim ring available with a choice of 2 finishes · Partially frosted crystal glass  
Reflector made of pure anodised aluminium · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

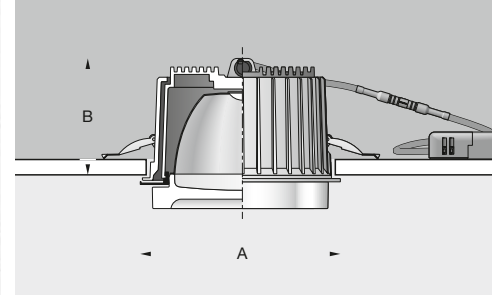
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

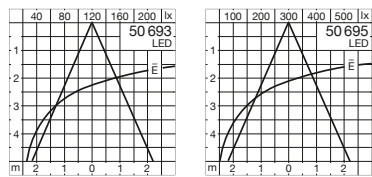






**LED recessed ceiling downlights**

for external PSU	<b>on/off · DALI</b>
Colour temperature	<b>3000 K · 4000 K</b>
CRI	<b>&gt; 90</b>
Luminaire luminous flux	<b>765 · 1700 lm</b>
Luminaire Ø	<b>145 · 205 mm</b>



LED downlights with white ceiling trim ring · Code number .1									External PSU	
	LED		EEC	β	A	B	AC/DC		on/off	DALI
<b>50 693.1</b>	9.7 W	765 lm	A++	47°	145	95	✓		<b>13 143</b>	<b>13 168</b>
<b>50 695.1</b>	20.0 W	1700 lm	A++	48°	205	130	✓		<b>13 144</b>	<b>13 170</b>

β = Half beam angle

Select the required finish by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



#### LED recessed ceiling downlights

for external on/off or DALI power supply units

**Protection class IP 65**

Downlights with protection class IP 65 with various LED outputs, half beam angles and dimensions for installation in suspended ceilings. When the appropriate installation housing is used, the luminaires are suitable for installation in concrete ceilings.

The crystal glass projecting beyond the ceiling trim ring has a partial matt finish on the inside for optimum glare suppression and directs a part of the light sideways onto the ceiling. This creates additional visual comfort and a brilliant appearance through the intensity of the horizontal illuminance.

An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 314.

Suitable DALI system components can be found on Page 312.

The luminaire 50 001.1 comes with an external, non-dimmable power supply unit.

The required installation depths can be found in the instructions for use for these luminaires.

Please follow them as early as the planning phase.

If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.

Protection class IP 65 · Luminaire housing made of cast aluminium

Ceiling trim ring available with a choice of 3 finishes

Partially frosted crystal glass · Reflector made of pure anodised aluminium

Colour rendering index (CRI) > 90

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing. Installation housings are accessories and must be ordered separately. You can find the technical data in the data sheets on our website.

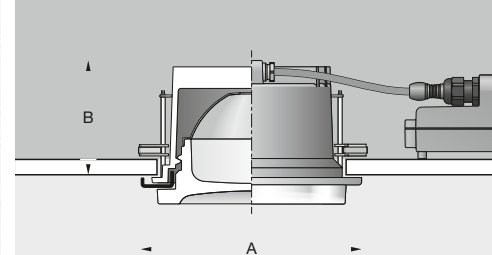
These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

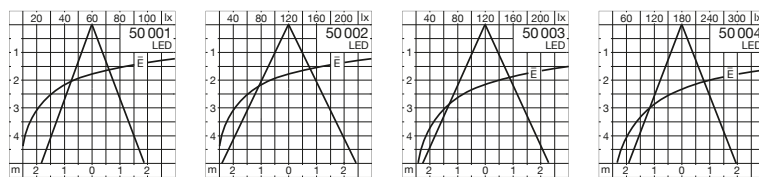
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





**LED recessed ceiling downlights**  
**Protection class IP 65**

for external PSU	<b>on/off · DALI</b>
Colour temperature	<b>3000 K · 4000 K</b>
CRI	<b>&gt; 90</b>
Luminaire luminous flux	<b>280 - 1440 lm</b>
Luminaire Ø	<b>80 · 115 · 155 · 185 mm</b>



Select the required finish by  
changing the code number.



White enamel finish  
Code number **.1**



S/steel · Code number **.2**



Polished stainless steel  
Code number **.3**

White enamel finish · Code number .1								External PSU		Installation housing
LED		EEC	β	A	B	AC/DC	Power supply unit			
50 001.1	6.0 W	280 lm	A++	41°	80	70	✓	Included · non-dimmable	10 407	
							on/off	DALI		
50 002.1	14.0 W	800 lm	A++	51°	115	75	✓	13 191	10 520	10 440
50 003.1	20.0 W	1000 lm	A++	49°	155	85	✓	13 192	10 528	10 441
50 004.1	28.0 W	1440 lm	A++	42°	185	95	✓	13 193	10 530	10 442

β = Half beam angle



### LED recessed ceiling downlights

for external on/off or DALI power supply units

Adjustable light distribution

Downlights with various LED outputs, half beam angles and dimensions.

Luminaires for installation in suspended ceilings. When the appropriate installation housing is used, the luminaires are suitable for installation in concrete ceilings.

The inclination angle of these LED downlights is infinitely adjustable from 0° to 30°.

The optical system can be rotated by 360° around the vertical axis of the luminaire.

An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315

Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires.

Please follow them as early as the planning phase.

If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.

Luminaire housing made of cast aluminium with white enamel finish · Safety glass

Reflector surface made of pure aluminium · Colour rendering index (CRI) > 90

The inclination angle of the reflector is adjustable from 0° to 30°.

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing.

Installation housings are accessories and must be ordered separately.

You can find the technical data in the data sheets on our website.

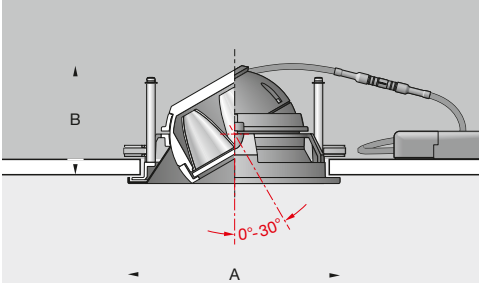
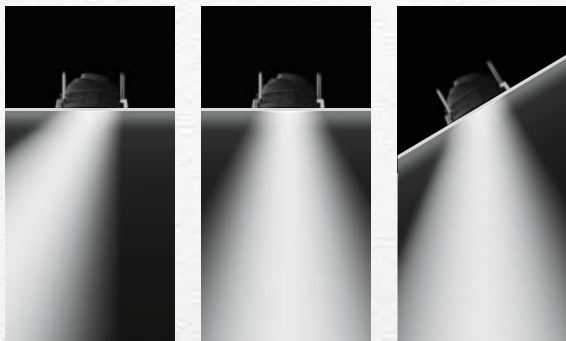
These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

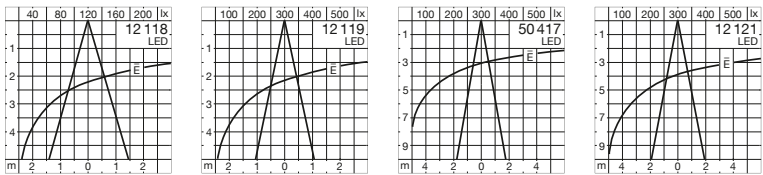
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





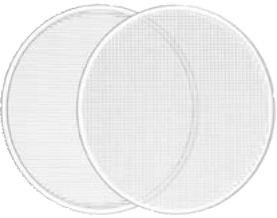
**LED recessed ceiling downlights**  
Adjustable light distribution

for external PSU	<b>on/off · DALI</b>
Colour temperature	<b>3000 K · 4000 K</b>
CRI	<b>&gt; 90</b>
Luminaire luminous flux	<b>285 - 1260 lm</b>
Luminaire Ø	<b>110 · 145 · 220 · 260 mm</b>



LED downlights with adjustable light distribution						External PSU		Exchangeable lenses		
	LED	EEC	β	A	B	AC/DC	on/off	DALI	Installation housing	
<b>12 118.1</b>	4.6 W	285 lm	A++	32°	110	85	✓	<b>13 144</b>	<b>13 169</b>	<b>10 440</b>
<b>12 119.1</b>	8.0 W	455 lm	A++	23°	145	90	✓	<b>13 144</b>	<b>13 169</b>	<b>10 441</b>
<b>50 417.1</b>	13.8 W	740 lm	A++	20°	220	130	✓	<b>13 144</b>	<b>13 169</b>	<b>10 443</b>
<b>12 121.1</b>	20.0 W	1260 lm	A++	21°	260	155	✓	<b>13 194</b>	<b>13 173</b>	<b>10 444</b>
										<b>10 042</b>
										<b>10 013</b>
										<b>10 043</b>
										<b>10 014</b>
										<b>10 047</b>
										<b>10 016</b>
										<b>10 048</b>
										<b>10 019</b>

Exchangeable lenses  Wide beam  Flat beam β = Half beam angle







#### **LED recessed ceiling downlights** for external on/off or DALI power supply units

Direct and indirect light

Tunable white luminaires with adjustable colour temperature 2700 - 6500 K

Downlights for direct and indirect light. Luminaires with hand-blown crystal glass with various LED outputs, half beam angles and dimensions for installation in suspended ceilings. When the appropriate installation housing is used, the luminaires are suitable for installation in concrete ceilings.

A focusing/diffusing lens made of crystal glass bundles the efficient light in the centre of the reflector for downward-directed light. At the same time, part of the stray light is used to illuminate the luminaire glass and to produce a degree of vertical illuminance.

The luminaires are available with fixed or variable colour temperature (tunable white).

Luminaires with fixed colour temperature can be optionally connected to an on/off power supply unit or DALI power supply unit by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315.

Suitable DALI system components can be found on Page 312.

Luminaires with variable colour temperature (tunable white) are delivered complete with an external DALI PSU.

They can be controlled by DALI colour light control (DT 8, TW). We recommend our BEGA Control system for this purpose. Suitable DALI system components can be found on Page 312.

By adjusting the colour temperature you can adapt the illumination perfectly to your lighting requirements or to the required mood. Colour temperatures of between 2,700 and 6,500K can be selected, perfectly covering the colour temperature range that is felt to be ideal.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

For matching ceiling luminaires with the same technical features, see Page 92, for matching pendant luminaires, see Page 250.

Aluminium luminaire housing · Ceiling trim ring available with a choice of 3 finishes · Crystal glass

Focusing/diffusing lens made of partially frosted crystal glass · Reflector made of pure anodised aluminium

Tunable white downlights are delivered complete with an external DALI power supply unit.

Colour rendering index (CRI) >90

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing.

Installation housings are accessories and must be ordered separately. You can find the technical data in the data sheets on our website.

These are luminaires which will impress you through the choice of colour temperature, a minimum

LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

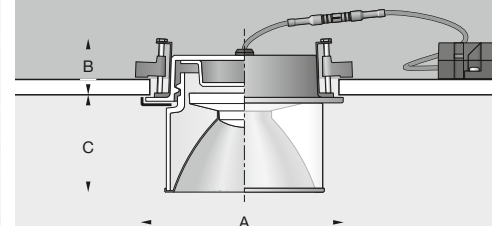
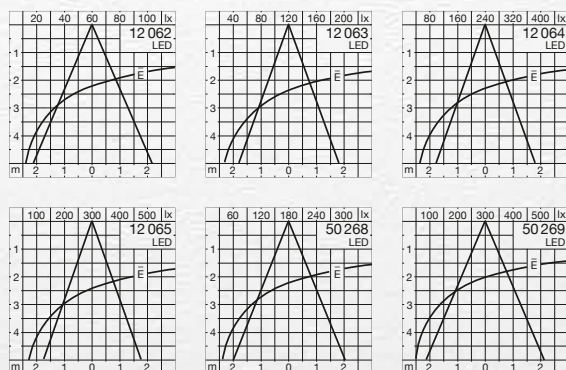
LED colour temperature tunable white luminaires adjustable 2700 - 6500 K

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



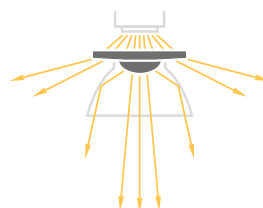




## LED recessed ceiling downlights

Direct and indirect light  
and tunable white luminaires

for external PSU	on/off · DALI
Colour temperature	3000 K · 4000 K
CRI	> 90
Tunable white	2700 - 6500 K
Luminaire luminous flux	510 - 2080 lm
Luminaire Ø	130 · 150 · 170 · 220 mm



White enamel finish · Code number .1								External PSU		Installation housing	
	LED		EEC	β	A	B	C	AC/DC	on/off		DALI
12 062.1	6.8 W	510 lm	A++	45°	130	45	60	✓	13 176	13 172	13 024
12 063.1	11.7 W	1100 lm	A++	40°	150	45	75	✓	13 176	13 203	13 025
12 064.1	16.3 W	1575 lm	A++	40°	170	45	80	✓	13 201	13 204	13 026
12 065.1	21.0 W	2080 lm	A++	38°	220	45	95	✓	13 202	13 174	13 018

White enamel finish · Code number .1 · Tunable white · 2700 - 6500 K								External PSU · Included		Installation housing
	LED		EEC	β	A	B	C	AC/DC	DALI DT 8, TW	
50 268.1	17.2 W	1300 lm	A++	44°	170	45	80	✓	DALI DT 8, TW	13 026
50 269.1	24.3 W	1700 lm	A++	46°	220	45	95	✓	DALI DT 8, TW	13 018

β = Half beam angle

Select the required finish by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Polished aluminium  
Code number .3



#### **LED recessed ceiling downlights** for external on/off or DALI power supply units

Direct and indirect light

Tunable white luminaires with adjustable colour temperature 2700 - 6500 K

Downlights with direct and indirect light. Luminaires with hand-blown opal glass with various LED outputs, half beam angles and dimensions for installation in suspended ceilings. When the appropriate installation housing is used, the luminaires are suitable for installation in concrete ceilings.

A focusing/diffusing lens made of crystal glass bundles the efficient light in the centre of the reflector for downward-directed light. At the same time, part of the stray light is used to illuminate the luminaire glass and to produce a degree of vertical illuminance.

The luminaires are available with fixed or variable colour temperature (tunable white).

Luminaires with fixed colour temperature can be optionally connected to an on/off power supply unit or DALI power supply unit by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315.

Suitable DALI system components can be found on Page 312.

Luminaires with variable colour temperature (tunable white) are delivered complete with an external DALI PSU.

They can be controlled by DALI colour light control (DT 8, TW). We recommend our BEGA Control system for this purpose. Suitable DALI system components can be found on Page 312.

By adjusting the colour temperature you can adapt the illumination perfectly to your lighting requirements or to the required mood. Colour temperatures of between 2,700 and 6,500K can be selected, perfectly covering the colour temperature range that is felt to be ideal.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

For matching ceiling luminaires with the same technical features, see Page 92, for matching pendant luminaires, see Page 250.

Aluminium luminaire housing · Ceiling trim ring available with a choice of 3 finishes · Opal glass

Focusing/diffusing lens made of partially frosted crystal glass · Reflector made of pure anodised aluminium

Tunable white downlights are delivered complete with an external DALI power supply unit.

Colour rendering index (CRI) >90

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing.

Installation housings are accessories and must be ordered separately. You can find the technical data in the data sheets on our website.

These are luminaires which will impress you through the choice of colour temperature, a minimum

LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

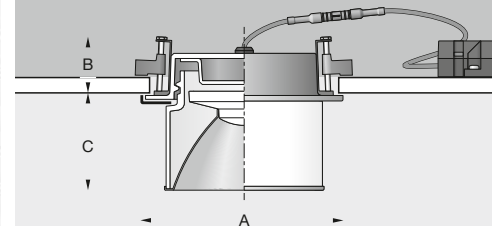
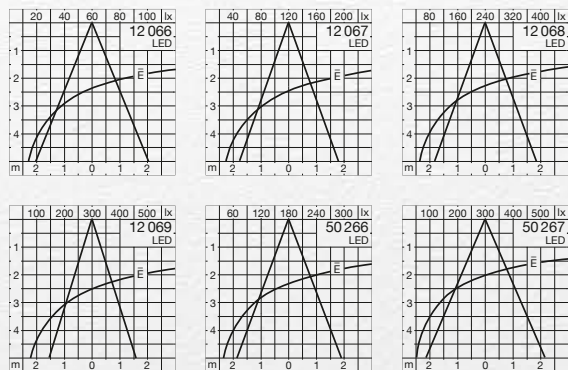
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

LED colour temperature tunable white luminaires adjustable 2700 - 6500 K

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

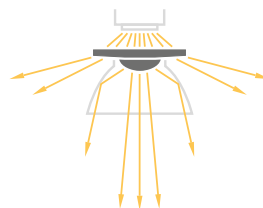




## LED recessed ceiling downlights

Direct and indirect light  
and tunable white luminaires

for external PSU	on/off · DALI
Colour temperature	3000 K · 4000 K
CRI	> 90
Tunable white	2700 - 6500 K
Luminaire luminous flux	480 - 1980 lm
Luminaire Ø	130 · 150 · 170 · 220 mm



White enamel finish · Code number .1									External PSU		Installation housing
	LED		EEC	β	A	B	C	AC/DC	On/off	DALI	
12 066.1	6.8 W	480 lm	A++	45°	130	45	60	✓	13 176	13 172	13 024
12 067.1	11.7 W	980 lm	A++	40°	150	45	75	✓	13 176	13 203	13 025
12 068.1	16.3 W	1450 lm	A++	40°	170	45	80	✓	13 201	13 204	13 026
12 069.1	21.0 W	1980 lm	A++	35°	220	45	95	✓	13 202	13 174	13 018

White enamel finish · Code number .1 · Tunable white · 2700 - 6500 K											Installation housing
	LED		EEC	β	A	B	C	AC/DC	External PSU · Included		
50 266.1	17.2 W	1190 lm	A++	41°	170	45	80	✓	DALI DT 8, TW		13 026
50 267.1	24.3 W	1640 lm	A++	47°	220	45	95	✓	DALI DT 8, TW		13 018

β = Half beam angle

Select the required finish by  
changing the code number.



White enamel finish  
Code number .1

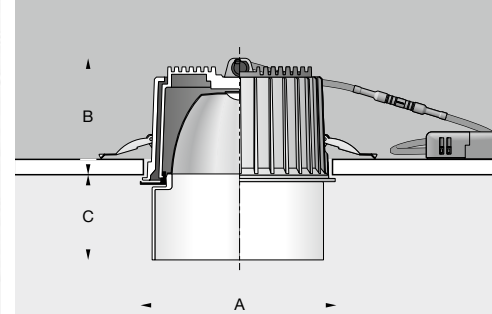


S/steel · Code number .2



Polished aluminium  
Code number .3





### LED recessed ceiling downlights

Direct and indirect light

for external PSU	on/off · DALI
Colour temperature	3000 K · 4000 K
CRI	> 90
Luminaire luminous flux	920 · 2040 lm
Luminaire Ø	145 · 205 mm

### LED recessed ceiling downlights

for external on/off or DALI power supply units  
Direct and indirect light

Downlights for direct and indirect light. Luminaires with hand-blown opal glass with various LED outputs and dimensions for installation in suspended ceilings.

The efficient LED light in the centre of the integral reflector provides downward-directed light. At the same time, part of the stray light is used to illuminate the luminaire glass and to produce a degree of vertical illuminance. This dual light distribution lends this series of luminaires a very pleasant, high degree of visual comfort. An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315 · For technical data of DALI system components, see Page 312. The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.

For matching ceiling luminaires with the same technical features, see Page 90, for matching pendant luminaires, see Page 264.

Luminaire housing made of cast aluminium · Ceiling trim ring available with a choice of 2 finishes

Ceiling installation housing made of synthetic material · Satin matt opal glass

Reflector made of pure anodised aluminium · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum

LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

LED downlights · White enamel finish · Code number .1									External PSU	
	LED		EEC	β	A	B	C	AC/DC	on/off	DALI
<b>50 696.1</b>	9.7 W	920 lm	A++	45°	145	95	60	✓	<b>13 143</b>	<b>13 168</b>
<b>50 698.1</b>	20.0 W	2040 lm	A++	43°	205	130	85	✓	<b>13 144</b>	<b>13 170</b>

β = Half beam angle



Select the required finish by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2





•100•



•140•



•175•

#### LED recessed ceiling downlights

for external on/off or DALI power supply units

LED recessed ceiling downlights with various LED outputs, half beam angles and dimensions for installation in suspended ceilings.  
Luminaires with symmetrical narrow beam, symmetrical wide beam and asymmetrical wide beam light distribution.

An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately.  
For technical data, see Page 315.

Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires.  
Please follow them as early as the planning phase.

If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.  
For matching ceiling luminaires with the same technical features, see Page 98.

Aluminium luminaire housing · Ceiling trim frame available with a choice of 3 finishes  
Safety glass · Reflector surface made of pure aluminium · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

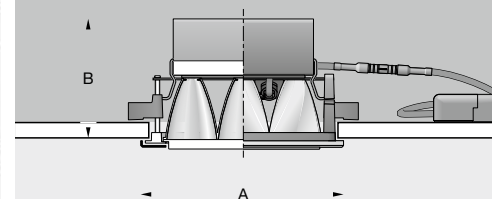
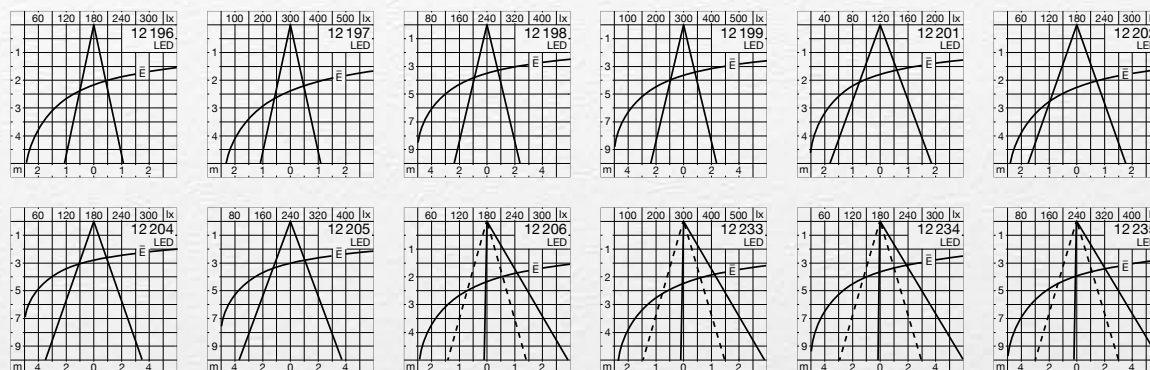
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

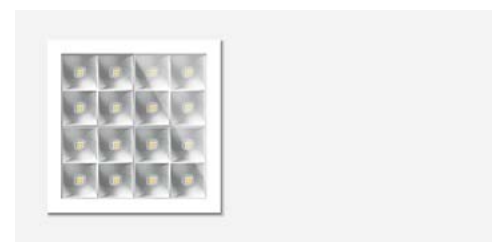









## LED recessed ceiling downlights

for external PSU	on/off · DALI
Colour temperature	3000 K · 4000 K
CRI	> 90
Luminaire luminous flux	290 - 2000 lm
Luminaire	□ 100 · 140 · 175 mm



Narrow beam · White enamel finish · Code number .1								External PSU	
	LED	EEC	β	A	B	AC/DC		on/off	DALI
	<b>12 196.1</b>	4.3 W	290 lm	A++	24°	100 90	✓	<b>13 144</b>	<b>13 169</b>
	<b>12 197.1</b>	10.6 W	580 lm	A++	25°	100 90	✓	<b>13 144</b>	<b>13 169</b>
	<b>12 198.1</b>	17.0 W	1085 lm	A++	25°	140 90	✓	<b>13 196</b>	<b>13 197</b>
	<b>12 199.1</b>	28.0 W	1630 lm	A++	27°	175 100	✓	<b>13 145</b>	<b>13 171</b>
Wide beam · White enamel finish · Code number .1								External PSU	
	LED	EEC	β	A	B	AC/DC		on/off	DALI
	<b>12 201.1</b>	4.3 W	345 lm	A++	38°	100 75	✓	<b>13 144</b>	<b>13 169</b>
	<b>12 202.1</b>	10.6 W	745 lm	A++	38°	100 75	✓	<b>13 144</b>	<b>13 169</b>
	<b>12 204.1</b>	17.0 W	1165 lm	A++	38°	140 75	✓	<b>13 196</b>	<b>13 197</b>
	<b>12 205.1</b>	28.0 W	2000 lm	A++	41°	175 80	✓	<b>13 145</b>	<b>13 171</b>
Asymmetrical · White enamel finish · Code number .1								External PSU	
	LED	EEC	β	A	B	AC/DC		on/off	DALI
	<b>12 206.1</b>	4.3 W	320 lm	A++	30/30°	100 90	✓	<b>13 144</b>	<b>13 169</b>
	<b>12 233.1</b>	10.6 W	645 lm	A++	30/30°	100 90	✓	<b>13 144</b>	<b>13 169</b>
	<b>12 234.1</b>	17.0 W	1110 lm	A++	30/30°	140 90	✓	<b>13 196</b>	<b>13 197</b>
	<b>12 235.1</b>	28.0 W	1740 lm	A++	30/30°	175 100	✓	<b>13 145</b>	<b>13 171</b>

β = Half beam angle

Select the required finish by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Polished aluminium  
Code number .3



PRIMA

**LED recessed ceiling downlights**

Complete with external on/off power supply units

Luminaires in the PRIMA series are designed for all applications requiring reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile — of course with durable BEGA LED technology.

Luminaires with various LED outputs and dimensions for installation in suspended ceilings. With symmetrical wide beam and asymmetrical wide beam light distribution.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

Luminaire housing made of cast aluminium · White enamel finish

Reflector surface made of pure aluminium · Colour rendering index (CRI) > 90

External on/off power supply unit included

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

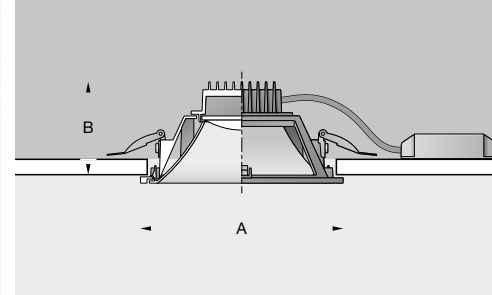
LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

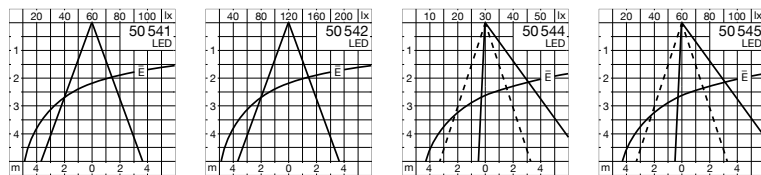
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.







PRIMA  
LED recessed ceiling downlights

External PSU included	on/off
Colour temperature	3000 K · 4000 K
CRI	> 90
Luminaire luminous flux	710 · 1460 lm
Luminaire □	155 · 180 mm



	LED downlights · symmetrical wide beam						External PSU
	LED		EEC	A	B	on/off	
50 541.1	8.5 W	715 lm	A++	155	80	Included	
50 542.1	16.6 W	1460 lm	A++	180	90	Included	

	LED downlights · asymmetrical wide beam						External PSU
	LED		EEC	A	B	on/off	
50 544.1	8.5 W	710 lm	A++	155	80	Included	
50 545.1	16.6 W	1455 lm	A++	180	90	Included	



PRIMA

**LED recessed ceiling downlights**

Complete with external on/off power supply units

Luminaires in the PRIMA series are designed for all applications requiring reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile — of course with durable BEGA LED technology.

Luminaires with various LED outputs and dimensions for installation in suspended ceilings. With symmetrical wide beam and asymmetrical wide beam light distribution.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

Luminaire housing made of cast aluminium · White enamel finish

Reflector surface made of pure aluminium · Colour rendering index (CRI) > 90

External on/off power supply unit included

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

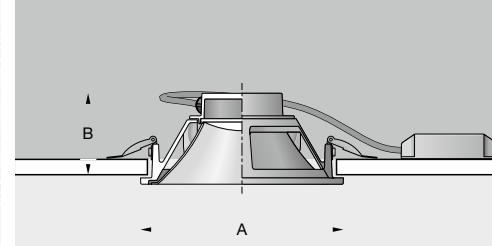
LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

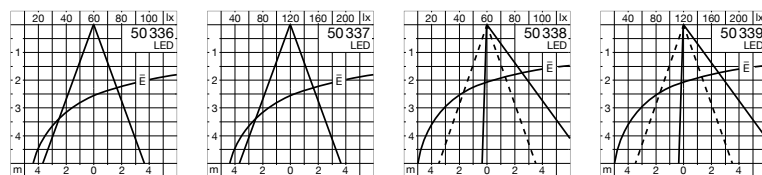
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





PRIMA  
LED recessed ceiling downlights

External PSU included	on/off
Colour temperature	3000 K · 4000 K
CRI	> 90
Luminaire luminous flux	965 - 1980 lm
Luminaire Ø	180 · 235 mm



LED downlights · symmetrical wide beam					External PSU	
	LED		EEC	A	B	on/off
50 336.1	10.8 W	965 lm	A++	180	90	Included
50 337.1	21.0 W	1980 lm	A++	235	110	Included



LED downlights · asymmetrical wide beam					External PSU	
	LED		EEC	A	B	on/off
50 338.1	10.8 W	965 lm	A++	180	90	Included
50 339.1	21.0 W	1970 lm	A++	235	110	Included





**LED recessed ceiling luminaires** for external on/off or DALI power supply units  
 Tunable white luminaires with adjustable colour temperature 2700 - 6500 K  
 Unshielded luminaires

Unshielded LED recessed ceiling luminaires with various LED outputs and dimensions for installation in suspended ceilings. When the appropriate installation housing is used, the luminaires are also suitable for installation in concrete ceilings. These luminaires are characterised by the soft, uniform light produced by their hand-blown, three-ply opal glass with a concave interior surface.

The luminaires are available with fixed or variable colour temperature (tunable white).

Luminaires with fixed colour temperature can be optionally connected to an on/off power supply unit or DALI power supply unit by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315 · Suitable DALI system components can be found on Page 312.

Luminaires with variable colour temperature (tunable white) are delivered complete with an external DALI power supply unit. They can be controlled by DALI colour light control (DT 8, TW). We recommend our BEGA Control system for this purpose. Suitable DALI system components can be found on Page 312.

By adjusting the colour temperature you can adapt the illumination perfectly to your lighting requirements or to the required mood. Colour temperatures of between 2,700 and 6,500 K can be selected, perfectly covering the colour temperature range that is felt to be ideal.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

Aluminium luminaire housing · Satin matt opal glass · Colour rendering index (CRI) > 90

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing. Installation housings are accessories and must be ordered separately. You can find the technical data in the data sheets on our website.

For matching surface-mounted ceiling luminaires, see Page 96, for matching pendant luminaires, see Page 252.

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

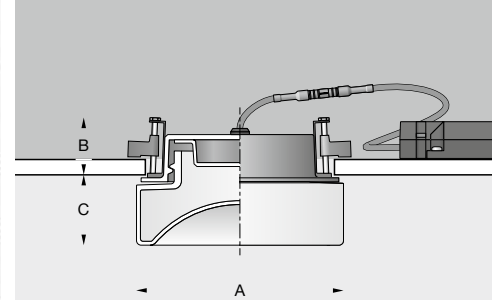
LED colour temperature tunable white luminaires adjustable 2700 - 6500 K

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

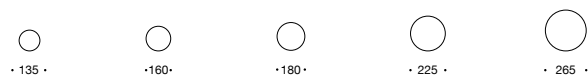






**LED recessed ceiling luminaires**  
Tunable white luminaires

for external PSU	on/off · DALI
Colour temperature	3000 K · 4000 K
CRI	> 90
Tunable white	2700 - 6500 K
Luminaire luminous flux	545 - 3355 lm
Luminaire Ø	135 · 160 · 180 · 225 · 265 mm



Opal glass										External PSU	
LED			EEC	A	B	C	AC/DC	on/off	DALI	Installation housing	
34 560	6.8 W	545 lm	A++	135	45	45	✓	13 176	13 172	13 024	
34 562	11.7 W	1020 lm	A++	160	45	50	✓	13 176	13 203	13 025	
34 859	16.3 W	1515 lm	A++	180	45	60	✓	13 201	13 204	13 026	
34 864	21.0 W	1800 lm	A++	225	45	70	✓	13 202	13 174	13 018	
50 177	42.0 W	3355 lm	A++	265	60	75	✓	13 194	13 195	13 028	

Opal glass · Tunable white · 2700 - 6500 K											
LED			EEC	A	B	C	AC/DC	External PSU · Included		Installation housing	
50 270	17.2 W	1200 lm	A++	180	45	60	✓	DALI DT 8, TW		13 026	
50 271	24.3 W	1485 lm	A++	225	45	70	✓	DALI DT 8, TW		13 018	
50 195	34.0 W	2185 lm	A++	265	60	75	✓	DALI DT 8, TW		13 028	



Ceiling luminaires · Page 96



Pendant luminaires · Page 252



**LED recessed ceiling and wall luminaires** for external on/off or DALI power supply units  
Unshielded luminaires

LED luminaires in various sizes with satin matt hand-blown opal glass for installation in suspended ceilings. When the appropriate installation housing is used, the luminaires are also suitable for installation in concrete ceilings.

The perfectly shaped sphere is probably one of the most important of all design elements. As a basic geometric shape, it always has a calming and positive effect. Timeless beauty – purity and perfection. Classic luminaires for a host of lighting applications in continuance of a long tradition.

An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315. Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.

Aluminium luminaire housing · Satin matt opal glass · Colour rendering index (CRI) > 90

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing. Installation housings are accessories and must be ordered separately. You can find the technical data in the data sheets on our website.

For matching ceiling and wall luminaires, see Page 134, for matching pendant luminaires, see Pages 258 to 261.

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

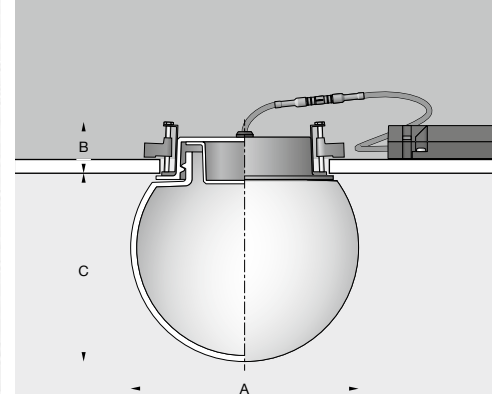
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

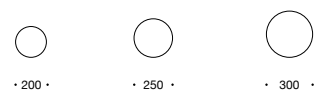






**LED recessed ceiling  
and wall luminaires**

for external PSU	<b>on/off · DALI</b>
Colour temperature	<b>3000 K · 4000 K</b>
CRI	<b>&gt; 90</b>
Luminaire luminous flux	<b>775 - 1590 lm</b>
Luminaire Ø	<b>200 · 250 · 300 mm</b>



Opal glass							External PSU		Installation housing	
	LED		EEC	A	B	C	AC/DC	on/off		DALI
50634	9.7 W	775 lm	A++	200	45	180	✓	13 206	13 207	13 024
50635	11.7 W	1150 lm	A++	250	50	225	✓	13 176	13 203	13 025
50636	16.3 W	1590 lm	A++	300	60	275	✓	13 206	13 204	13 026



For ceiling and wall luminaires,  
see Page 134.



For pendant luminaires,  
see Page 258.



**LED recessed ceiling and wall luminaires** for external on/off or DALI power supply units  
Tunable white luminaires with adjustable colour temperature 2700 - 6500 K

LED recessed ceiling and wall luminaires in various outputs and sizes for installation in suspended ceilings. When the appropriate installation housing is used, the luminaires are also suitable for installation in concrete ceilings.

Together with the installation surface, the hand-blown three-ply opal glass forms practically one plane and distributes the light uniformly in the room. These almost flush-mounted recessed luminaires enable a calm and harmonious surface design for walls and ceilings and achieve high degrees of illuminance. In the illuminated state, this results in an interesting contrast between the luminaire and mounting surface.

The luminaires are available with fixed or variable colour temperature (tunable white).

Luminaires with fixed colour temperature can be optionally connected to an on/off power supply unit or DALI power supply unit by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315.

Suitable DALI system components can be found on Page 312.

Luminaires with variable colour temperature (tunable white) are delivered complete with an external DALI power supply unit. They can be controlled by DALI colour light control (DT 8, TW).

We recommend our BEGA Control system for this purpose.

Suitable DALI system components can be found on Page 312.

By adjusting the colour temperature you can adapt the illumination perfectly to your lighting requirements or to the required mood. Colour temperatures of between 2,700 and 6,500 K can be selected, perfectly covering the colour temperature range that is felt to be ideal.

The required installation depths can be found in the instructions for use for these luminaires.

Please follow them as early as the planning phase.

Aluminium luminaire housing · Ceiling trim ring available with a choice of 2 finishes  
Satin matt opal glass · Colour rendering index (CRI) >90

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing. Installation housings are accessories and must be ordered separately.

You can find the technical data in the data sheets on our website.

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

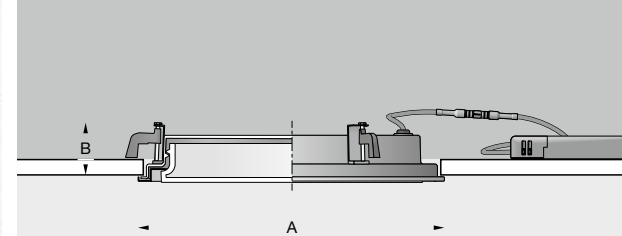
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

LED colour temperature tunable white luminaires adjustable 2700 - 6500 K

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

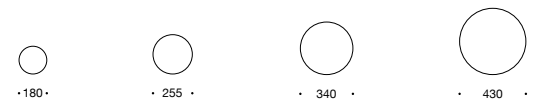




# **LED recessed ceiling and wall luminaires**

Tunable white luminaires

for external power supply units	on/off · DALI
Colour temperature	3000 K · 4000 K
CRI	> 90
Tunable white	2700 - 6500 K
Luminaire luminous flux	460 - 2875 lm
Luminaire Ø	180 · 255 · 340 · 430 mm



White enamel finish · Code number .1							External PSU		Installation housing
	LED		EEC	A	B	AC/DC	on/off	DALI	
50 523.1	11.0 W	600 lm	A++	180	60	✓	13 176	13 172	13 027
50 524.1	21.0 W	1265 lm	A++	255	60	✓	13 177	13 173	13 028
50 525.1	32.0 W	2030 lm	A++	340	60	✓	13 178	13 174	13 029
50 526.1	49.0 W	2875 lm	A++	430	60	✓	13 179	13 175	13 030

White enamel finish · Code number .1 · Tunable white · 2700K-6500K							Installation housing	
	LED		EEC	A	B	AC/DC		External PSU · Included
50 289.1	9.8 W	460 lm	A++	180	60	✓	DALI DT8, TW	13 027
50 290.1	21.0 W	1080 lm	A++	255	60	✓	DALI DT8, TW	13 028
50 291.1	32.0 W	2020 lm	A++	340	60	✓	DALI DT8, TW	13 029
50 292.1	37.5 W	2610 lm	A++	430	60	✓	DALI DT8, TW	13 030

Select the required finish of the luminaire housing by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



**LED recessed ceiling and wall luminaires** for external on/off or DALI power supply units  
Tunable white luminaires with adjustable colour temperature 2700 - 6500 K

LED recessed ceiling and wall luminaires in various outputs and sizes for installation in suspended ceilings. When the appropriate installation housing is used, the luminaires are also suitable for installation in concrete ceilings.

We supply these luminaires optionally with hand-blown three-ply opal glass in satin matt finish or as crystal opal glass with shiny crystal glass edges.

The luminaire glass covers the recessed opening, and with its very shallow projection it seems to hover while uniformly illuminating the room and the installation surface.

The luminaires are available with fixed or variable colour temperature (tunable white).

Luminaires with fixed colour temperature can be optionally connected to an on/off power supply unit or DALI power supply unit by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315.

Luminaires with variable colour temperature (tunable white) are delivered complete with an external DALI power supply unit. They can be controlled by DALI colour light control (DT 8, TW). We recommend our BEGA Control system for this purpose.

Suitable DALI system components can be found on Page 312.

By adjusting the colour temperature you can adapt the illumination perfectly to your lighting requirements or to the required mood. Colour temperatures of between 2,700 and 6,500 K can be selected, perfectly covering the colour temperature range that is felt to be ideal.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

Aluminium luminaire housing · Satin matt opal glass or crystal opal glass  
Colour rendering index (CRI) >90

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing. Installation housings are accessories and must be ordered separately. You can find the technical data in the data sheets on our website.

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

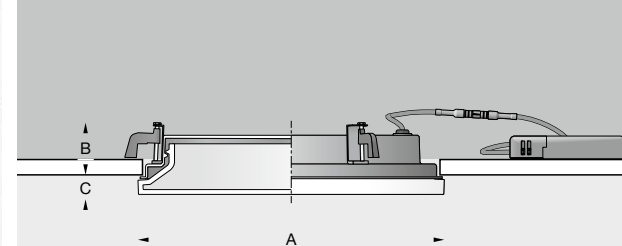
LED colour temperature tunable white luminaires adjustable 2700 - 6500 K

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.







# LED recessed ceiling and wall luminaires Tunable white luminaires

for external power supply units **on/off** · **DALI**

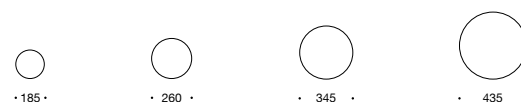
Colour temperature **3000 K · 4000 K**

CRI **> 90**

Tunable white **2700 - 6500 K**

Luminaire luminous flux **590 - 3150 lm**

Luminaire Ø **185 · 260 · 345 · 435 mm**



Opal glass							External PSU		Installation housing
LED	EEC	A	B	C	AC/DC		on/off	DALI	
<b>50 527</b>	11.0 W 715 lm	A++	185	60	20	✓	<b>13 176</b>	<b>13 172</b>	<b>13 027</b>
<b>50 528</b>	21.0 W 1450 lm	A++	260	60	20	✓	<b>13 177</b>	<b>13 173</b>	<b>13 028</b>
<b>50 529</b>	32.0 W 2135 lm	A++	345	60	25	✓	<b>13 178</b>	<b>13 174</b>	<b>13 029</b>
<b>50 530</b>	49.0 W 3150 lm	A++	435	60	30	✓	<b>13 179</b>	<b>13 175</b>	<b>13 030</b>

Opal glass · Tunable white · 2700 - 6500 K									Installation housing
	LED		EEC	A	B	C	AC/DC	External PSU · Included	
50 293	9.8 W	590 lm	A++	185	60	20	✓	DALI DT 8, TW	13 027
50 294	21.0 W	1230 lm	A++	260	60	20	✓	DALI DT 8, TW	13 028
50 295	32.0 W	2120 lm	A++	345	60	25	✓	DALI DT 8, TW	13 029
50 296	37.5 W	2455 lm	A++	435	60	30	✓	DALI DT 8, TW	13 030

Crystal opal glass							External PSU		Installation housing
LED	EEC	A	B	C	AC/DC		on/off	DALI	
<b>50 531</b>	21.0 W 1550 lm	A++	260	60	25	✓	<b>13 177</b>	<b>13 173</b>	<b>13 028</b>
<b>50 532</b>	32.0 W 1960 lm	A++	345	60	30	✓	<b>13 178</b>	<b>13 174</b>	<b>13 029</b>
<b>50 533</b>	49.0 W 2690 lm	A++	435	60	35	✓	<b>13 179</b>	<b>13 175</b>	<b>13 030</b>

Crystal opal glass · Tunable white · 2700 - 6500 K									Installation housing
	LED		EEC	A	B	C	AC/DC	External PSU · Included	
50 297	21.0 W	1325 lm	A++	260	60	25	✓	DALI DT 8, TW	13 028
50 298	32.0 W	1945 lm	A++	345	60	30	✓	DALI DT 8, TW	13 029
50 299	37.5 W	2355 lm	A++	435	60	35	✓	DALI DT 8, TW	13 030



Opal glass

Crystal opal glass



**LED recessed ceiling and wall luminaires** for external on/off or DALI power supply units  
 Tunable white luminaires with adjustable colour temperature 2700 - 6500 K  
 Unshielded luminaires

LED recessed ceiling and wall luminaires in various outputs and sizes for installation in suspended ceilings. When the appropriate installation housing is used, the luminaires are also suitable for installation in concrete ceilings.

Luminaires with hand-blown, three-ply opal glass with satin matt finish.

The luminaire glass covers the recessed opening and seems to hover while uniformly illuminating the room and the installation surface.

The luminaires are available with fixed or variable colour temperature (tunable white).

Luminaires with fixed colour temperature can be optionally connected to an on/off power supply unit or DALI power supply unit by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315.

Luminaires with variable colour temperature (tunable white) are delivered complete with an external DALI power supply unit. They can be controlled by DALI colour light control (DT 8, TW).

We recommend our BEGA Control system for this purpose.

Suitable DALI system components can be found on Page 312.

By adjusting the colour temperature you can adapt the illumination perfectly to your lighting requirements or to the required mood. Colour temperatures of between 2,700 and 6,500 K can be selected, perfectly covering the colour temperature range that is felt to be ideal.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

Aluminium luminaire housing · Satin matt opal glass · Colour rendering index (CRI) > 90

When making the recessed opening in concrete ceilings, it is advisable to use an installation housing. Installation housings are accessories and must be ordered separately. You can find the technical data in the data sheets on our website.

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

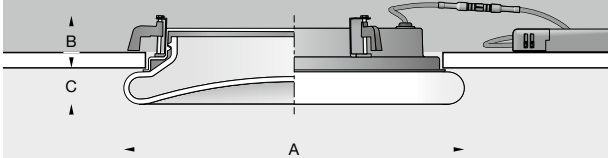
LED colour temperature tunable white luminaires adjustable 2700 - 6500 K

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.







**LED recessed ceiling and wall luminaires**  
Tunable white luminaires

for external power supply units **on/off · DALI**

Colour temperature	<b>3000 K · 4000 K</b>
CRI	<b>&gt; 90</b>
Tunable white	<b>2700 - 6500 K</b>
Luminaire luminous flux	<b>595 - 3250 lm</b>
Luminaire Ø	<b>210 · 290 · 380 · 470 mm</b>



The luminaires can be installed in ceilings as well as in walls.

Opal glass								External PSU		Installation housing	
LED			EEC	A	B	C	AC/DC	on/off	DALI		
50 170	11.0 W	785 lm	A++	210	60	30	✓	13 176	13 172		13 027
50 171	21.0 W	1875 lm	A++	290	60	35	✓	13 177	13 173		13 028
50 172	32.0 W	1915 lm	A++	380	60	40	✓	13 178	13 174		13 029
50 680	49.0 W	3250 lm	A++	470	60	40	✓	13 179	13 175		13 030
Opal glass · Tunable white · 2700 - 6500 K										Installation housing	
LED			EEC	A	B	C	AC/DC	External PSU · Included			
50 202	9.8 W	595 lm	A++	210	60	30	✓	DALI DT 8, TW			13 027
50 203	21.0 W	1600 lm	A++	290	60	35	✓	DALI DT 8, TW			13 028
50 204	32.0 W	1900 lm	A++	380	60	40	✓	DALI DT 8, TW			13 029
50 205	37.5 W	2540 lm	A++	470	60	40	✓	DALI DT 8, TW			13 030



#### ACCENTA PLUS

**LED recessed ceiling downlights** for external on/off or DALI power supply units  
Recessed opening 68 mm

ACCENTA PLUS – small, compact and very efficient. These downlights are available with two light outputs and two light distributions. Information about relevant half beam angles are listed in the table. Combination with ceiling trim rings in four different materials enables perfect coordination with all kinds of structural details.

Downlights are often integrated in light and building control systems. ACCENTA PLUS is ideally equipped for these requirements.

An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315.

Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

ACCENTA recessed ceiling luminaires are suitable for planning assignments in private homes, shops or hotels and wherever representative, brilliant luminaires with efficient LED technology are requested.

Luminaire housing made of cast aluminium

Ceiling trim ring available with a choice of 4 finishes

Safety glass · Reflector made of pure anodised aluminium

Colour rendering index (CRI) >90

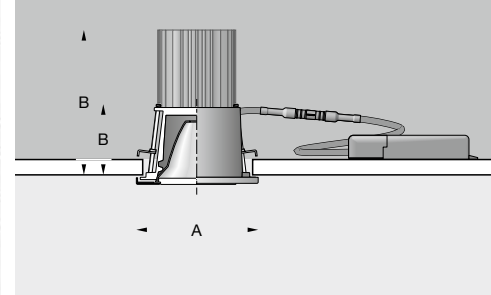
These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature: 3000 K – article number + **K3** or 2700 K – article number + **K2**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





ACCENTA PLUS

LED recessed ceiling downlights

for external PSU	on/off · DALI
Colour temperature	2700 K · 3000 K
CRI	> 90
Luminaire luminous flux	485 - 795 lm
Luminaire Ø	80 mm



Narrow beam · White ceiling trim ring · Code number .1								External PSU	
	LED		EEC	β	A	B	AC/DC	on/off	DALI
12 144.1	8.0 W	485 lm	A++	15°	80	48	✓	13 198	13 199
34 984.1	14.5 W	785 lm	A++	15°	80	100	✓	13 144	13 169

Wide beam · White ceiling trim ring · Code number .1								External PSU	
	LED		EEC	β	A	B	AC/DC	on/off	DALI
12 145.1	8.0 W	515 lm	A++	56°	80	48	✓	13 198	13 199
34 985.1	14.5 W	795 lm	A++	58°	80	100	✓	13 144	13 169

β = Half beam angle

Select the required finish by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Polished stainless steel  
Code number .3



Brass · Code number .4





#### ACCENTA and ACCENTA PURE

**LED recessed ceiling luminaires** complete with external on/off or DALI power supply units  
Recessed opening 68 mm

The luminaires belong to our ACCENTA range of recessed ceiling luminaires. They are small and compact luminaires with high-grade LED technology for installation in suspended ceilings with 68 mm ceiling cutouts. High-quality crystal glass and reflectors for creating efficient and brilliant light.

Combination with ceiling trim rings in four different materials enables perfect coordination with all kinds of structural details.

The ACCENTA PURE luminaires without ceiling trim ring complete the range.

On account of their good luminous efficiency, these luminaires are suitable not only for improving the efficiency of existing systems but also for planning new installations in particular.

Optionally complete with on/off power supply unit or DALI power supply unit. If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.

Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

ACCENTA recessed ceiling luminaires are suitable for planning assignments in private homes, shops or hotels and wherever representative, brilliant luminaires with efficient LED technology are requested.

Luminaire housing made of cast aluminium · Ceiling trim ring available with a choice of 4 finishes

Partially frosted crystal glass · Reflector made of pure anodised aluminium

Luminaires optionally with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

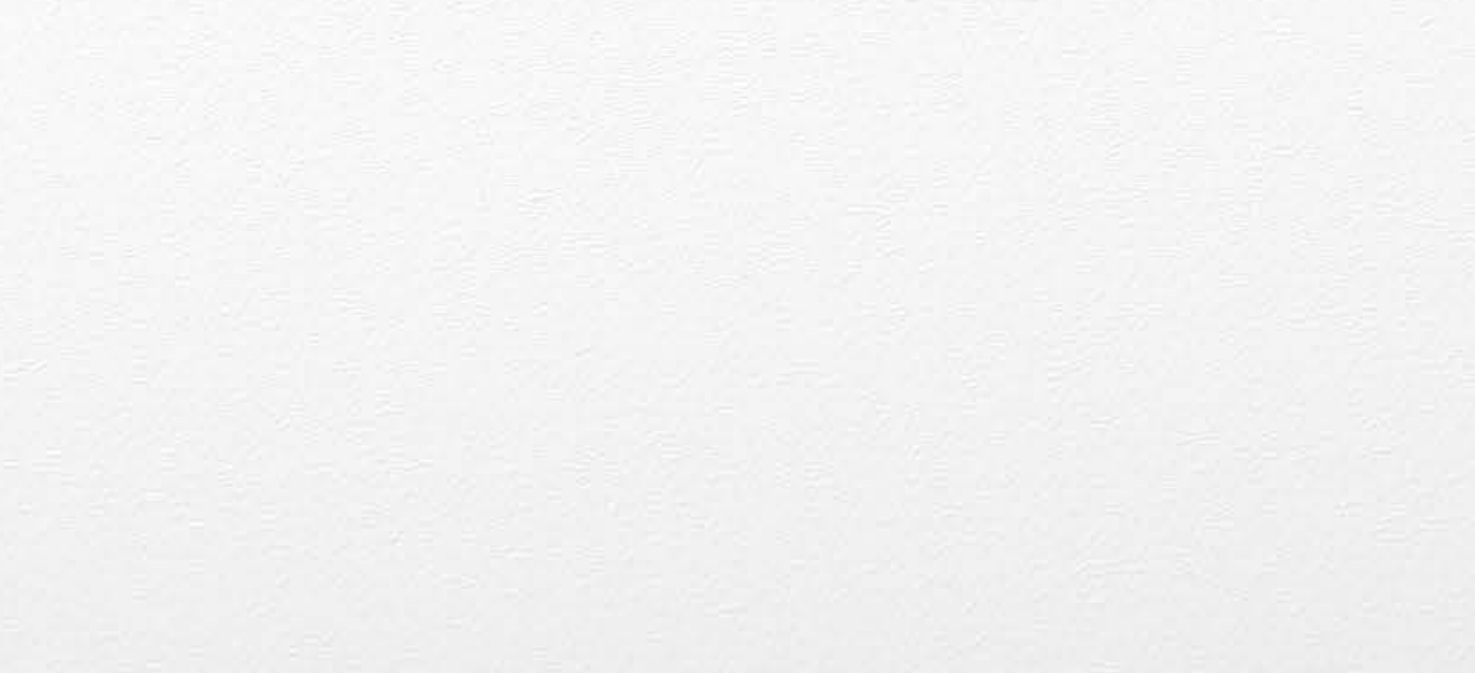
LED colour temperature: 3000 K – article number + **K3** or 2700 K – article number + **K2**

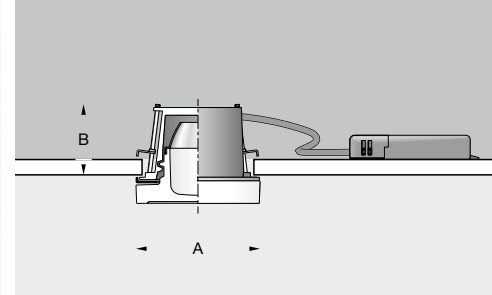
The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.









ACCENTA  
LED recessed ceiling luminaires

External PSU included	on/off · DALI
Colour temperature	2700 K · 3000 K
CRI	> 90
Luminaire luminous flux	640 lm
Luminaire Ø	80 mm



ACCENTA · White ceiling trim ring · Code number .1

	LED	PSU	EEC	A	B	AC/DC
50 710.1	10.2 W 640 lm	on/off	A++	80	48	✓
50 711.1	10.2 W 640 lm	DALI	A++	80	48	✓



ACCENTA PURE

	LED	PSU	EEC	A	B	AC/DC
50 591	10.2 W 640 lm	on/off	A++	80	48	✓
50 593	10.2 W 640 lm	DALI	A++	80	48	✓

Select the required finish by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Polished stainless steel  
Code number .3



Brass · Code number .4



#### ACCENTA

**LED recessed ceiling luminaires** complete with external on/off or DALI power supply units  
 Unshielded luminaires  
 Recessed opening 68 mm

The luminaires belong to our ACCENTA range of recessed ceiling luminaires. They are small and compact luminaires with high-grade LED technology for installation in suspended ceilings with 68 mm ceiling cutouts. Combination with ceiling trim rings in four different materials enables perfect coordination with all kinds of structural details. On account of their good luminous efficiency, these luminaires are suitable not only for improving the efficiency of existing systems but also for planning new installations in particular. Optionally complete with on/off power supply unit or DALI power supply unit. If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system. Suitable DALI system components can be found on Page 312. The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

ACCENTA recessed ceiling luminaires are suitable for planning assignments in private homes, shops or hotels and wherever representative, brilliant luminaires with efficient LED technology are requested.

Luminaire housing made of cast aluminium  
 Ceiling trim ring available with a choice of 4 finishes · Satin matt opal glass  
 Luminaires optionally with on/off power supply unit or DALI controllable power supply unit  
 Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

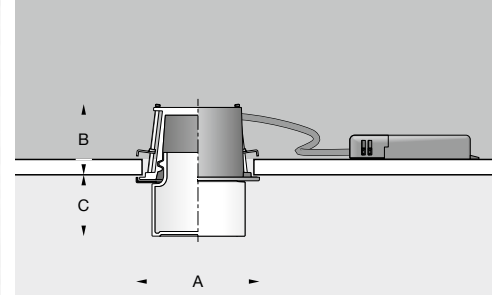
LED colour temperature: 3000 K – article number + **K3** or 2700 K – article number + **K2**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.







ACCENTA

**LED recessed ceiling luminaires**

External PSU included	<b>on/off · DALI</b>
Colour temperature	<b>2700 K · 3000 K</b>
CRI	<b>&gt; 90</b>
Luminaire luminous flux	<b>590 lm</b>
Luminaire Ø	<b>80 mm</b>



Select the required finish by changing the code number.



White enamel finish  
Code number **.1**



S/steel · Code number **.2**



Polished stainless steel  
Code number **.3**



Brass · Code number **.4**

White ceiling trim ring · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
<b>50 716.1</b>	7.2 W	590 lm	on/off	A++	80	48	40	✓
<b>50 717.1</b>	7.2 W	590 lm	DALI	A++	80	48	40	✓



#### ACCENTA VARIO

**LED recessed ceiling luminaires** complete with external on/off or DALI power supply units

Adjustable light distribution

Recessed opening 95 mm

The luminaires on this double page belong to our ACCENTA range of recessed ceiling luminaires. They are small and compact luminaires with high-grade LED technology for installation in suspended ceilings.

ACCENTA VARIO has light outputs to match the luminaires on Page 56, but requires a recessed opening with a diameter of 95 mm. High-quality crystal glass and reflectors for creating efficient and brilliant light.

Combination with ceiling trim rings in four different materials enables perfect coordination with all kinds of structural details.

On account of their good luminous efficiency, these luminaires are suitable not only for improving the efficiency of existing systems but also for planning new installations in particular.

Optionally complete with on/off power supply unit or DALI power supply unit. If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.

Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires.

Please follow them as early as the planning phase.

ACCENTA recessed ceiling luminaires are suitable for planning assignments in private homes, shops or hotels and wherever representative, brilliant luminaires with efficient LED technology are requested.

Luminaire housing made of cast aluminium · Ceiling trim ring available with a choice of 4 finishes

Partially frosted crystal glass · Reflector made of pure anodised aluminium

Luminaires optionally with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

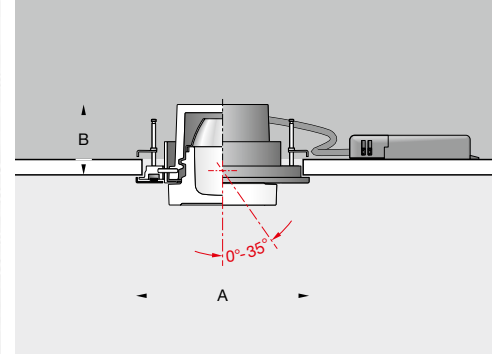
LED colour temperature: 3000 K – article number + **K3** or 2700 K – article number + **K2**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.







ACCENTA VARIO

**LED recessed ceiling luminaires**

External PSU included	<b>on/off · DALI</b>
Colour temperature	<b>2700 K · 3000 K</b>
CRI	<b>&gt; 90</b>
Luminaire luminous flux	<b>640 lm</b>
Luminaire Ø	<b>105 mm</b>



Select the required finish by changing the code number.



White enamel finish  
Code number **.1**



S/steel · Code number **.2**



Polished stainless steel  
Code number **.3**



Brass · Code number **.4**

White ceiling trim ring · Code number <b>.1</b>						
	LED		PSU	EEC	A	B
<b>50 713.1</b>	10.2 W	640 lm	on/off	A++	105	55
<b>50 714.1</b>	10.2 W	640 lm	DALI	A++	105	55



#### STUDIO LINE

##### **LED recessed ceiling downlights**

for external on/off or DALI power supply units

Flush-mounting installation

These LED recessed ceiling downlights belong to our STUDIO LINE luminaire series and are designed for flush-mounting installation in suspended plasterboard ceilings. These luminaires with integral reflectors combine our economical and reliable LED technology with various metal finishes for a fascinating effect. The luminaires are available with a choice of three interior colours. You can choose from aluminium, copper or brass to match your interior decoration. Particularly when illuminated, the metallic interior colours reveal all their beauty. An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately.

For technical data, see Page 315.

Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires.

Please follow them as early as the planning phase.

If these luminaires are to be integrated into an LCN or Zigbee-controlled building management system, we recommend our BEGA Control light control system.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Luminaire housing made of cast aluminium

Ceiling recessed housing made of synthetic material

Trim ring in velvet black or velvet white

Interior colour available with a choice of 3 finishes · Colour rendering index (CRI) > 90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

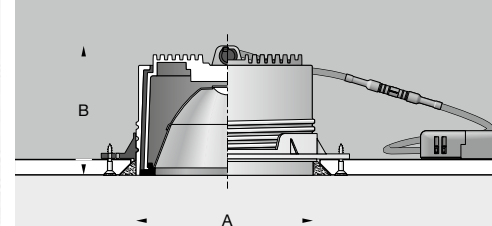
LED colour temperature: 3000 K – Article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.

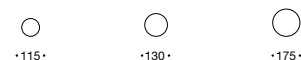
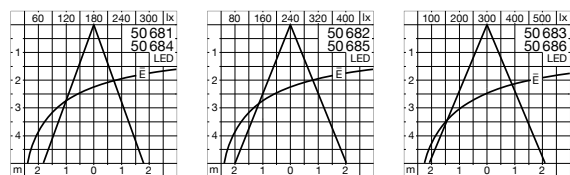






STUDIO LINE  
**LED recessed ceiling luminaires**  
Flush-mounting installation

for external PSU	<b>on/off · DALI</b>
Colour temperature	<b>3000 K</b>
CRI	<b>&gt; 90</b>
Luminaire luminous flux	<b>860 - 1850 lm</b>
Luminaire Ø	<b>115 · 130 · 175 mm</b>



Velvet black · Interior colour in <b>matt aluminium</b> · Code number <b>.2</b>								External PSU	
	LED		EEC	β	A	B	AC/DC	on/off	DALI
<b>50 684.2</b>	9.7 W	860 lm	A++	40°	115	95	✓	<b>13 143</b>	<b>13 168</b>
<b>50 685.2</b>	13.5 W	1200 lm	A++	40°	130	105	✓	<b>13 144</b>	<b>13 169</b>
<b>50 686.2</b>	20.0 W	1850 lm	A++	45°	175	130	✓	<b>13 144</b>	<b>13 170</b>



Velvet white · Interior colour in <b>matt aluminium</b> · Code number <b>.2</b>								External PSU	
	LED		EEC	β	A	B	AC/DC	on/off	DALI
<b>50 681.2</b>	9.7 W	860 lm	A++	40°	115	95	✓	<b>13 143</b>	<b>13 168</b>
<b>50 682.2</b>	13.5 W	1200 lm	A++	40°	130	105	✓	<b>13 144</b>	<b>13 169</b>
<b>50 683.2</b>	20.0 W	1850 lm	A++	45°	175	130	✓	<b>13 144</b>	<b>13 170</b>

β = Half beam angle

Select the required interior colour by changing the code number.



Interior colour in **matt aluminium**  
Code number **.2**



Interior colour in **matt brass**  
Code number **.4**



Interior colour in **matt copper**  
Code number **.6**



#### STUDIO LINE

##### LED recessed ceiling luminaires

complete with external on/off power supply units

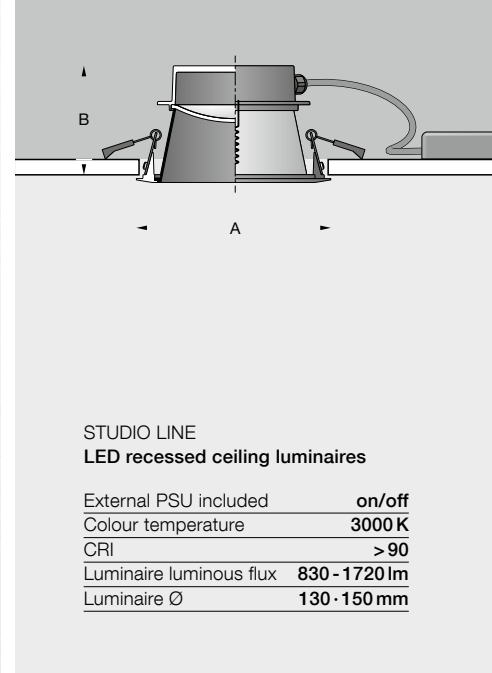
These recessed ceiling luminaires belong to our STUDIO LINE luminaire series. Compact luminaires for installation in suspended ceilings. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in eight colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between white, aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty. The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase. An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Luminaire housing · Ceiling trim ring in velvet black or velvet white  
Interior colour available with a choice of 4 finishes · Colour rendering index (CRI) > 90  
External on/off power supply unit included

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.





STUDIO LINE	
LED recessed ceiling luminaires	
External PSU included	on/off
Colour temperature	3000 K
CRI	> 90
Luminaire luminous flux	830 - 1720 lm
Luminaire Ø	130 - 150 mm



Velvet black · Interior colour in white · Code number .1						External PSU
	LED		EEC	A	B	On/off
50 576.1	10.8 W	830 lm	A++	130	80	Included
50 577.1	21.0 W	1720 lm	A++	150	90	Included



Velvet white · Interior colour in white · Code number .1						External PSU
	LED		EEC	A	B	On/off
50 578.1	10.8 W	830 lm	A++	130	80	Included
50 579.1	21.0 W	1720 lm	A++	150	90	Included

Select the required interior colour by changing the code number.



Interior colour in white  
Code number .1



Interior colour in matt aluminium  
Code number .2



Interior colour in matt brass  
Code number .4



Interior colour in matt copper  
Code number .6



#### STUDIO LINE

**LED recessed ceiling downlights** for external on/off or DALI power supply units

Shielded luminaires

Recessed opening 68 mm

These downlights belong to our STUDIO LINE luminaire series.

Small and compact luminaires for installation in suspended ceilings. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty. The light directed downwards from these ceiling luminaires is shielded to the outside by a luminaire housing with circular layout. You will find luminaires with this design but a square luminaire housing on Page 68.

An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately.

For technical data, see Page 315.

Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Luminaire housing with velvet black or velvet white enamel finish

Interior colour available with a choice of 3 finishes · Colour rendering index (CRI) > 90

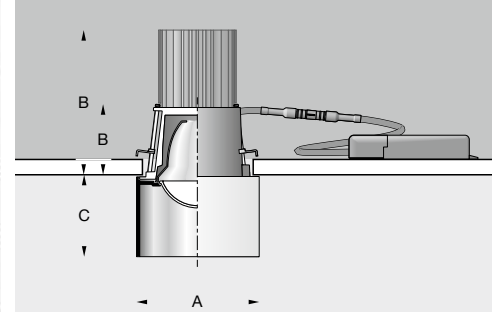
These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.





STUDIO LINE  
LED recessed ceiling downlights

for external PSU	on/off · DALI
Colour temperature	3000 K
CRI	> 90
Luminaire luminous flux	415 · 820 lm
Luminaire Ø	80 mm



Velvet black · Interior colour in matt aluminium · Code number .2								External PSU	
	LED		EEC	β	A	B	C	on/off	DALI
50 249.2	8.0 W	415 lm	A++	48°	80	48	50	13 198	13 199
50 252.2	14.5 W	820 lm	A++	48°	80	100	50	13 144	13 169



Velvet white · Interior colour in matt aluminium · Code number .2								External PSU	
	LED		EEC	β	A	B	C	on/off	DALI
50 370.2	8.0 W	415 lm	A++	48°	80	48	50	13 198	13 199
50 371.2	14.5 W	820 lm	A++	48°	80	100	50	13 144	13 169

β = Half beam angle

Select the required interior colour by changing the code number.



Interior colour in matt aluminium  
Code number .2



Interior colour in matt brass  
Code number .4



Interior colour in matt copper  
Code number .6





#### STUDIO LINE

**LED recessed ceiling downlights** for external on/off or DALI power supply units

Shielded luminaires

Recessed opening 68 mm

These downlights belong to our STUDIO LINE luminaire series.

Small and compact luminaires for installation in suspended ceilings. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty. The light directed downwards from these ceiling luminaires is shielded to the outside by a luminaire housing with square layout. You will find luminaires with this design but a circular luminaire housing on Page 66.

An on/off power supply unit or DALI power supply unit can be optionally connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data, see Page 315.

Suitable DALI system components can be found on Page 312.

The required installation depths can be found in the instructions for use for these luminaires. Please follow them as early as the planning phase.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Luminaire housing with velvet black or velvet white enamel finish

Interior colour available with a choice of 3 finishes · Colour rendering index (CRI) > 90

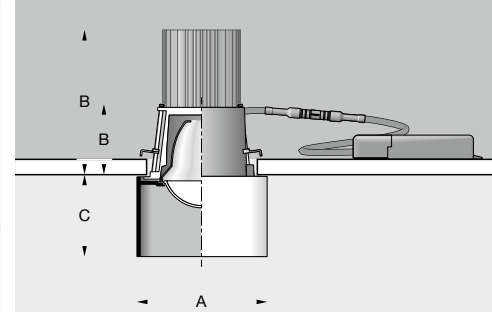
These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.





STUDIO LINE  
LED recessed ceiling downlights

for external PSU	on/off · DALI
Colour temperature	3000 K
CRI	> 90
Luminaire luminous flux	435 · 820 lm
Luminaire □	85 mm



Velvet black · Interior colour in matt aluminium · Code number .2								External PSU	
	LED		EEC	β	A	B	C	on/off	DALI
50 250.2	8.0 W	435 lm	A++	48°	85×85	48	50	13 198	13 199
50 253.2	14.5 W	820 lm	A++	48°	85×85	100	50	13 144	13 169



Velvet white · Interior colour in matt aluminium · Code number .2								External PSU	
	LED		EEC	β	A	B	C	on/off	DALI
50 372.2	8.0 W	435 lm	A++	48°	85×85	48	50	13 198	13 199
50 373.2	14.5 W	820 lm	A++	48°	85×85	100	50	13 144	13 169

β = Half beam angle

Select the required interior colour by changing the code number.



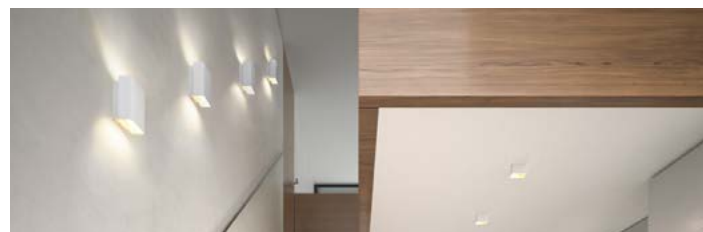
Interior colour in matt aluminium  
Code number .2



Interior colour in matt brass  
Code number .4



Interior colour in matt copper  
Code number .6



For matching wall luminaires, see Page 158 · For matching recessed ceiling luminaires, see Page 68.

#### STUDIO LINE LED ceiling luminaires Shielded luminaires

These LED ceiling luminaires belong to the luminaire series STUDIO LINE. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty. The light directed downwards from these ceiling luminaires is shielded to the outside by a luminaire housing with square layout. You will find luminaires with this design but a circular luminaire housing on Page 72. An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Metal housing velvet black or velvet white enamel finish  
Interior colour available with a choice of 3 finishes · On/off power supply unit  
Colour rendering index (CRI) > 90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – Article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



Select the required interior colour by changing the code number.



Interior colour in matt aluminium  
Code number **.2**



Interior colour in matt brass  
Code number **.4**



Interior colour in matt copper  
Code number **.6**



Interior colour <b>matt aluminium</b> · Code number <b>.2</b>								
Velvet black	Velvet white	LED	PSU	EEC	A	B	AC/DC	
<b>50 184.2</b>	<b>50 361.2</b>	6.6 W	290 lm	on/off	A++	85	115	✓
<b>50 185.2</b>	<b>50 362.2</b>	10.6 W	380 lm	on/off	A++	105	140	✓



For matching pendant luminaires, see Page 290 · For matching wall luminaires, see Page 160.

#### STUDIO LINE LED ceiling luminaires Shielded luminaires

These LED ceiling luminaires belong to the luminaire series STUDIO LINE.

These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay.

We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The light directed downwards from these ceiling luminaires is shielded to the outside by a luminaire housing with circular layout. You will find luminaires with this design but a square luminaire housing on Page 70.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Metal housing velvet black or velvet white enamel finish

Interior colour available with a choice of 3 finishes · On/off power supply unit

Colour rendering index (CRI) > 90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.





Select the required interior colour  
by changing the code number.



Interior colour in matt aluminium  
Code number **.2**



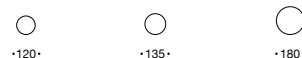
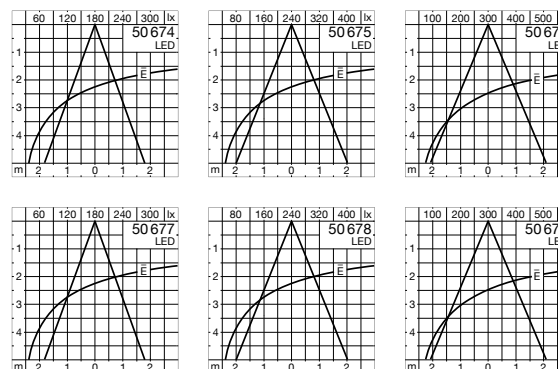
Interior colour in matt brass  
Code number **.4**



Interior colour in matt copper  
Code number **.6**



Interior colour <b>matt aluminium</b> · Code number <b>.2</b>								
Velvet black	Velvet white	LED	PSU	EEC	A	B	AC/DC	
<b>50 182.2</b>	<b>50 359.2</b>	6.6 W	315 lm	on/off	A++	80 115		✓
<b>50 183.2</b>	<b>50 360.2</b>	10.6 W	445 lm	on/off	A++	100 135		✓



## STUDIO LINE

### LED ceiling luminaires · Downlights

Shielded luminaires

These LED ceiling luminaires belong to the luminaire series STUDIO LINE. The downlights with reflectors combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The light directed downwards from these downlights is shielded to the outside by a luminaire housing with cylindrical layout.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Metal housing velvet black or velvet white enamel finish  
Interior colour available with a choice of 3 finishes · Reflector made of pure anodised aluminium  
DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



Select the required interior colour by changing the code number.



Interior colour in matt aluminium  
Code number **.2**



Interior colour matt brass  
Code number **.4**



Interior colour in matt copper  
Code number **.6**



Interior colour <b>matt aluminium</b> · Code number <b>.2</b>									
Velvet black	Velvet white	LED		PSU	EEC	β	A	B	AC/DC
<b>50 674.2</b>	<b>50 677.2</b>	9.7 W	860 lm	DALI	A++	40°	120	115	✓
<b>50 675.2</b>	<b>50 678.2</b>	13.5 W	1200 lm	DALI	A++	40°	135	125	✓
<b>50 676.2</b>	<b>50 679.2</b>	20.0 W	1850 lm	DALI	A++	45°	180	150	✓

β = Half beam angle



• 260 •



• 360 •



• 430 •



STUDIO LINE  
LED ceiling luminaires  
Shielded luminaires

These LED ceiling luminaires come in various sizes and belong to the STUDIO LINE series. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour. The light from these ceiling luminaires is shielded to the outside. It is directed downwards by hand-blown three-ply opal glass inside the luminaire housing to provide a pleasantly soft lighting atmosphere with high visual comfort. Particularly when illuminated, the coloured lacquered finish on the inside contrasts with the velvet black or velvet white lacquered exterior finish on the outside to reveal all its beauty.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Metal housing with velvet black or velvet white enamel finish · Satin matt opal glass  
Interior colour available with a choice of 3 finishes  
Luminaires with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) >90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.

Select the required interior colour by changing the code number.



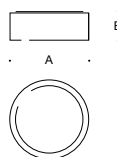
Interior colour in matt aluminium  
Code number **.2**



Interior colour in matt brass  
Code number **.4**



Interior colour in matt copper  
Code number **.6**



Interior colour <b>matt aluminium</b> · Code number <b>.2</b>								
Velvet black	Velvet white	LED		PSU	EEC	A	B	AC/DC
<b>50 174.2</b>	<b>50 363.2</b>	15.8 W	670 lm	on/off	A++	260	105	—
<b>50 175.2</b>	<b>50 364.2</b>	31.0 W	1645 lm	DALI	A++	360	120	✓
<b>50 176.2</b>	<b>50 365.2</b>	48.8 W	2340 lm	DALI	A++	430	145	✓



#### LED compact surface washers with in-trac adapter

for EUTRAC 3-phase busbar systems

Symmetrical narrow beam light distribution

LED compact surface washers with two outputs and adapter for EUTRAC busbar systems.

The luminaires are optionally DALI controllable or suitable for on/off operation.

We supply these compact LED surface washers ready for operation complete with in-Trac adapter to match EUTRAC 3-phase busbar systems. in-trac adapters are inserted flush into the busbar and secured by IDC technology without the use of any tools.

Metal housing with white enamel finish · Safety glass

Reflector surface made of pure aluminium

Luminaires optionally with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

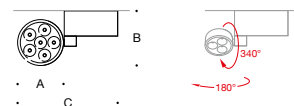
The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.



On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



For recessed ceiling luminaires, see Page 30.





Symmetrical narrow beam								Exchangeable lenses		
	LED		PSU	EEC	$\beta$	A	B	C		
<b>50 260.1</b>	7.5 W	455 lm	on/off	A++	24°	90	168	260	<b>10 043</b>	<b>10 014</b>
<b>50 261.1</b>	14.0 W	835 lm	on/off	A++	23°	145	168	310	<b>10 047</b>	<b>10 016</b>
<b>50 186.1</b>	7.5 W	455 lm	DALI	A++	24°	90	168	260	<b>10 043</b>	<b>10 014</b>
<b>50 187.1</b>	14.0 W	835 lm	DALI	A++	23°	145	168	310	<b>10 047</b>	<b>10 016</b>

$\beta$  = Half beam angle

Exchangeable lenses  Wide beam  Flat beam



### LED ceiling luminaires

LED large-area luminaires for indoors with an impressive light output.

An optical system with a laminate structure exactly matching our LED modules, consisting of micro-structured and light-directing levels to ensure glare-free light and a high degree of visual comfort. Luminaires specially for glare-free office light in accordance with DIN EN 12464-1.

The luminaires are DALI controllable and available optionally with fixed or variable colour temperature (tunable white). Tunable white luminaires can be controlled using a DALI colour light control (DT 8, TW). We recommend our BEGA Control system for this purpose. For technical data of DALI system components, see Page 312.

By adjusting the colour temperature you can adapt the illumination perfectly to your lighting requirements or to the required mood. Colour temperatures of between 2700 and 6500 K can be selected, perfectly covering the colour temperature range that is felt to be ideal.

Metal fitting with white enamel finish · Safety glass  
DALI controllable · Colour rendering index (CRI) > 90

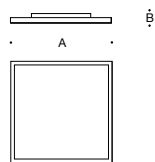
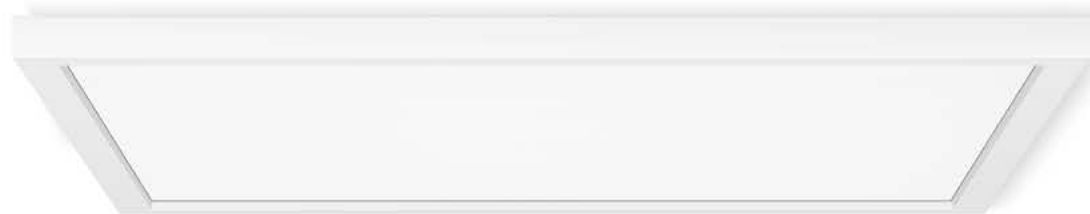
These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

LED colour temperature tunable white luminaires adjustable from 2700 to 6500 K

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



LED ceiling luminaire							
	LED		PSU	EEC	A	B	AC/DC
50 559.1	57 W	4630 lm	DALI	A++	600×600	40	✓

LED ceiling luminaire · Tunable white · 2700–6500 K							
	LED		PSU	EEC	A	B	AC/DC
50 643.1	57 W	4595 lm	DALI DT8, TW	A++	600×600	40	✓



For pendant luminaires, see Page 228.

FLED

### LED large-area ceiling luminaires

Direct and indirect light distribution

LED ceiling luminaire specially for glare-free office light in accordance with DIN EN 12464-1.

An optical system with a laminate structure exactly matching our LED modules, consisting of micro-structured and light-directing levels to ensure glare-free light and a maximum visual comfort.

Large-area luminaires in a choice of two versions:

- 90% direct and 10% indirect light or
- 100% direct light

Metal housing matt aluminium finish with all-round, matt black trim strip

Optical system consisting of micro-structured and light-directing reflection levels for glare-free office light in accordance with DIN EN 12464-1.

DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

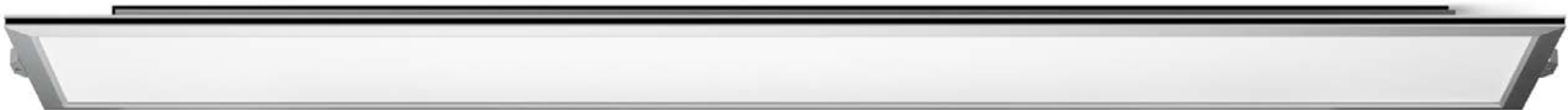
The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Frame height 11 mm

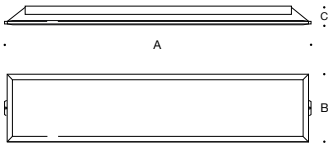
Optical system consisting of micro-structured and light-directing reflection levels



90% direct,  
10% indirect light

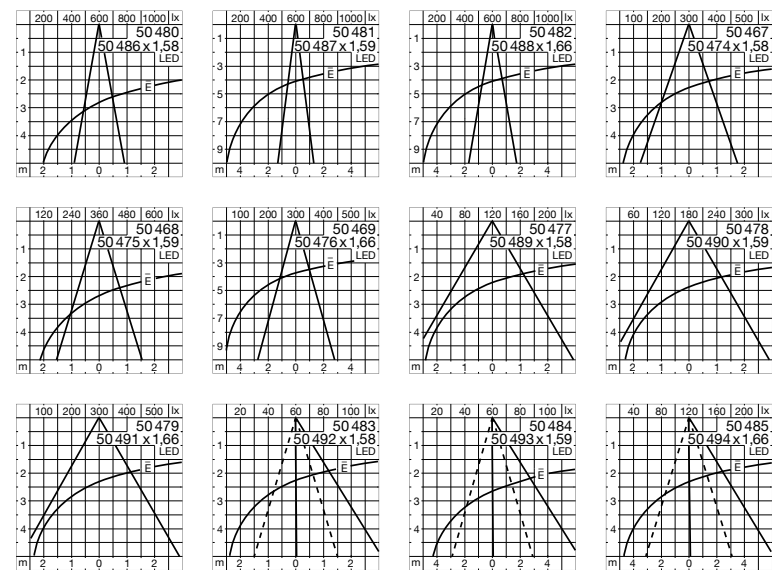


100% direct light



90% direct and 10% indirect light							
	LED		PSU	EEC	A	B	C AC/DC
12 194.2	60 W	5230 lm	DALI	A++	1565	345	95 ✓

100% direct light							
	LED		PSU	EEC	A	B	C AC/DC
12 292.2	60 W	4945 lm	DALI	A++	1565	345	95 ✓



## GENIUS LED ceiling luminaires · Downlights

The ceiling luminaires on these pages belong to the GENIUS series of downlights. These are luminaires with hybrid optics. They combine the advantages of both lens and reflector technology. For technical information, see Page 322

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.

These downlights are available in various light distributions and with an integral DALI power supply unit. Different sizes with suitable light outputs are also available, such as luminaires with colour rendering index (CRI) > 80 or > 90.

For matching recessed ceiling luminaires with the same technical features, see Pages 18 to 21, for matching pendant luminaires, see Page 246.

Luminaire housing made of cast aluminium available with a choice of 2 finishes

Reflector surface made of pure aluminium · Safety glass · Chrome trim ring

DALI controllable · Colour rendering index (CRI) > 80 or > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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


The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.







#### Narrow beam · Velvet white enamel finish · Code number .1

	LED		CRI	PSU	EEC	$\beta$	A	B	AC/DC
	<b>50 480.1</b>	9.7 W 1030 lm	>90	DALI	A++	21°	120	115	✓
	<b>50 486.1</b>	13.5 W 1630 lm	>80	DALI	A++	21°	120	115	✓
	<b>50 481.1</b>	13.5 W 1460 lm	>90	DALI	A++	15°	135	125	✓
	<b>50 487.1</b>	19.5 W 2330 lm	>80	DALI	A++	15°	135	125	✓
	<b>50 482.1</b>	20.0 W 2205 lm	>90	DALI	A++	19°	180	150	✓
	<b>50 488.1</b>	29.0 W 3665 lm	>80	DALI	A++	19°	180	150	✓


#### Wide beam · Velvet white enamel finish · Code number .1

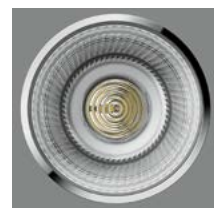
	LED		CRI	PSU	EEC	$\beta$	A	B	AC/DC
	<b>50 467.1</b>	9.7 W 1055 lm	>90	DALI	A++	38°	120	115	✓
	<b>50 474.1</b>	13.5 W 1670 lm	>80	DALI	A++	38°	120	115	✓
	<b>50 468.1</b>	13.5 W 1470 lm	>90	DALI	A++	34°	135	125	✓
	<b>50 475.1</b>	19.5 W 2345 lm	>80	DALI	A++	34°	135	125	✓
	<b>50 469.1</b>	20.0 W 2210 lm	>90	DALI	A++	32°	180	150	✓
	<b>50 476.1</b>	29.0 W 3665 lm	>80	DALI	A++	32°	180	150	✓

#### Very wide beam · Velvet white enamel finish · Code number .1

	LED		CRI	PSU	EEC	$\beta$	A	B	AC/DC
	<b>50 477.1</b>	9.7 W 995 lm	>90	DALI	A++	62°	120	115	✓
	<b>50 489.1</b>	13.5 W 1575 lm	>80	DALI	A++	62°	120	115	✓
	<b>50 478.1</b>	13.5 W 1430 lm	>90	DALI	A++	60°	135	125	✓
	<b>50 490.1</b>	19.5 W 2290 lm	>80	DALI	A++	60°	135	125	✓
	<b>50 479.1</b>	20.0 W 2165 lm	>90	DALI	A++	59°	180	150	✓
	<b>50 491.1</b>	29.0 W 3585 lm	>80	DALI	A++	59°	180	150	✓

#### Asymmetrical · Velvet white enamel finish · Code number .1

	LED		CRI	PSU	EEC	$\beta$	A	B	AC/DC
	<b>50 483.1</b>	9.7 W 1010 lm	>90	DALI	A++	45/60°	120	115	✓
	<b>50 492.1</b>	13.5 W 1550 lm	>80	DALI	A++	45/60°	120	115	✓
	<b>50 484.1</b>	13.5 W 1390 lm	>90	DALI	A++	45/60°	135	125	✓
	<b>50 493.1</b>	19.5 W 2190 lm	>80	DALI	A++	45/60°	135	125	✓
	<b>50 485.1</b>	20.0 W 2130 lm	>90	DALI	A++	46/70°	180	150	✓
	<b>50 494.1</b>	29.0 W 3350 lm	>80	DALI	A++	46/70°	180	150	✓



Select the required finish by changing the code number.

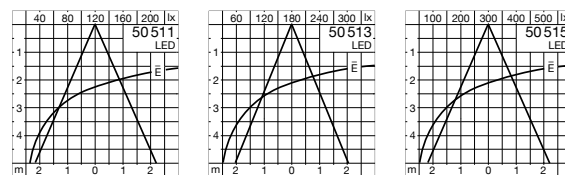


Velvet white enamel finish  
Code number .1



Velvet black enamel finish  
Code number .5

$\beta$  = Half beam angle



## LED ceiling luminaires · Downlights

Wide beam light distribution

Downlights in various sizes and finishes with wide beam light distribution. These luminaires feature thick, handcrafted partially frosted crystal glass with impressive and multi-faceted light graphics. They combine our glass-making skills with efficient lighting technology in luminaires of noble charm. These downlights are available with an integral DALI power supply unit and in different sizes.

For matching recessed ceiling luminaires, see Pages 24 to 27

For matching pendant luminaires, see Page 244.

Luminaire housing made of cast aluminium available with a choice of 2 finishes  
Partially frosted crystal glass · Reflector made of pure anodised aluminium  
DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.



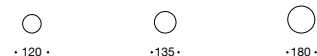
Velvet white enamel finish · Code number **.1**



S/steel · Code number **.2**



Velvet white enamel finish · Code number <b>.1</b>							
	LED		PSU	EEC	A	B	AC/DC
<b>50 511.1</b>	9.7 W	765 lm	DALI	A++	120	135	✓
<b>50 513.1</b>	13.5 W	955 lm	DALI	A++	135	145	✓
<b>50 515.1</b>	20.0 W	1700 lm	DALI	A++	180	175	✓



#### LED ceiling luminaires

Wide beam light distribution

LED ceiling luminaires with wide beam light distribution. A series in various sizes that is characterised by very low height and compact dimensions. These luminaires feature thick, handcrafted partially frosted crystal glass with impressive and multi-faceted light graphics. They combine our glass-making skills with efficient lighting technology in luminaires of noble charm.

Luminaire housing made of cast aluminium available with a choice of 2 finishes  
Partially frosted crystal glass · Reflector made of pure anodised aluminium  
Luminaires optionally with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.



Velvet white enamel finish  
Code number .1



S/steel · Code number .2



· A ·

Velvet white enamel finish · Code number .1							
	LED		PSU	EEC	A	B	AC/DC
50 565.1	9.7 W	690 lm	on/off	A++	120	75	✓
50 567.1	13.5 W	1035 lm	on/off	A++	135	80	✓
50 568.1	13.5 W	1035 lm	DALI	A++	135	80	✓
50 570.1	20.0 W	1950 lm	DALI	A++	180	95	✓





## LED ceiling luminaires

Direct and indirect light distribution

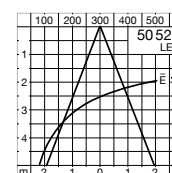
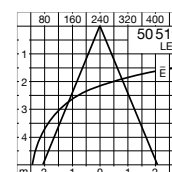
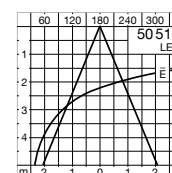
Downlights in various sizes and finishes with direct and indirect light distribution. An integral reflector creates the direct downward-directed light. At the same time, part of the stray light is used to illuminate the luminaire glass and to produce a degree of vertical illuminance. The dual light distribution lends these luminaires their excellent visual comfort. They combine our glass-making skills with efficient lighting technology in luminaires of noble charm. These downlights are available with an integral DALI power supply unit and in different sizes. For matching recessed ceiling luminaires, see Page 36. For matching pendant luminaires, see Page 264.

Luminaire housing made of cast aluminium available with a choice of 3 finishes  
Satin matt opal glass · Reflector made of pure anodised aluminium · DALI controllable  
Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





Select the required finish by changing the code number.



Velvet white enamel finish  
Code number .1



S/steel · Code number .2

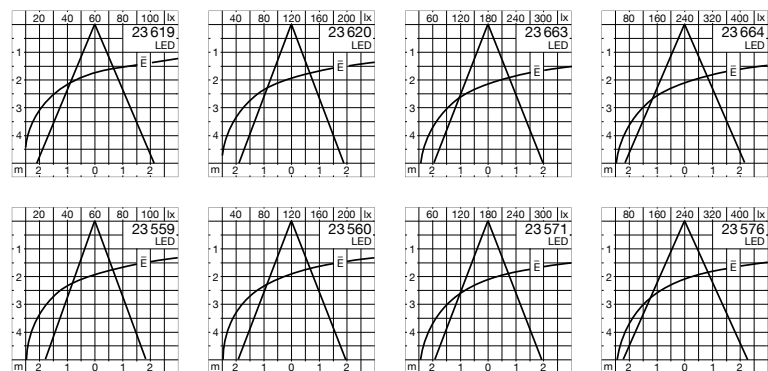


Velvet black enamel finish  
Code number .5



Velvet white enamel finish · Code number .1								
	LED		PSU	EEC	$\beta$	A	B	AC/DC
<b>50 517.1</b>	9.7 W	920 lm	DALI	A++	45°	120	170	✓
<b>50 519.1</b>	13.5 W	1150 lm	DALI	A++	44°	135	185	✓
<b>50 521.1</b>	20.0 W	2040 lm	DALI	A++	43°	180	230	✓

$\beta$  = Half beam angle



## LED ceiling luminaires · Downlights

Direct and indirect light distribution

Downlights with various LED outputs, half beam angles and dimensions. The dual light distribution lends this series of luminaires its excellent visual comfort. A focusing/diffusing lens made of crystal glass bundles the efficient light in the centre of the reflector for downward-directed light. At the same time, part of the stray light is used to illuminate the luminaire glass and to produce a degree of vertical illuminance.

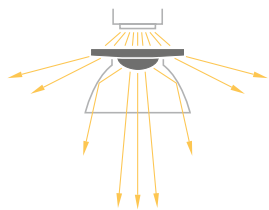
These luminaires are available optionally with hand-blown opal glass or with clear crystal glass.

Metal housing available with a choice of 3 finishes · Crystal glass or opal glass · Reflector made of pure anodised aluminium · Focusing/diffusing lens made of partially frosted crystal glass  
Luminaires with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Focusing/diffusing lens  
made of partially frosted  
crystal glass

Select the required finish by  
changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Polished aluminium  
Code number .3



#### Opal glass · White enamel finish · Code number .1

	LED		PSU	EEC	$\beta$	A	B	AC/DC
<b>23 619.1</b>	4.8 W	240 lm	on/off	A++	45°	100	105	✓
<b>23 620.1</b>	7.6 W	570 lm	on/off	A++	42°	120	120	✓
<b>23 663.1</b>	12.0 W	1035 lm	DALI	A++	43°	140	130	✓
<b>23 664.1</b>	18.0 W	1410 lm	DALI	A++	47°	190	155	✓



#### Crystal glass · White enamel finish · Code number .1

	LED		PSU	EEC	$\beta$	A	B	AC/DC
<b>23 559.1</b>	4.8 W	300 lm	on/off	A++	40°	100	105	✓
<b>23 560.1</b>	7.6 W	635 lm	on/off	A++	42°	120	120	✓
<b>23 571.1</b>	12.0 W	1050 lm	DALI	A++	42°	140	130	✓
<b>23 576.1</b>	18.0 W	1560 lm	DALI	A++	48°	190	155	✓

$\beta$  = Half beam angle



The soft light from these luminaires also illuminates ceiling surfaces and results in uniform light distribution in rooms.



• 140 •



• 190 •



• 220 •

### LED ceiling luminaires

Dual light distribution

LED ceiling luminaires in various sizes that are characterised by very low height, compact dimensions and wide beam light distribution.

Hand-blown, partially frosted crystal glass with a concave bottom side for soft and pleasantly uniform distribution of the light. A reflector on the inside directs part of the light onto the ceiling surface. High-quality LED luminaires with high visual comfort and brilliant light effects. They combine our glass-making skills with modern lighting technology.

Metal housing available with a choice of 3 finishes · Partially frosted crystal glass  
Reflector made of pure anodised aluminium · DALI controllable · Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Polished aluminium  
Code number .3



White enamel finish · Code number .1							
	LED		PSU	EEC	A	B	AC/DC
50 060.1	14.5 W	890 lm	DALI	A++	140	110	✓
50 061.1	19.5 W	1380 lm	DALI	A++	190	130	✓
50 062.1	30.0 W	2235 lm	DALI	A++	220	150	✓





For recessed ceiling  
luminaires, see Page 44.



For pendant luminaires,  
see Page 252.

Select the required finish by  
changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Polished aluminium  
Code number .3



**LED ceiling luminaires**  
Wide beam light distribution

LED ceiling luminaires in various sizes that are characterised by very low height, compact dimensions and wide beam light distribution. Hand-blown, three-ply opal glass with a concave bottom side for soft and pleasantly uniform distribution of the light and high visual comfort. High-quality LED luminaires that unite our hand-crafted glass with the most modern light and energy technology.

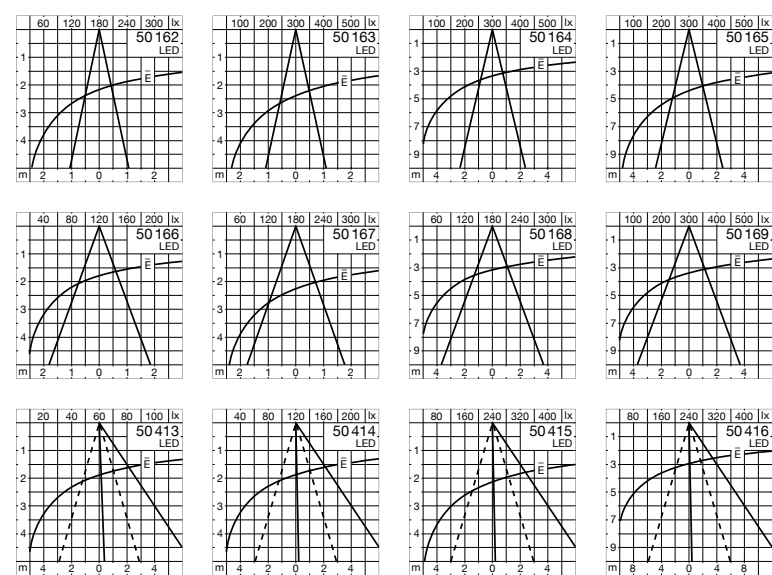
Metal housing available with a choice of 3 finishes · Satin matt opal glass  
Luminaires with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



White enamel finish · Code number .1							
	LED		PSU	EEC	A	B	AC/DC
23 846.1	4.5 W	260 lm	on/off	A++	100	95	✓
23 966.1	7.6 W	565 lm	on/off	A++	120	95	✓
23 967.1	12.0 W	940 lm	DALI	A++	140	110	✓
34 021.1	17.1 W	1265 lm	DALI	A++	190	130	✓



### LED ceiling-mounted downlights

Protection class IP 65

A new series of very compact and efficient ceiling-mounted LED downlights with symmetrical or asymmetrical light distribution.

With three housing sizes and light outputs of 275 to 3105 lumen, this series sets new standards in terms of cost-effectiveness and compact design. These luminaires are optionally available with symmetrical narrow beam, symmetrical wide beam or asymmetrical wide beam light distribution for your lighting applications.

Protection class IP 65 · Cast aluminium, aluminium and stainless steel · White enamel finish

Safety glass · Reflector surface made of pure aluminium

Luminaires with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



For recessed luminaires, see Page 38.



Downlights · symmetrical narrow beam								
	LED		PSU	EEC	$\beta$	A	B	AC/DC
50 162.1	4.3 W	290 lm	on/off	A++	24°	95×95	90	✓
50 163.1	11.0 W	580 lm	on/off	A++	25°	95×95	90	✓
50 164.1	21.0 W	1245 lm	DALI	A++	25°	130×130	100	✓
50 165.1	38.2 W	2380 lm	DALI	A++	27°	170×170	100	✓



Downlights · symmetrical wide beam								
	LED		PSU	EEC	$\beta$	A	B	AC/DC
50 166.1	4.3 W	345 lm	on/off	A++	38°	95×95	90	✓
50 167.1	11.0 W	745 lm	on/off	A++	38°	95×95	90	✓
50 168.1	21.0 W	1515 lm	DALI	A++	38°	130×130	100	✓
50 169.1	38.2 W	3105 lm	DALI	A++	41°	170×170	100	✓



Downlights · asymmetrical wide beam								
	LED		PSU	EEC	$\beta$	A	B	AC/DC
50 413.1	4.3 W	275 lm	on/off	A++	42/48°	95×95	90	✓
50 414.1	11.0 W	535 lm	on/off	A++	44/48°	95×95	90	✓
50 415.1	21.0 W	1355 lm	DALI	A++	44/48°	130×130	100	✓
50 416.1	38.2 W	2270 lm	DALI	A++	44/48°	170×170	100	✓

$\beta$  = Half beam angle



### Ceiling luminaires

These unshielded ceiling luminaires are perfect design elements for many room situations.

They convince by a combination of clear-cut design and high light output. Whether illuminated or not, these ceiling luminaires are suitable for nearly all areas of interior design. They develop their extraordinary light effect when arranged in exact grids or in groups.

We supply the luminaires for operating optionally fluorescent lamps or lamps with screw base E 27. You will find suitable BEGA LED lamps on Page 318.

Metal housing available with a choice of 2 finishes · Satin matt opal glass

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



Select the required finish by  
changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



White enamel finish · Code number .1								
	Lamp		Base	EEC	A	B	C	AC/DC
<b>89 514.1</b>	1 TC-TELI	26 W	GX24 q-3	A-B	160	265	140	✓
<b>89 515.1</b>	1 TC-TELI	42 W	GX24 q-3/4	A-B	220	380	190	✓
<b>89 576.1</b>	1 lamp	75 W	E 27	A++-E	120	185	90	—
<b>89 931.1</b>	1 lamp	150 W	E 27	A++-E	160	265	140	—







MAXIMA  
LED large-area luminaires  
Ceiling and wall luminaires

BEGA large-area luminaires for indoors – 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.

The luminaires are DALI controllable and available optionally with fixed or variable colour temperature (tunable white). Tunable white luminaires can be controlled using a DALI colour light control (DT 8, TW). We recommend our BEGA Control system for this purpose. For technical data of DALI system components, see Page 312.

By adjusting the colour temperature you can adapt the illumination perfectly to your lighting requirements or to the required mood. Colour temperatures of between 2,700 and 6,500 K can be selected, perfectly covering the colour temperature range that is felt to be ideal.

The MAXIMA ceiling and wall luminaires open up new and creative options in many areas of interior design.

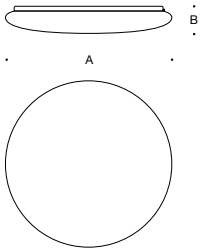
Metal fitting with white enamel finish · White synthetic cover · DALI controllable  
Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

LED colour temperature tunable white luminaires adjustable from 2700 K to 6500 K

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



LED ceiling and wall luminaires							
	LED		PSU	EEC	A	B	AC/DC
50 100	102 W	12 365 lm	DALI	A++	1000	150	✓
50 101	140 W	16 885 lm	DALI	A++	1300	160	✓

LED ceiling and wall luminaires · Tunable white · 2700 - 6500 K							
	LED		PSU	EEC	A	B	AC/DC
50 192	114 W	13 010 lm	DALI DT8, TW	A++	1000	150	✓
50 193	144 W	15 960 lm	DALI DT8, TW	A++	1300	160	✓



PLANETA  
**LED large-area luminaires**  
Ceiling and wall luminaires

Large-area LED light with unusually high light output. These luminaires for indoors open up new and creative design options in many areas of architecture. A crystal glass disk, white frosted on the inside and fitted flush with the frame, distributes the light uniformly onto the surface to be illuminated.

The luminaires are DALI controllable and available optionally with fixed or variable colour temperature (tunable white). Tunable white luminaires can be controlled using a DALI colour light control (DT 8, TW). We recommend our BEGA Control system for this purpose. For technical data of DALI system components, see Page 312. By adjusting the colour temperature you can adapt the illumination perfectly to your lighting requirements or to the required mood. Colour temperatures of between 2,700 and 6,500 K can be selected, perfectly covering the colour temperature range that is felt to be ideal.

Metal housing available with a choice of 3 finishes · Crystal glass, inside white  
DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

LED colour temperature tunable white luminaires adjustable from 2700 K to 6500 K

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.



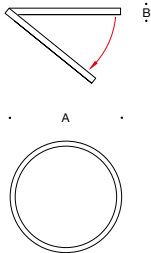
White enamel finish  
Code number **.1**



S/steel · Code number **.2**



Chrome · Code number **.3**



White enamel finish · Code number <b>.1</b>							
	LED		PSU	EEC	A	B	AC/DC
<b>34 022.1</b>	77.5 W	4820 lm	DALI	A++	500	80	✓
<b>34 067.1</b>	116.0 W	9380 lm	DALI	A++	750	80	✓

White enamel finish · Code number <b>.1</b> · Tunable white · 2700-6500 K							
	LED		PSU	EEC	A	B	AC/DC
<b>50 280.1</b>	63.5 W	3890 lm	DALI DT8, TW	A++	500	80	✓
<b>50 281.1</b>	116.0 W	9145 lm	DALI DT8, TW	A++	750	80	✓



#### **LED large-area luminaires**

Ceiling and wall luminaires · Protection class IP 65

Large-area luminaires for indoors with an impressive light output in the diameters 670 and 930 mm. High-precision aluminium rings with hand-polished surfaces hold the large diffuser disks.

A special light-diffusing matt finish on the inner side of the disk produces a shining surface with maximum uniformity and transmission.

These luminaires are characterised by a high light output, a large luminaire diameter and a high protection class of IP 65.

The high light output reduces the number of installation points and therefore the number of luminaires. A long service life and the cost-effectiveness of the LED modules also reduce the installation, maintenance and operating costs. Luminaires for creative light concepts in many areas of interior design.

For matching pendant luminaires, see Page 234.

Protection class IP 65 · Metal housing available in a choice of 2 finishes  
White synthetic cover · DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



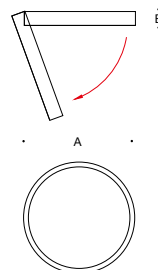
Select the required finish by  
changing the code number.



White enamel finish  
Code number **.1**



Polished aluminium  
Code number **.3**



White enamel finish · Code number <b>.1</b>							
	LED		PSU	EEC	A	B	AC/DC
<b>50 326.1</b>	55 W	4860 lm	DALI	A++	670	125	✓
<b>50 327.1</b>	133 W	11 580 lm	DALI	A++	930	140	✓





• 160 •



• 210 •



• 260 •

#### LED ceiling and wall luminaires

Protection class IP 65

Compact LED luminaires for indoors with unshielded light – for installation on ceilings or walls. Elegant luminaire housings without visible screw connections.

A die-cast aluminium housing with three different finishes, thick-walled crystal glass, the LED technology used and a high protection class of IP 65 make these luminaires long-lasting and cost-effective components of interior design.

The different finishes of the luminaire housings allow them to be perfectly matched to existing or planned interior details.

Protection class IP 65 · Metal housing available with a choice of 3 finishes

Crystal glass, inside white

Luminaires with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by  
changing the code number.



White enamel finish  
Code number **.1**



S/steel · Code number **.2**



Chrome · Code number **.3**



White enamel finish · Code number <b>.1</b>							
	LED		PSU	EEC	A	B	AC/DC
<b>50 535.1</b>	5.8 W	390 lm	on/off	A++	160	65	✓
<b>50 536.1</b>	9.0 W	700 lm	on/off	A++	210	70	✓
<b>50 537.1</b>	18.0 W	1460 lm	DALI	A++	260	80	✓



• 200 •



• 250 •



• 300 •



• 350 •

#### LED ceiling and wall luminaires

Luminaires with impressive crystal glass in various sizes – for installation on ceilings or walls.

The white interior of the glass appears to be embedded in the clear crystal glass. This blending ensures a pleasantly soft light with a brilliant effect.

The luminaires seem to create their light graphics without a luminaire housing. Metal elements carefully integrated in the glass close the luminaire by means of a reliable bayonet closure.

Whether as single luminaires or arranged in a formation, this “light made of glass” series enhances the lighting of any interior.

Metal fitting white enamel · Crystal glass, inside white

Luminaires with BEGA AC module, on/off power supply unit or DALI controllable power supply unit

Technical data of the BEGA AC module on Page 322

Colour rendering index (CRI) >90 · 50 194 Colour rendering index (CRI) >80

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

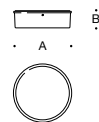
LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

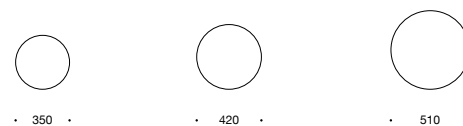
50 194 LED colour temperature: 3000 K – article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



	LED		PSU	EEC	A	B	AC/DC
<b>50 194</b>	8.0 W	550 lm	AC module	A++	200	75	—
<b>78 634</b>	9.2 W	850 lm	on/off	A++	250	85	✓
<b>78 635</b>	13.6 W	1140 lm	on/off	A++	300	90	✓
<b>50 598</b>	27.2 W	2190 lm	DALI	A++	350	90	✓



#### LED ceiling and wall luminaires

Expertly hand-crafted glass combined with cost-effective and durable technology: These LED ceiling and wall luminaires, available in various sizes and with different light outputs, offer a broad spectrum of planning options.

The additional option of different light outputs means that both output and number of luminaires can be used as factors in the lighting planning and room design. And as solid and reliable lighting tools they will continue to do their job over long operating periods.

Perfect proportions and impressive luminaire glass make these luminaires elegant and durable elements of interior design.

Luminaires in this series with a **P** added to the article number are also available with a cover made of impact-resistant synthetic material for applications in which glass cannot be used.

Metal fitting in white enamel finish

Opal glass or impact-resistant synthetic material cover

Luminaires optionally with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

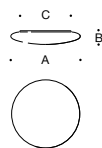
3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



For pendant luminaires,  
see Page 262.

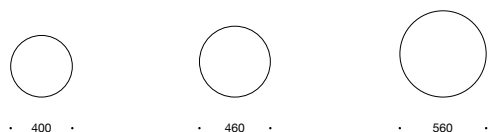


Opal glass		Synthetic material		LED	PSU	EEC	A	B	C	AC/DC
<b>23 296</b>	810 lm	<b>23 296 P</b>	870 lm	10.2 W	on/off	A++	350	85	240	✓
<b>23 410</b>	1090 lm	<b>23 410 P</b>	1130 lm	13.6 W	on/off	A++	350	85	240	✓
<b>23 414</b>	1650 lm	<b>23 414 P</b>	1830 lm	20.0 W	on/off	A++	420	95	280	✓
<b>12 163</b>	2130 lm	<b>12 163 P</b>	2365 lm	29.4 W	DALI	A++	420	95	280	✓
<b>12 164</b>	3230 lm	<b>12 164 P</b>	3730 lm	42.6 W	DALI	A++	510	115	350	✓





For pendant luminaires,  
see Page 232.



LED ceiling and wall luminaires

Expertly hand-crafted glass combined with cost-effective and durable technology: These LED ceiling and wall luminaires, available in various sizes and with different light outputs, offer a broad spectrum of planning options.

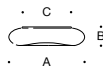
A new feature in our LED range is the optional choice between different light outputs depending on the luminaire diameter. This additional option means that both output and number of luminaires can be used as factors in the lighting planning and room design.

And as solid and reliable lighting tools they will continue to do their job over long operating periods. Perfect proportions and impressive luminaire glass make these luminaires elegant and durable elements of interior design.

Metal fitting white enamel · Opal glass  
Luminaires optionally with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



	LED		PSU	EEC	A	B	C	AC/DC
<b>23 321</b>	10.2 W	825 lm	on/off	A++	400	100	240	✓
<b>23 416</b>	13.6 W	1105 lm	on/off	A++	400	100	240	✓
<b>23 322</b>	20.0 W	1710 lm	on/off	A++	460	100	280	✓
<b>12 161</b>	29.4 W	2205 lm	DALI	A++	460	100	280	✓
<b>12 162</b>	42.6 W	3375 lm	DALI	A++	560	125	350	✓



#### **LED ceiling and wall luminaires**

Protection class IP 64

A new series of compact and efficient LED luminaires for indoors, which are suitable for use as ceiling and wall luminaires. Two types of glass are available in different luminaire diameters.

Both the satin matt three-ply opal glass and the thick-walled crystal opal glass with its impressive ice edges are hand-blown masterpieces by our glassblowers. But only our reliable and cost-effective LED technology makes luminaires with this shallow projection possible.

Traditional hand-crafted glass and lighting technology complement each other perfectly. The different finishes of the luminaire housings allow them to be matched to existing or planned interior details.

These luminaires with protection class IP 64 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

Protection class IP 64 · Metal housing available in a choice of 3 finishes

Crystal opal glass or satin matt opal glass

Luminaires optionally with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.



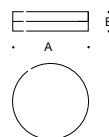
White enamel finish  
Code number .1



S/steel · Code number .2



Polished aluminium  
Code number .3



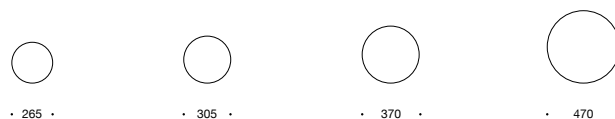
**Crystal opal glass** · White enamel finish · Code number .1

	LED		PSU	EEC	A	B	AC/DC
<b>50 646.1</b>	16.6 W	1225 lm	on/off	A++	260	65	✓
<b>50 647.1</b>	23.0 W	1900 lm	on/off	A++	305	65	✓
<b>12 127.1</b>	16.6 W	1225 lm	DALI	A++	260	65	✓
<b>12 128.1</b>	23.0 W	1900 lm	DALI	A++	305	65	✓



**Opal glass** · White enamel finish · Code number .1

	LED		PSU	EEC	A	B	AC/DC
<b>50 648.1</b>	16.6 W	1100 lm	on/off	A++	260	65	✓
<b>50 649.1</b>	23.0 W	1420 lm	on/off	A++	305	65	✓
<b>12 130.1</b>	16.6 W	1100 lm	DALI	A++	260	65	✓
<b>12 131.1</b>	23.0 W	1420 lm	DALI	A++	305	65	✓



### LED ceiling and wall luminaires

Protection class IP 64

Compact LED luminaires in various sizes. Indoor luminaires suitable for use as ceiling and wall luminaires. With hand-blown satin matt opal glass and high-precision luminaire housings. Solid and reliable lighting tools, as solutions to many indoor planning and project planning tasks.

These luminaires with protection class IP 64 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

Protection class IP 64 · Metal housing available in a choice of 3 finishes

Satin matt opal glass

Luminaires optionally with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by  
changing the code number.



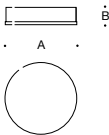
White enamel finish  
Code number .1



White aluminium enamel finish  
Code number .2

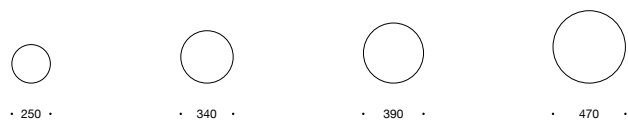


Polished aluminium  
Code number .3



White enamel finish · Code number .1							
	LED		PSU	EEC	A	B	AC/DC
50 470.1	16.6 W	1065 lm	on/off	A++	265	75	✓
50 471.1	23.0 W	1625 lm	on/off	A++	305	85	✓
50 424.1	16.6 W	1065 lm	DALI	A++	265	75	✓
50 425.1	23.0 W	1625 lm	DALI	A++	305	85	✓
50 426.1	29.3 W	2135 lm	DALI	A++	370	90	✓
50 427.1	48.0 W	3075 lm	DALI	A++	470	100	✓





### Ceiling and wall luminaires

Protection class IP 44

Classic luminaires with a new interpretation: contemporary, streamlined and equipped with modern lighting technology. Compact luminaires in various sizes with LED or for fluorescent lamps and lamps with screw base E 27. You will find suitable BEGA LED lamps on Page 318.

Luminaires for ceilings and walls, as solutions to practically every indoor planning and project planning task. They are solid, reliable lighting tools that will continue to do their job over a long operating period.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

Separate metal trim rings in 3 finishes allow you to adapt the luminaires to different materials indoors. Trim rings are accessories and must be ordered separately.

Protection class IP 44 · Metal fitting white enamel finish · Satin matt opal glass  
LED luminaires: DALI controllable · Colour rendering index (CRI) > 90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



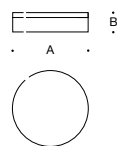
Trim ring  
white enamel finish



Stainless steel trim ring



Chrome trim ring

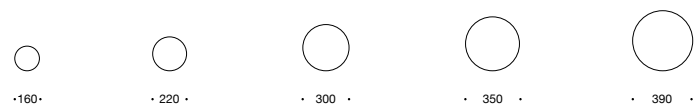


#### Ceiling and wall luminaires

	LED		PSU	EEC	A	B	AC/DC
<b>50 078</b>	19.3 W	1560 lm	DALI	A++	250	80	✓
<b>50 079</b>	31.2 W	2250 lm	DALI	A++	340	90	✓
<b>50 080</b>	43.0 W	3325 lm	DALI	A++	390	100	✓
<b>50 081</b>	69.5 W	4765 lm	DALI	A++	470	115	✓
	Lamp		Base				
<b>50 109</b>	1 TC-TELI	26 W	GX24 q-3	A-B	250	80	✓
<b>50 110</b>	2 TC-TELI	26 W	GX24 q-3	A-B	340	90	✓
<b>50 111</b>	2 TC-TELI	32 W	GX24 q-3	A-B	390	100	✓
<b>50 114</b>	2 lamps	75 W	E 27	A++-E	340	90	—
<b>50 115</b>	3 lamps	60 W	E 27	A++-E	390	100	—

#### Trim rings

White	S/steel	Chrome
<b>13 076</b>	<b>13 077</b>	<b>13 078</b>
<b>13 079</b>	<b>13 080</b>	<b>13 081</b>
<b>13 082</b>	<b>13 083</b>	<b>13 084</b>
<b>13 085</b>	<b>13 086</b>	<b>13 087</b>



#### Ceiling and wall luminaires

Protection class IP 44

Luminaires for ceilings and walls, as solutions to practically every indoor planning and project planning task. They are solid, reliable lighting tools that will continue to do their job over a long operating period.

Luminaires in various sizes with LED or for lamps with screw base E 14 and E 27.

You will find suitable BEGA LED lamps on Page 318.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

Protection class IP 44 · Metal fitting white enamel finish · Satin matt opal glass

LED luminaires: Luminaires optionally with on/off power supply unit or DALI controllable power supply unit

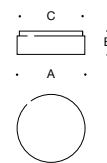
Colour rendering index (CRI) >90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



	LED		PSU	EEC	A	B	C	AC/DC
<b>12 150</b>	8.5 W	825 lm	on/off	A++	220	90	195	—
<b>50 650</b>	19.7 W	1660 lm	on/off	A++	300	100	265	✓
<b>50 655</b>	19.7 W	1660 lm	DALI	A++	300	100	265	✓
<b>50 656</b>	25.8 W	2310 lm	DALI	A++	350	120	305	✓
<b>50 657</b>	45.6 W	3570 lm	DALI	A++	390	120	355	✓
	Lamp		Base					
<b>89 009</b>	1 lamp	40 W	E 14	A++-E	160	80	130	—
<b>89 010</b>	1 lamp	75 W	E 27	A++-E	220	90	195	—
<b>89 011</b>	2 lamps	60 W	E 27	A++-E	300	100	265	—
<b>89 340</b>	2 lamps	75 W	E 27	A++-E	350	120	305	—
<b>89 012</b>	3 lamps	75 W	E 27	A++-E	390	120	355	—



• 340 •



• 390 •



• 470 •

#### Ceiling and wall luminaires

Protection class IP 44

Luminaires for indoors in various sizes with satin matt hand-blown opal glass in an unmistakable characteristic shape. An impressive feature is the high-precision and sharp-lined contour of the glass edge. The flat design and large projection in relation to the fitting require maximum craftsmanship and characterise the aesthetic quality of these luminaires.

Ceiling and wall luminaires with LED or for fluorescent lamps and lamps with screw base E 27. You will find suitable BEGA LED lamps on Page 318.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

Protection class IP 44 · Metal fitting white enamel finish

Satin matt opal glass or impact-resistant synthetic cover

LED luminaires: Luminaires optionally with on/off power supply unit or DALI controllable power supply unit

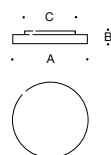
Colour rendering index (CRI) >90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

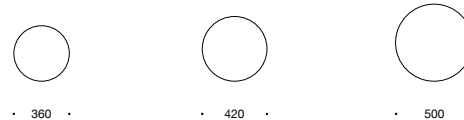
The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Opal glass		Synthetic material		LED	PSU	EEC	A	B	C	AC/DC
<b>50 651</b>	1600 lm	<b>50 651 P</b>	1760 lm	18.9 W	on/off	A++	340	85	265	✓
<b>50 652</b>	2100 lm	<b>50 652 P</b>	2430 lm	29.4 W	on/off	A++	390	85	300	✓
<b>34 287</b>	1600 lm	<b>34 287 P</b>	1760 lm	18.9 W	DALI	A++	340	85	265	✓
<b>34 288</b>	2100 lm	<b>34 288 P</b>	2430 lm	29.4 W	DALI	A++	390	85	300	✓
<b>23 297</b>	3305 lm	<b>23 297 P</b>	3825 lm	43.5 W	DALI	A++	470	95	360	✓
				Lamp	Base					
<b>89 767</b>		<b>89 767 P</b>		1 TC-TELI 26 W	GX24 q-3	A-B	340	85	265	✓
<b>67 635</b>		<b>67 635 P</b>		2 TC-TELI 26 W	GX24 q-3	A-B	390	85	300	✓
<b>67 636</b>		<b>67 636 P</b>		2 TC-TELI 32 W	GX24 q-3	A-B	470	95	360	✓
<b>89 764</b>				2 lamps 60 W	E 27	A++-E	340	85	265	—
<b>89 765</b>				2 lamps 75 W	E 27	A++-E	390	85	300	—
<b>89 766</b>				3 lamps 60 W	E 27	A++-E	470	95	360	—





#### Ceiling and wall luminaires

Protection class IP 44

High-quality, satin matt hand-blown luminaire glass in an unmistakable characteristic shape. Distinctly contoured glass edges, a large projection in relation to the luminaire housing and the flat design require maximum craftsmanship and characterise the aesthetic quality of these luminaires. The light is shielded to the side by the metal shield. The result is an impressive contrast between the shining glass and the shield. Part of the light is directed at the back onto the installation surface so that the luminaires appear to hover.

Luminaires in various sizes for indoors with LED or for lamps with screw base E 27. You will find suitable BEGA LED lamps on Page 318.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

Luminaires with LED in this series with a **P** added to the article number are also available with a cover made of impact-resistant synthetic material for applications in which glass cannot be used.

Protection class IP 44 · Metal housing available in a choice of 2 finishes

Satin matt opal glass or impact-resistant synthetic cover

LED luminaires: Luminaires optionally with on/off power supply unit or DALI controllable power supply unit

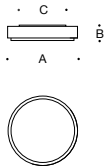
Colour rendering index (CRI) >90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.

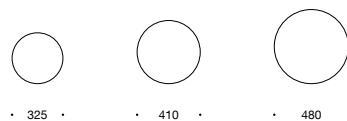


White enamel finish  
Code number .1



White aluminium enamel finish  
Code number .2

White enamel finish · Code number .1									
Opal glass		Synthetic material		LED	PSU	EEC	A	B	C AC/DC
50 653.1	1335 lm	50 653.1P	1465 lm	18.9 W	on/off	A++	360	85	265 ✓
50 654.1	1930 lm	50 654.1P	2120 lm	29.4 W	on/off	A++	420	85	300 ✓
34 278.1	1335 lm	34 278.1P	1465 lm	18.9 W	DALI	A++	360	85	265 ✓
34 279.1	1930 lm	34 279.1P	2120 lm	29.4 W	DALI	A++	420	85	300 ✓
12 165.1	3200 lm	12 165.1P	3515 lm	43.5 W	DALI	A++	500	95	360 ✓
				Lamp	Base				
89 758.1				2 lamps	60 W	E 27	A++-E	360	85 265 —
89 759.1				2 lamps	75 W	E 27	A++-E	420	85 300 —
89 760.1				3 lamps	60 W	E 27	A++-E	500	95 360 —



#### PRIMA LED ceiling and wall luminaires

Luminaires in the PRIMA series are designed for all applications requiring reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile – of course with durable LED technology.

Luminaires with hand-blown luminaire glass in an unmistakable characteristic shape. Cost-effective and with durable technology, these luminaires, available in various sizes and with different light outputs, offer a broad spectrum of planning options. Choose between two light outputs with the same diameter. This additional option means that both output and number of luminaires can be used as factors in the lighting planning and interior design.

Metal fitting white enamel finish · Satin matt opal glass

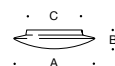
Luminaires optionally with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature: 3000 K – article number + **K3**, 2700 K – article number + **K2** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



	LED		PSU	EEC	A	B	C	AC/DC
<b>50 504</b>	10.5 W	625 lm	on/off	A++	325	90	230	—
<b>50 464</b>	16.1 W	900 lm	on/off	A++	325	90	230	—
<b>50 505</b>	20.9 W	1435 lm	on/off	A++	410	98	315	✓
<b>50 465</b>	31.6 W	2215 lm	on/off	A++	410	98	315	✓
<b>50 506</b>	33.0 W	2030 lm	on/off	A++	480	115	380	✓
<b>50 466</b>	48.7 W	3170 lm	on/off	A++	480	115	380	✓
<b>50 507</b>	20.9 W	1435 lm	DALI	A++	410	98	315	✓
<b>50 508</b>	31.6 W	2215 lm	DALI	A++	410	98	315	✓
<b>50 509</b>	33.0 W	2030 lm	DALI	A++	480	115	380	✓
<b>50 510</b>	48.7 W	3170 lm	DALI	A++	480	115	380	✓



Select the required finish by  
changing the code number.



White enamel finish  
Code number .1



Polished aluminium  
Code number .3



Brass · Code number .4



LED ceiling and wall luminaires

Protection class IP 44

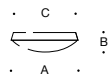
Ceiling and wall luminaires for indoors in various sizes and finishes. The hand-blown opal glass is held by solid cast luminaire housings made of aluminium. Luminaires with a strongly captivating three-dimensional effect that are characterised by their shallow projection and wide range of light outputs. These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

Protection class IP 44 · Metal housing available in a choice of 3 finishes · Satin matt opal glass DALI controllable · Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
50 668.1	12.1 W	840 lm	DALI	A++	220	85	200	✓
50 669.1	22.3 W	2040 lm	DALI	A++	280	90	260	✓
50 670.1	32.4 W	2550 lm	DALI	A++	350	100	325	✓
50 671.1	49.0 W	3380 lm	DALI	A++	400	105	375	✓





• 220 •



• 255 •



• 300 •



• 350 •



• 400 •

### Ceiling and wall luminaires

Protection class IP 44

Luminaires for indoors in various sizes. The hand-blown opal glass with its satin matt finish characterises these luminaires with LED or for lamps with screw base E 27. You will find suitable BEGA LED lamps on Page 318.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

Separate metal trim rings in 4 finishes allow you to adapt the luminaires to different materials indoors. Trim rings are accessories and must be ordered separately.

Protection class IP 44 · Metal fitting white enamel finish · Satin matt opal glass  
LED luminaires: Luminaires with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) > 90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Trim ring  
White enamel finish



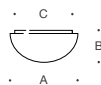
Stainless steel trim ring



Chrome trim ring



Brass trim ring

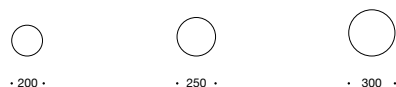
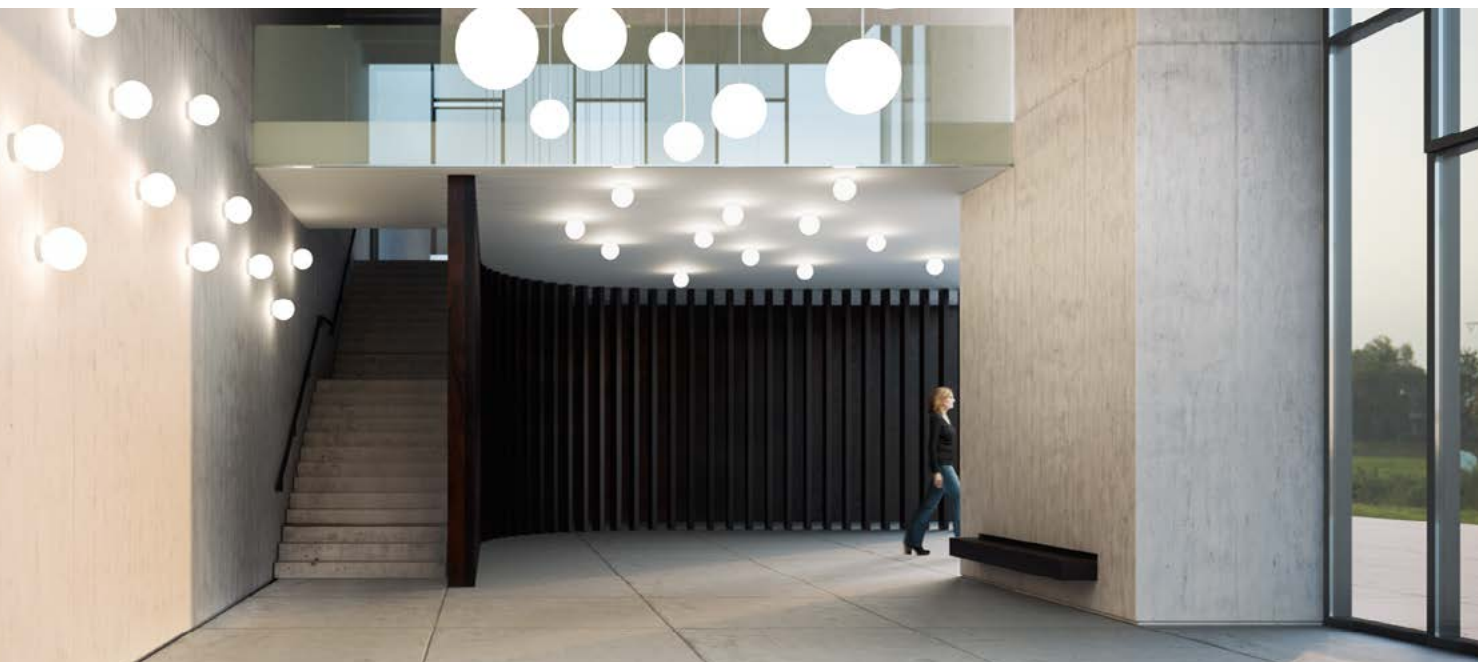


#### Ceiling and wall luminaires

	LED		PSU	EEC	A	B	C	AC/DC
<b>12 223</b>	8.5 W	780 lm	on/off	A++	220	110	195	—
<b>50 658</b>	13.1 W	1025 lm	on/off	A++	255	125	230	✓
<b>50 659</b>	19.7 W	1660 lm	DALI	A++	300	145	265	✓
<b>50 660</b>	25.8 W	1940 lm	DALI	A++	350	170	310	✓
<b>50 661</b>	45.6 W	3620 lm	DALI	A++	400	195	355	✓
	Lamp		Base					
<b>67 984</b>	1 lamp	75 W	E 27	A++-E	220	110	195	—
<b>67 985</b>	1 lamp	100 W	E 27	A++-E	255	125	230	—
<b>67 936</b>	2 lamps	60 W	E 27	A++-E	300	145	265	—
<b>67 937</b>	2 lamps	75 W	E 27	A++-E	350	170	310	—

#### Trim rings

White	S/steel	Chrome	Brass
<b>13 054</b>	<b>13 055</b>	<b>13 056</b>	<b>13 057</b>
<b>13 058</b>	<b>13 059</b>	<b>13 060</b>	<b>13 061</b>
<b>13 062</b>	<b>13 063</b>	<b>13 064</b>	<b>13 065</b>
<b>13 066</b>	<b>13 067</b>	<b>13 068</b>	<b>13 069</b>
<b>13 070</b>	<b>13 071</b>	<b>13 072</b>	<b>13 073</b>



## Ceiling and wall luminaires

Luminaires in various sizes with hand-blown satin matt opal glass and cast metal fittings made of high-quality aluminium. Luminaires with LED or for lamps with screw base E 27.

You will find suitable BEGA LED lamps on Page 318.

The perfectly shaped sphere is probably one of the most important of all design elements. As a basic geometric shape, it always has a calming and positive effect. Timeless beauty – purity and perfection. Classic luminaires for a host of lighting applications in continuance of a long tradition.

Separate metal trim rings in 3 finishes allow you to adapt the luminaires to different materials indoors. Trim rings are accessories and must be ordered separately.

Metal fitting white enamel finish · Satin matt opal glass

LED luminaires: On/off power supply unit · Colour rendering index (CRI) > 90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



For recessed ceiling and wall luminaires, see Page 46.



For pendant luminaires, see Pages 258 to 261.



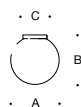
Stainless steel trim ring



Trim ring made of polished aluminium



Brass trim ring

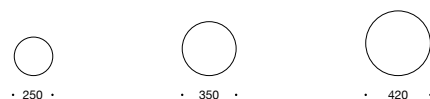


#### Ceiling and wall luminaires

	LED		PSU	EEC	A	B	C	AC/DC
<b>50 538</b>	10.0 W	980 lm	on/off	A++	200	210	110	✓
<b>50 539</b>	19.5 W	1740 lm	on/off	A++	250	250	135	✓
<b>50 540</b>	27.6 W	2610 lm	on/off	A++	300	300	165	✓
	Lamp		Base					
<b>50 573</b>	1 lamp	75 W	E 27	A++-E	200	210	110	—
<b>50 574</b>	1 lamp	100 W	E 27	A++-E	250	250	135	—

#### Trim rings

Stainless steel	Polished aluminium	Brass
<b>13 180</b>	<b>13 181</b>	<b>13 182</b>
<b>13 183</b>	<b>13 184</b>	<b>13 185</b>
<b>13 186</b>	<b>13 187</b>	<b>13 188</b>



#### PRIMA LED ceiling and wall luminaires

Luminaires in the PRIMA series are designed for all applications requiring reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile – of course with durable LED technology.

Luminaires with satin matt hand-blown opal glass. These luminaires are available optionally: for on/off operation, DALI controllable, with motion sensor or with various group module functions – in this case, one luminaire with a motion sensor and group module (master) will control several other luminaires with a group module (slave).

The optional selection between two output levels for each luminaire diameter allows you to directly influence the number of luminaires, the light effect and the interior design as early as the planning stage. Luminaires are also available with a cover made of impact-resistant synthetic material for applications in which glass cannot be used.

Separate metal trim rings in 3 finishes allow you to adapt the luminaires to different materials indoors. Trim rings are accessories and must be ordered separately.

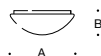
Metal fitting white enamel · Satin matt opal glass or impact-resistant synthetic cover  
Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature: 3000 K – article number + **K3**, 2700 K – article number + **K2**  
or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Trim ring  
White enamel finish



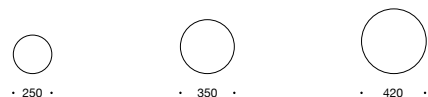
Trim ring  
Palladium enamel finish



Trim ring  
Polished silver enamel finish

Opal glass		Synthetic material								Trim rings		
				LED	Integrated components	EEC	A	B	AC/DC	White	Palladium	Polished silver
12 132	625 lm	12 132 P	770 lm	10.5 W	on/off power supply unit	A++	250	90	—	13 001	13 002	13 003
12 133	900 lm	12 133 P	1155 lm	16.1 W	on/off power supply unit	A++	250	90	—	13 001	13 002	13 003
12 138	1435 lm	12 138 P	1650 lm	20.9 W	on/off power supply unit	A++	350	100	✓	13 004	13 005	13 006
12 139	2215 lm	12 139 P	2630 lm	31.6 W	on/off power supply unit	A++	350	100	✓	13 004	13 005	13 006
50 015	2030 lm	50 015 P	2980 lm	33.0 W	on/off power supply unit	A++	420	115	✓	13 007	13 008	13 009
50 016	3170 lm	50 016 P	4150 lm	48.7 W	on/off power supply unit	A++	420	115	✓	13 007	13 008	13 009
12 140	1435 lm	12 140 P	1650 lm	20.9 W	DALI controllable	A++	350	100	✓	13 004	13 005	13 006
12 141	2215 lm	12 141 P	2630 lm	31.6 W	DALI controllable	A++	350	100	✓	13 004	13 005	13 006
50 017	2030 lm	50 017 P	2980 lm	33.0 W	DALI controllable	A++	420	115	✓	13 007	13 008	13 009
50 018	3170 lm	50 018 P	4150 lm	48.7 W	DALI controllable	A++	420	115	✓	13 007	13 008	13 009
12 136	625 lm	12 136 P	770 lm	11.5 W	Motion sensor	A++	250	90	—	13 001	13 002	13 003
12 137	900 lm	12 137 P	1155 lm	17.1 W	Motion sensor	A++	250	90	—	13 001	13 002	13 003
12 142	1435 lm	12 142 P	1650 lm	21.9 W	Motion sensor	A++	350	100	—	13 004	13 005	13 006
12 143	2215 lm	12 143 P	2630 lm	32.6 W	Motion sensor	A++	350	100	—	13 004	13 005	13 006
50 019	2030 lm	50 019 P	2980 lm	34.0 W	Motion sensor	A++	420	115	—	13 007	13 008	13 009
50 020	3170 lm	50 020 P	4150 lm	49.7 W	Motion sensor	A++	420	115	—	13 007	13 008	13 009
50 021	1435 lm	50 021 P	1650 lm	22.4 W	Motion sensor + group module (master)	A++	350	100	—	13 004	13 005	13 006
50 022	2215 lm	50 022 P	2630 lm	33.1 W	Motion sensor + group module (master)	A++	350	100	—	13 004	13 005	13 006
50 025	2030 lm	50 025 P	2980 lm	34.5 W	Motion sensor + group module (master)	A++	420	115	—	13 007	13 008	13 009
50 026	3170 lm	50 026 P	4150 lm	50.3 W	Motion sensor + group module (master)	A++	420	115	—	13 007	13 008	13 009
50 023	1435 lm	50 023 P	1650 lm	21.4 W	Slave module	A++	350	100	—	13 004	13 005	13 006
50 024	2215 lm	50 024 P	2630 lm	32.1 W	Slave module	A++	350	100	—	13 004	13 005	13 006
50 027	2030 lm	50 027 P	2980 lm	33.5 W	Slave module	A++	420	115	—	13 007	13 008	13 009
50 028	3170 lm	50 028 P	4150 lm	49.2 W	Slave module	A++	420	115	—	13 007	13 008	13 009





#### PRIMA LED ceiling and wall luminaires

Luminaires in the PRIMA series are designed for all applications requiring reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile – of course with durable LED technology.

Luminaires with satin matt hand-blown opal glass. These luminaires are available optionally: for on/off operation, DALI controllable, with motion sensor or with various group module functions – in this case, one luminaire with a motion sensor and group module (master) will control several other luminaires with a group module (slave). The optional selection between two output levels for each luminaire diameter allows you to directly influence the number of luminaires, the light effect and the interior design as early as the planning stage.

Luminaires are also available with a cover made of impact-resistant synthetic material for applications in which glass cannot be used.

Separate metal trim rings in 3 finishes allow you to adapt the luminaires to different materials indoors. Trim rings are accessories and must be ordered separately.

Metal fitting in white enamel finish

Satin matt opal glass or impact-resistant synthetic cover

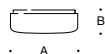
Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature: 3000 K – article number + **K3**, 2700 K – article number + **K2** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Trim ring  
White enamel finish



Trim ring  
Palladium enamel finish



Trim ring  
Polished silver enamel finish

Opal glass		Synthetic material								Trim rings		
				LED	Integrated components	EEC	A	B	AC/DC	White	Palladium	Polished silver
50 029	585 lm	50 029 P	860 lm	10.5 W	on/off power supply unit	A++	250	95	—	13 001	13 002	13 003
50 030	880 lm	50 030 P	1240 lm	16.1 W	on/off power supply unit	A++	250	95	—	13 001	13 002	13 003
50 031	1285 lm	50 031 P	1875 lm	20.9 W	on/off power supply unit	A++	350	110	✓	13 004	13 005	13 006
50 032	2210 lm	50 032 P	2885 lm	31.6 W	on/off power supply unit	A++	350	110	✓	13 004	13 005	13 006
50 033	2415 lm	50 033 P	3070 lm	32.5 W	on/off power supply unit	A++	420	125	✓	13 007	13 008	13 009
50 034	3410 lm	50 034 P	4340 lm	48.7 W	on/off power supply unit	A++	420	125	✓	13 007	13 008	13 009
50 035	1285 lm	50 035 P	1875 lm	20.9 W	DALI controllable	A++	350	110	✓	13 004	13 005	13 006
50 036	2210 lm	50 036 P	2885 lm	31.6 W	DALI controllable	A++	350	110	✓	13 004	13 005	13 006
50 037	2415 lm	50 037 P	3070 lm	32.5 W	DALI controllable	A++	420	125	✓	13 007	13 008	13 009
50 038	3410 lm	50 038 P	4340 lm	48.7 W	DALI controllable	A++	420	125	✓	13 007	13 008	13 009
50 039	585 lm	50 039 P	860 lm	11.5 W	Motion sensor	A++	250	95	—	13 001	13 002	13 003
50 040	880 lm	50 040 P	1240 lm	17.1 W	Motion sensor	A++	250	95	—	13 001	13 002	13 003
50 041	1285 lm	50 041 P	1875 lm	21.9 W	Motion sensor	A++	350	110	—	13 004	13 005	13 006
50 042	2210 lm	50 042 P	2885 lm	32.6 W	Motion sensor	A++	350	110	—	13 004	13 005	13 006
50 043	2415 lm	50 043 P	3070 lm	33.5 W	Motion sensor	A++	420	125	—	13 007	13 008	13 009
50 044	3410 lm	50 044 P	4340 lm	49.7 W	Motion sensor	A++	420	125	—	13 007	13 008	13 009
50 045	1285 lm	50 045 P	1875 lm	22.4 W	Motion sensor + group module (master)	A++	350	110	—	13 004	13 005	13 006
50 046	2210 lm	50 046 P	2885 lm	33.1 W	Motion sensor + group module (master)	A++	350	110	—	13 004	13 005	13 006
50 049	2415 lm	50 049 P	3070 lm	34.0 W	Motion sensor + group module (master)	A++	420	125	—	13 007	13 008	13 009
50 050	3410 lm	50 050 P	4340 lm	50.2 W	Motion sensor + group module (master)	A++	420	125	—	13 007	13 008	13 009
50 047	1285 lm	50 047 P	1875 lm	21.4 W	Slave module	A++	350	110	—	13 004	13 005	13 006
50 048	2210 lm	50 048 P	2885 lm	32.1 W	Slave module	A++	350	110	—	13 004	13 005	13 006
50 051	2415 lm	50 051 P	3070 lm	33.0 W	Slave module	A++	420	125	—	13 007	13 008	13 009
50 052	3410 lm	50 052 P	4340 lm	49.2 W	Slave module	A++	420	125	—	13 007	13 008	13 009



#### PRIMA LED ceiling and wall luminaires

Luminaires in the PRIMA series are designed for all applications requiring reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile – of course with durable LED technology.

Luminaires with satin matt hand-blown opal glass. These luminaires are available optionally: for on/off operation, DALI controllable, with motion sensor or with various group module functions – in this case, one luminaire with a motion sensor and group module (master) will control several other luminaires with a group module (slave).

Luminaires are also available with a cover made of impact-resistant synthetic material for applications in which glass cannot be used.

Separate metal trim frames in 3 finishes allow you to adapt the luminaires to different materials indoors. Trim frames are accessories and must be ordered separately.

Metal fitting in white enamel finish

Satin matt opal glass or impact-resistant synthetic cover · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

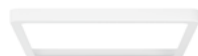
LED colour temperature:

3000K – article number + **K3**, 2700K – article number + **K2** or 4000K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





Trim frame  
White enamel finish



Trim frame  
Palladium enamel finish



Trim frame  
Polished silver enamel finish

Opal glass		Synthetic material								Trim frame		
				LED	Integrated components	EEC	A	B	AC/DC	White	Palladium	Polished silver
50 300	810 lm	50 300 P	1065 lm	9.5 W	on/off power supply unit	A++	240	90	—	13 134	13 135	13 136
50 301	1135 lm	50 301 P	1485 lm	14.8 W	on/off power supply unit	A++	240	90	—	13 134	13 135	13 136
50 302	1535 lm	50 302 P	2120 lm	17.8 W	on/off power supply unit	A++	320	100	✓	13 137	13 138	13 139
50 303	2245 lm	50 303 P	3075 lm	27.0 W	on/off power supply unit	A++	320	100	✓	13 137	13 138	13 139
50 306	1535 lm	50 306 P	2120 lm	17.8 W	DALI controllable	A++	320	100	✓	13 137	13 138	13 139
50 307	2245 lm	50 307 P	3075 lm	27.0 W	DALI controllable	A++	320	100	✓	13 137	13 138	13 139
50 310	810 lm	50 310 P	1065 lm	10.5 W	Motion sensor	A++	240	90	—	13 134	13 135	13 136
50 311	1135 lm	50 311 P	1485 lm	15.8 W	Motion sensor	A++	240	90	—	13 134	13 135	13 136
50 312	1535 lm	50 312 P	2120 lm	18.8 W	Motion sensor	A++	320	100	—	13 137	13 138	13 139
50 313	2245 lm	50 313 P	3075 lm	28.0 W	Motion sensor	A++	320	100	—	13 137	13 138	13 139
50 316	1535 lm	50 316 P	2120 lm	19.3 W	Motion sensor + group module (master)	A++	320	100	—	13 137	13 138	13 139
50 317	2245 lm	50 317 P	3075 lm	28.5 W	Motion sensor + group module (master)	A++	320	100	—	13 137	13 138	13 139
50 320	1535 lm	50 320 P	2120 lm	18.3 W	Slave module	A++	320	100	—	13 137	13 138	13 139
50 321	2245 lm	50 321 P	3075 lm	27.5 W	Slave module	A++	320	100	—	13 137	13 138	13 139



The luminaires can be installed in any burning position.

#### Ceiling and wall luminaires

Protection class IP 44

Luminaires for indoors in various sizes for many different uses as ceiling or wall luminaires. The cased opal luminaire glass with satin matt surface is held by solid cast fittings of high-quality aluminium. Luminaires with LED or for lamps with screw base E 14 · E 27. You will find suitable BEGA LED lamps on Page 318.

Singly or in groups, these luminaires are light elements to enhance architecture by day and by night.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting. They are solid, reliable lighting tools that will continue to do their job over a long operating period.

Metal fitting white enamel finish · Satin matt opal glass

LED luminaires: Luminaires with BEGA AC module, on/off power supply unit or DALI controllable power supply unit · Technical data of the BEGA AC module on Page 322

LED luminaires: Colour rendering index (CRI) >90 · 50 495 Colour rendering index (CRI) >80

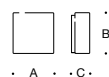
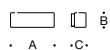
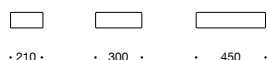
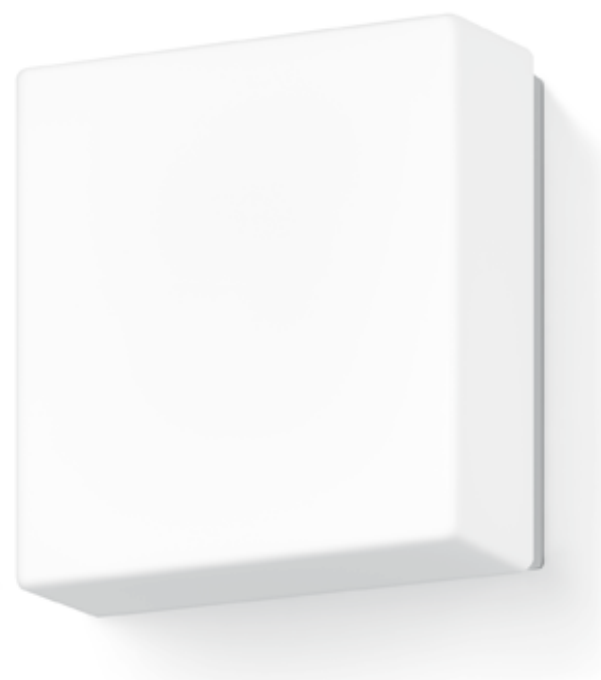
The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

LED colour temperature 50 495: 3000 K – Article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Rectangle								
	LED		PSU	EEC	A	B	C	AC/DC
50 495	8.0 W	590 lm	AC module	A++	210	100	90	—
50 496	9.3 W	890 lm	on/off	A++	300	100	100	✓
50 497	22.0 W	2150 lm	DALI	A++	450	100	100	✓
	Lamp		Base					
34 161	1 lamp	60 W	E 27	A++-E	210	100	90	—
34 162	2 lamps	40 W	E 27	A++-E	300	100	100	—
34 786	3 lamps	40 W	E 27	A++-E	450	100	100	—

Square								
	LED		PSU	EEC	A	B	C	AC/DC
12 146	5.2 W	430 lm	on/off	A++	160	160	90	✓
12 147	9.6 W	840 lm	DALI	A++	210	210	120	✓
12 148	16.7 W	1400 lm	DALI	A++	280	280	130	✓
12 149	31.5 W	2830 lm	DALI	A++	320	320	130	✓
	Lamp		Base					
89 016	1 lamp	40 W	E 14	A++-E	160	160	90	—
89 017	1 lamp	75 W	E 27	A++-E	210	210	120	—
89 018	2 lamps	60 W	E 27	A++-E	280	280	130	—
89 019	4 lamps	40 W	E 27	A++-E	320	320	130	—





## LED ceiling and wall luminaires

Ceiling and wall luminaires in various sizes and surface finishes.  
Compact luminaires with shallow projection and handcrafted crystal glass.  
The exceptionally thick glass and precision metal housing characterise the distinctive design of these high-quality luminaires for indoors.

Metal housing available with a choice of 3 finishes · Crystal glass, inside white · DALI controllable  
Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





Select the required finish by changing the code number.



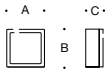
White enamel finish  
Code number .1



S/steel · Code number .2



Chrome · Code number .3



White enamel finish · Code number .1

	LED		PSU	EEC	A	B	C	AC/DC
12 188.1	10.2 W	640 lm	DALI	A++	155	155	70	✓
12 189.1	14.2 W	775 lm	DALI	A++	195	195	70	✓



• 175 •



• 200 •



• 275 •

#### LED ceiling and wall luminaires

Protection class IP 44

Classic, timeless luminaires with a new interpretation: With its contemporary timeless design and LED technology, this series of luminaires continues a long tradition. In captivating quality, this series presents high-precision metal housings, exquisite finishes and hand-blown satin matt opal glass.

Designed optionally for use on ceilings or on walls. These luminaires are suitable in particular for arranging in groups. They can be used for many indoor lighting applications.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

And as solid and reliable lighting tools they will continue to do their job over long operating periods.

Protection class IP 44 · Metal housing available in a choice of 2 finishes  
Satin matt opal glass · Luminaires optionally with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by  
changing the code number.



S/steel · Code number **.2**

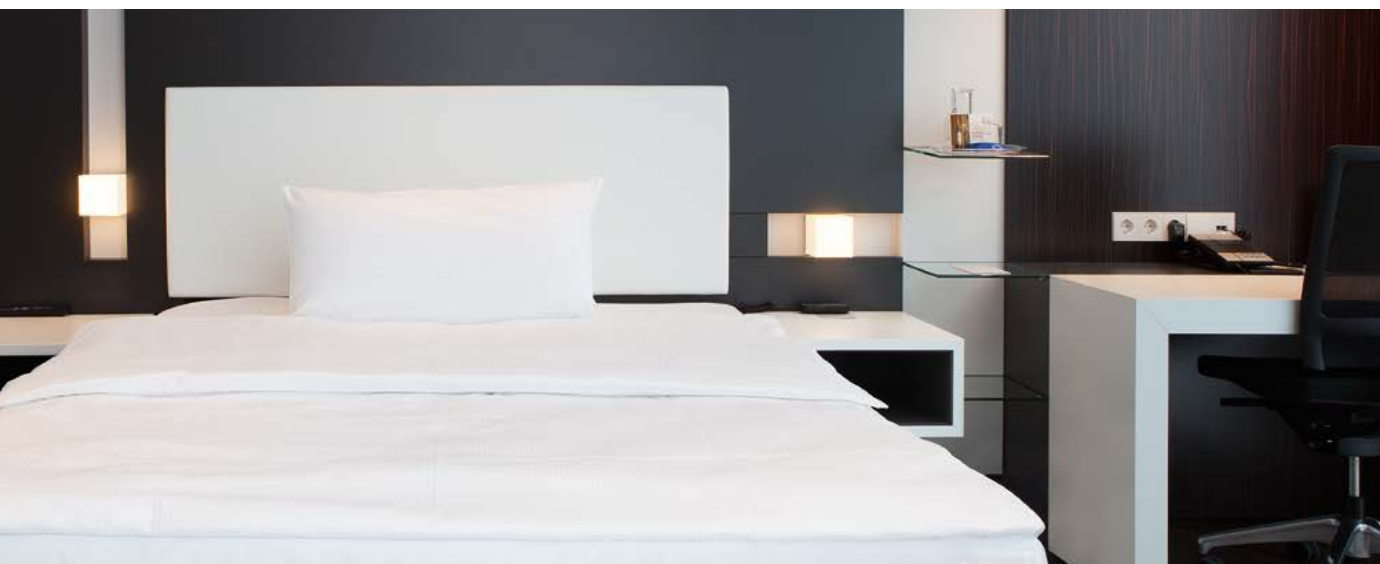


Chrome · Code number **.3**



**Stainless steel · Code number **.2****

	LED		PSU	EEC	A	B	C	AC/DC
<b>23 392.2</b>	7.7 W	535 lm	on/off	A++	175	175	70	✓
<b>50 662.2</b>	12.0 W	1080 lm	on/off	A++	200	200	90	✓
<b>50 663.2</b>	22.8 W	2090 lm	on/off	A++	275	275	95	✓
<b>50 664.2</b>	12.0 W	1080 lm	DALI	A++	200	200	90	✓
<b>50 665.2</b>	22.8 W	2090 lm	DALI	A++	275	275	95	✓



### Ceiling and wall luminaires

Protection class IP 44

Ceiling and wall luminaires with precision metal housings, exquisite finishes and hand-blown three-ply opal glass. Luminaires with LED or for lamps with screw base E 14 and E 27. You will find suitable BEGA LED lamps on Page 318.

The luminaires are designed optionally for use on ceilings or on walls. These luminaires are suitable in particular for arranging in groups. They can be used for many indoor lighting applications.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

And as solid and reliable lighting tools they will continue to do their job over long operating periods.

Protection class IP 44 · Metal housing available in a choice of 2 finishes

Satin matt opal glass

LED luminaire: on/off power supply unit · Colour rendering index (CRI) > 90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





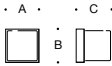
Select the required finish by changing the code number.



S/steel · Code number .2

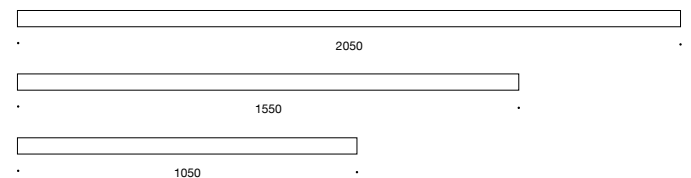
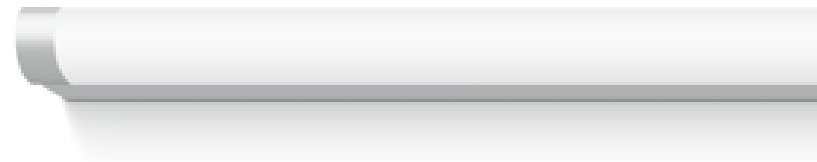


Chrome · Code number .3



Stainless steel · Code number .2								
	LED		PSU	EEC	A	B	C	AC/DC
<b>23 407.2</b>	11.0 W	965 lm	on/off	A++	170	170	185	✓
	Lamp		Base					
<b>50 666.2</b>	1 lamp	40 W	E 14	A++- E	120	120	135	—
<b>50 667.2</b>	1 lamp	60 W	E 27	A++- E	170	170	185	—





**LINEARA**  
**LED ceiling and wall luminaires**  
Lengths 1050 · 1550 · 2050 mm

A series of unshielded LED luminaires in three lengths for ceilings or walls. LED technology and our in-house LED module production allow us to break new ground in luminaire design and to develop unique new luminaires with custom dimensions.

These unusual design lengths open up novel and creative options in many areas of interior design.

The luminaires can be installed in any burning position.

Metal housing available with a choice of 2 finishes

Luminaire covers made of synthetic material

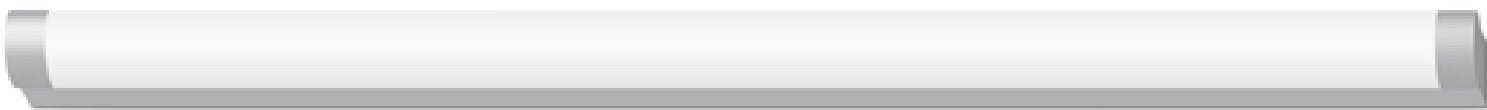
DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



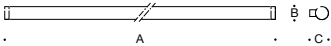
Select the required finish by  
changing the code number.



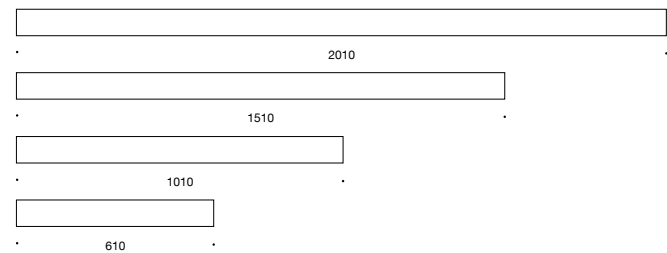
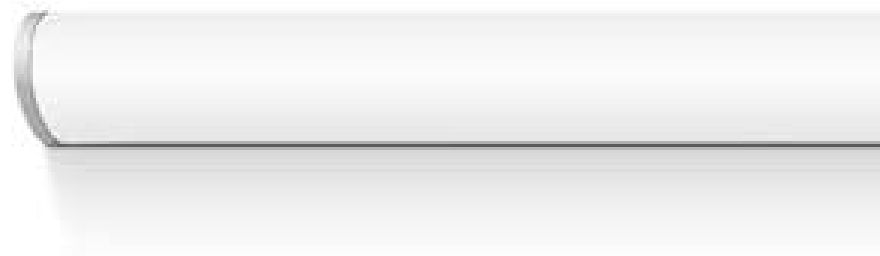
White enamel finish  
Code number .1



Matt aluminium  
Code number .2



White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
50 142.1	41 W	4355 lm	DALI	A++	1050	50	80	✓
50 143.1	61 W	6510 lm	DALI	A++	1550	50	80	✓
50 144.1	80 W	8980 lm	DALI	A++	2050	50	80	✓



#### LINEARA

##### LED ceiling and wall luminaires

Lengths 610 · 1010 · 1510 · 2010mm

A new series of unshielded LED luminaires in four lengths for ceilings or walls. LED technology and our in-house LED module production allow us to break new ground in luminaire design and to develop unique new luminaires with custom dimensions.

These unusual design lengths open up novel and creative options in many areas of interior design.

The luminaires can be installed in any burning position.

Metal housing available with a choice of 2 finishes

Luminaire covers made of synthetic material

DALI controllable · Colour rendering index (CRI) > 90

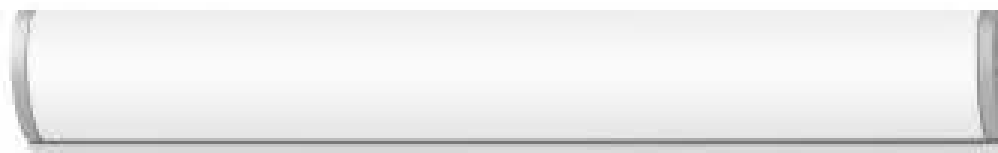
These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



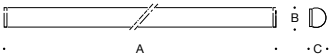
Select the required finish by  
changing the code number.



White enamel finish  
Code number .1



Matt aluminium  
Code number .2



White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
50 215.1	27 W	2295 lm	DALI	A++	610	85	70	✓
50 216.1	41 W	4710 lm	DALI	A++	1010	85	70	✓
50 217.1	61 W	6905 lm	DALI	A++	1510	85	70	✓
50 218.1	80 W	9425 lm	DALI	A++	2010	85	70	✓



### LED wall luminaires

Light emission on two sides

LED luminaires in different sizes and light outputs. These luminaires are characterised by handcrafted, partially frosted crystal glass with impressive light graphics. They combine our glass-making skills with efficient lighting technology in luminaires of both noble charm and high performance.

The results are excellent lighting tools for the effective illumination of walls, pillars and architectural details – singly or in groups.

For matching recessed ceiling luminaires, see Pages 24 to 27, for ceiling luminaires, see Page 86 – for pendant luminaires, see Page 244.

Metal housing available with a choice of 2 finishes

Partially frosted crystal glass · Reflector made of pure anodised aluminium  
DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Luminaires with impressive light graphics



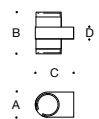
Select the required finish by changing the code number.



White enamel finish  
Code number **.1**



S/steel · Code number **.2**



White enamel finish · Code number <b>.1</b>									
	LED		PSU	EEC	A	B	C	D	AC/DC
<b>50 601.1</b>	19.4 W	1380 lm	DALI	A++	120	165	160	50	✓
<b>50 602.1</b>	27.0 W	2070 lm	DALI	A++	135	180	180	50	✓



#### LED wall washers

Light emission on two sides

LED wall washers with light emission on two sides and rotationally symmetrical wide beam light distribution.

The results are excellent lighting tools for the efficient and effective illumination of walls, pillars and architectural details – singly or in groups. The low connected wattage and the long service life of the LEDs make them cost-effective devices. The luminaires have two integral power supply units and are individually DALI controllable.

For matching ceiling luminaires, see Page 84 – for pendant luminaires, see Page 246.

Metal housing available with a choice of 2 finishes · Safety glass

Reflector made of pure anodised aluminium

DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





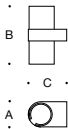
Select the required finish by changing the code number.



Velvet white enamel finish  
Code number .1



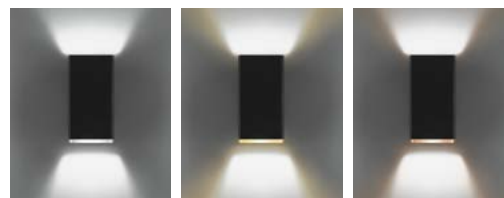
Velvet black enamel finish  
Code number .5



Velvet white enamel finish · Code number .1								
	LED		PSU	EEC	β	A	B	C
50 603.1	19.4 W	1880 lm	DALI	A++	35°	120	270	160
50 604.1	27.0 W	2600 lm	DALI	A++	35°	135	295	180

β = Half beam angle





Depending on the surface colour on the inside of these luminaires, the result is light with a neutral or warm colour temperature.

#### STUDIO LINE

##### **LED wall luminaires**

Light emission on two sides

These LED wall luminaires belong to the luminaire series STUDIO LINE. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay.

We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Metal housing with velvet black or velvet white enamel finish

Interior colour available with a choice of 3 finishes

BEGA AC module · Technical data of the BEGA AC module on Page 322

Colour rendering index (CRI) > 80

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



Select the required interior colour  
by changing the code number.



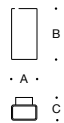
Interior colour matt aluminium  
Code number **.2**



Interior colour matt brass  
Code number **.4**



Interior colour matt copper  
Code number **.6**



Interior colour <b>matt aluminium</b> · Code number <b>.2</b>								
Velvet black	Velvet white	LED		PSU	EEC	A	B	C
<b>50 213.2</b>	<b>50 349.2</b>	12 W	370 lm	AC module	A++	100	180	90
<b>50 214.2</b>	<b>50 350.2</b>	16 W	485 lm	AC module	A++	120	220	90



## STUDIO LINE

### LED wall luminaires

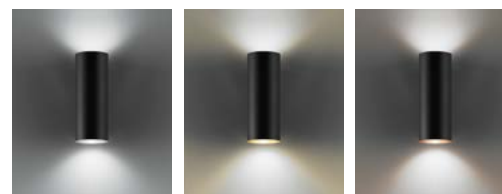
Light emission on two sides

These LED wall luminaires belong to the luminaire series STUDIO LINE. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty. An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Metal housing velvet black or velvet white enamel finish  
Interior colour available with a choice of 3 finishes  
BEGA AC module · Technical data of the BEGA AC module on Page 322  
Colour rendering index (CRI) > 80

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – Article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



Depending on the surface colour on the inside of these luminaires, the result is light with a neutral or warm colour temperature.



Select the required interior colour by changing the code number.



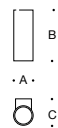
Interior colour matt aluminium  
Code number .2



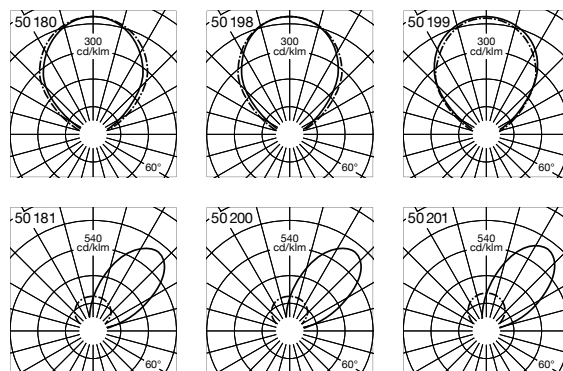
Interior colour matt brass  
Code number .4



Interior colour matt copper  
Code number .6



Interior colour <b>matt aluminium</b> · Code number .2								
Velvet black	Velvet white	LED		PSU	EEC	A	B	C
<b>50 130.2</b>	<b>50 347.2</b>	12 W	380 lm	AC module	A++	80	210	110
<b>50 212.2</b>	<b>50 348.2</b>	16 W	595 lm	AC module	A++	100	250	130



#### LED wall washers

Symmetrical or asymmetrical light distribution

LED wall washers with compact dimensions and high light outputs. Optionally with symmetrical or asymmetrical light distribution. Luminaires with symmetrical light distribution are for illuminating wall surfaces. The mounting surface also acts 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 or arches.

Metal housing available with a choice of 3 finishes · Safety glass

Reflector made of pure anodised aluminium

Luminaires with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.



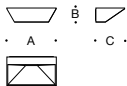
Velvet white enamel finish  
Code number .1



Palladium enamel finish  
Code number .4



Velvet black enamel finish  
Code number .5



Symmetrical · Velvet white enamel finish · Code number .1

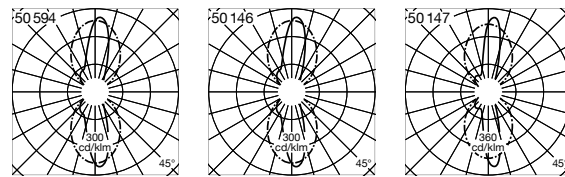
	LED		PSU	EEC	A	B	C	AC/DC
50 180.1	12.8 W	940 lm	on/off	A++	200	60	120	✓
50 198.1	19.4 W	1530 lm	DALI	A++	260	70	160	✓
50 199.1	38.0 W	3500 lm	DALI	A++	320	105	190	✓



Asymmetrical · Velvet white enamel finish · Code number .1

	LED		PSU	EEC	A	B	C	AC/DC
50 181.1	12.8 W	1100 lm	on/off	A++	200	60	120	✓
50 200.1	19.4 W	1725 lm	DALI	A++	260	70	160	✓
50 201.1	38.0 W	2820 lm	DALI	A++	320	105	190	✓





#### LED wall washers

Light emission on two sides

Compact, efficient and economical LED wall washers that distribute their light upwards and downwards on the wall.

A reflector inside the housing directs the light glare-free onto the mounting surface. Various sizes and three different finishes let you coordinate the luminaires with the respective room and lighting situation.

Metal housing available with a choice of 3 finishes · Crystal glass, inside white

Reflector made of pure anodised aluminium

Luminaires optionally with on/off power supply unit or DALI controllable power supply unit

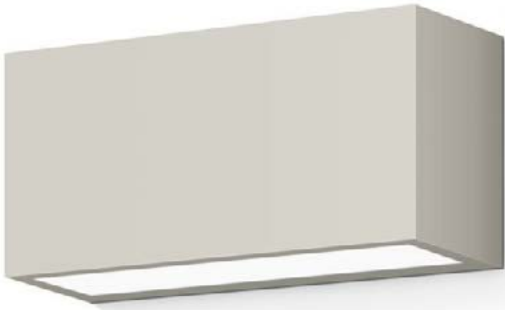
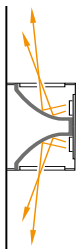
Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.



Velvet white enamel finish  
Code number .1



Palladium enamel finish  
Code number .4



Velvet black enamel finish  
Code number .5



Velvet white enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
50 594.1	25.2 W	2245 lm	on/off	A++	250	110	76	✓
50 146.1	25.2 W	2245 lm	DALI	A++	250	110	76	✓
50 147.1	33.6 W	3225 lm	DALI	A++	320	110	76	✓



#### LED wall luminaires

Light emission on one side

Compact LED wall luminaires for different installation heights.

Luminaires in various sizes and light outputs.

As single luminaires for marking danger areas, for example on stairs and steps, or in rows for illuminating corridors and passageways in public and private areas.

Luminaires with low connected wattage values that impress through their durable LED technology as well as their elegance.

Metal housing available with a choice of 2 finishes · Safety glass, inside white

On/off power supply unit · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



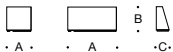
Select the required finish by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
78 047.1	3.4 W	190 lm	on/off	A++	90	100	55	✓
78 052.1	6.2 W	340 lm	on/off	A++	175	100	55	✓
50 071.1	8.0 W	645 lm	on/off	A++	175	100	55	✓



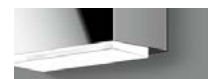
Select the required finish by  
changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Chrome · Code number .3



**LED wall luminaires**  
Light emission on two sides

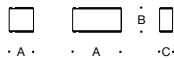
These are compact and cost-effective luminaires that distribute their light upwards and downwards on the wall.  
Two crystal glass elements enhance the high-precision housings made of cast aluminium and lend the luminaires their distinctive character.  
Various sizes and different finishes let you coordinate the luminaires with the respective room and lighting situation.

Metal housing available with a choice of 3 finishes · Crystal glass, inside white  
On/off power supply unit · Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
23 013.1	6.0 W	220 lm	on/off	A++	90	105	55	✓
23 015.1	10.5 W	470 lm	on/off	A++	175	105	55	✓
50 072.1	15.6 W	710 lm	on/off	A++	175	105	55	✓





#### LED wall luminaires

Light emission on two sides

Compact LED wall luminaires with light emission in two directions. Thick-walled brilliant crystal glass characterises the design of these luminaires. Whether as single luminaires or lined up in rows: They illuminate and accentuate many situations in the room. Various finishes, light outputs and dimensions let you coordinate the luminaires with the respective room and lighting situation.

Metal housing available with a choice of 3 finishes · Crystal glass, inside white  
Luminaires with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.



White enamel finish  
Code number .1



Palladium enamel finish  
Code number .4



Velvet black enamel finish  
Code number .5



White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
50 063.1	9.5 W	515 lm	on/off	A++	90	120	100	✓
50 064.1	19.5 W	955 lm	DALI	A++	120	150	130	✓



The luminaires can be installed in any burning position.

#### LED wall luminaires

Light emission on one side

These are small, compact and cost-effective LED wall luminaires that distribute their light upwards or downwards on the wall depending on their direction of installation. Expertly hand-crafted crystal glass enhances the high-precision housings made of cast aluminium and provides pleasant illumination with brilliant accents. Various shapes, finishes, light outputs and dimensions let you coordinate the luminaires with the respective room and lighting situation.

The luminaires can be installed in any burning position.

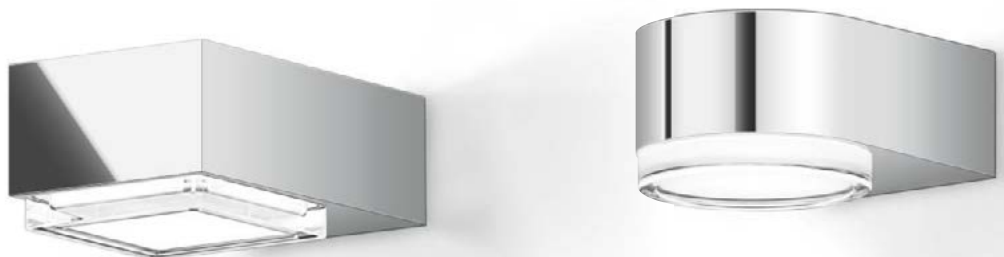
Metal housing available with a choice of 3 finishes · Crystal glass, inside white  
On/off power supply unit · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.



White enamel finish  
Code number .1



Stainless steel  
Code number .2



Chrome · Code number .3



White enamel finish · Code number .1									
	LED		PSU	EEC	A	B	C	D	AC/DC
<b>23 374.1</b>	5.7 W	120 lm	on/off	A++	95	65	130	50	✓



White enamel finish · Code number .1									
	LED		PSU	EEC	A	B	C	D	AC/DC
<b>23 263.1</b>	3.0 W	60 lm	on/off	A++	80	55	125	45	✓
<b>23 264.1</b>	5.7 W	160 lm	on/off	A++	100	65	145	50	✓



#### LED wall luminaires

Unshielded

Unshielded LED wall luminaires for numerous applications indoors.

Hand-blown three-ply opal glass, in which a wafer thin opalescent layer is molten between two layers of crystal glass, produces a soft distribution of light with high visual comfort.

Metal shields with various finishes are gently embedded in the luminaire glass for its support and accentuation.

Individually or in groups, these luminaires with their impressive contrasting effect provide atmospheric light for designing indoor areas.

Metal shield available with a choice of 3 finishes · Opal glass

Luminaires with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by  
changing the code number.



White enamel finish  
Code number .1



Chrome · Code number .3



Velvet black enamel finish  
Code number .5



**Rounded** · Metal shield with white enamel finish · Code number .1

	LED		PSU	EEC	A	B	AC/DC
<b>12 209.1</b>	10.5 W	550 lm	on/off	A++	200	50	—
<b>12 210.1</b>	20.0 W	1170 lm	DALI	A++	320	60	✓



**Cylindrical** · Metal shield with white enamel finish · Code number .1

	LED		PSU	EEC	A	B	AC/DC
<b>50 093.1</b>	10.5 W	525 lm	on/off	A++	200	50	—
<b>50 094.1</b>	20.0 W	1185 lm	DALI	A++	320	60	✓



• 340 •



• 390 •



• 470 •

#### LED wall luminaires

Protection class IP 44

LED wall luminaires with impressive luminaire glass. The white interior of the glass appears to be embedded in the clear crystal glass.

This blending ensures a pleasantly soft light with a special shining effect. These luminaires seem to create their impressive light graphics without a luminaire housing.

Whether as single luminaires or arranged in a formation, this "light made of glass" series enhances the lighting of any interior.

Protection class IP 44 · Metal fitting with white enamel · Crystal opal glass

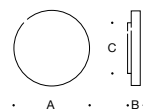
DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



	LED		PSU	EEC	A	B	AC/DC
<b>67 718</b>	18.9 W	1295 lm	DALI	A++	340	85	✓
<b>67 719</b>	29.4 W	2110 lm	DALI	A+	390	90	✓
<b>23 315</b>	43.5 W	2825 lm	DALI	A++	470	100	✓





#### LED wall luminaires

Light emission on two sides

Cost-effective LED wall luminaires that distribute their light upwards and downwards on the wall. Crystal glass with a white interior enhances the high-precision housings made of cast aluminium and lends the luminaires their distinctive character.

Various finishes, light outputs and dimensions let you coordinate the luminaires with the respective room and lighting situation.

Metal housing available with a choice of 3 finishes · Crystal glass, inside white  
On/off power supply unit · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.



White enamel finish  
Code number .1



Stainless steel  
Code number .2



Chrome · Code number .3



White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
12 282.1	10.7 W	390 lm	on/off	A++	200	60	110	✓
12 283.1	15.7 W	690 lm	on/off	A++	300	60	130	✓



#### **LED wall luminaires**

Light emission on two sides

Cost-effective LED wall luminaires that distribute their light upwards and downwards on the wall. Two crystal glass elements enhance the high-precision housings made of cast aluminium and lend the luminaires their distinctive character.

Various finishes, light outputs and dimensions let you coordinate the luminaires with the respective room and lighting situation.

Metal housing available with a choice of 2 finishes · Crystal glass, inside white

On/off power supply unit · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.



White enamel finish  
Code number .1



Palladium enamel finish  
Code number .4



White enamel finish · Code number .1

	LED		PSU	EEC	A	B	C	AC/DC
12 277.1	10.7 W	590 lm	on/off	A++	200	60	110	✓
12 278.1	15.7 W	895 lm	on/off	A++	300	60	110	✓



## PRIMA

### LED wall luminaires

Unshielded or shielded

Luminaires in the PRIMA series are designed for all applications requiring reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile – of course with durable LED technology.

LED luminaires, unshielded or with metal shields in various finishes, with glare suppression to the front and direction of the light upwards and downwards.

Wall luminaires with hand-blown opal glass, which convince through their pleasant light. Individually or in groups, these luminaires with their beautiful contrasting effect provide atmospheric light for designing indoor areas.

Metal fitting white enamel · Satin matt opal glass

50 264 · 50 265 Metal shield available with a choice of 3 finishes

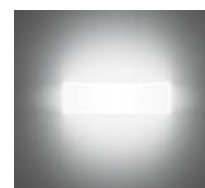
BEGA AC module · Technical data on Page 322 · Colour rendering index (CRI) > 80

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

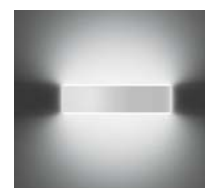
LED colour temperature: 3000 K – Article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



Unshielded



Shielded



Select the required finish by changing the code number.



White enamel finish  
Code number .1



Stainless steel  
Code number .2

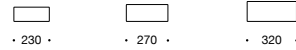


Polished stainless steel  
Code number .3



Unshielded							
	LED		PSU	EEC	A	B	C
50 262	12 W	905 lm	AC module	A++	250	100	110
50 263	24 W	1745 lm	AC module	A++	350	100	125

Shielded · White enamel · Code number .1							
	LED		PSU	EEC	A	B	C
50 264.1	12 W	510 lm	AC module	A++	255	100	110
50 265.1	24 W	1280 lm	AC module	A++	355	100	125



## Wall luminaires

Unshielded

Unshielded luminaires in various sizes with LED and for fluorescent lamps.

Efficient luminaires that seem to consist of only glass.

Hand-crafted crystal glass of exceptional thickness is the only visible component of the luminaires in this series. The white interior of the glass appears to be embedded in the clear crystal glass and results in a pleasantly soft light with special lustrous effects.

Metal fitting white enamel · Crystal glass, inside white

LED luminaires: BEGA AC module · Technical data on Page 322

Colour rendering index (CRI) > 80

The LED luminaires on this page will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.





	LED		PSU	EEC	A	B	C	AC/DC
<b>50 210</b>	16 W	1145 lm	AC module	A++	270	110	115	—
<b>50 211</b>	24 W	1535 lm	AC module	A++	320	130	115	—
	Lamp		Base					
<b>89 660</b>	1 TC-TELI	18 W	GX24 q-2	A - B	230	95	105	✓
<b>89 661</b>	1 TC-TELI	26 W	GX24 q-3	A - B	270	110	115	✓
<b>89 662</b>	1 TC-TELI	42 W	GX24 q-4	A - B	320	130	115	✓



## Wall luminaires

Unshielded

Unshielded luminaires in various sizes with LED and for fluorescent lamps.  
Hand-crafted crystal glass of exceptional thickness is the only visible component of the luminaires in this series. The white interior of the glass appears to be embedded in the clear crystal glass and results in a pleasantly soft light with special lustrous effects.

Metal fitting white enamel · Crystal glass, inside white  
LED luminaires: BEGA AC module · Technical data on Page 322  
Colour rendering index (CRI) > 80

The LED luminaires on this page will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – Article number + **K3**

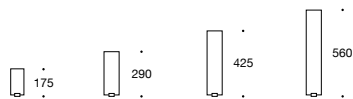
The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Crystal glass, inside white



	LED		PSU	EEC	A	B	C	AC/DC
<b>50 207</b>	16 W	1150 lm	AC module	A++	275	115	110	—
<b>50 208</b>	24 W	1600 lm	AC module	A++	320	135	115	—
	Lamp		Base					
<b>89 663</b>	1 TC-TELI	18 W	GX24 q-2	A - B	235	100	100	✓
<b>89 664</b>	1 TC-TELI	26 W	GX24 q-3	A - B	275	115	110	✓
<b>89 665</b>	1 TC-TELI	42 W	GX24 q-4	A - B	320	135	115	✓



### Wall luminaires

Unshielded

Unshielded luminaires in various sizes with LED and for fluorescent lamps.  
 Open wall luminaires with rectangular glass cross-section and fascinating light graphics.  
 Hand-blown luminaire glass made of three-ply opal glass transforms these luminaires into elegant elements of interior design. They are solid, reliable lighting tools that will continue to do their job over long operating periods.

Matt aluminium glass support · Satin matt opal glass  
 LED luminaires: Luminaires with BEGA AC module, on/off power supply unit or DALI controllable power supply unit · Technical data of the BEGA AC module on Page 322  
 Colour rendering index (CRI) > 90 · 50 137.2 Colour rendering index (CRI) > 80

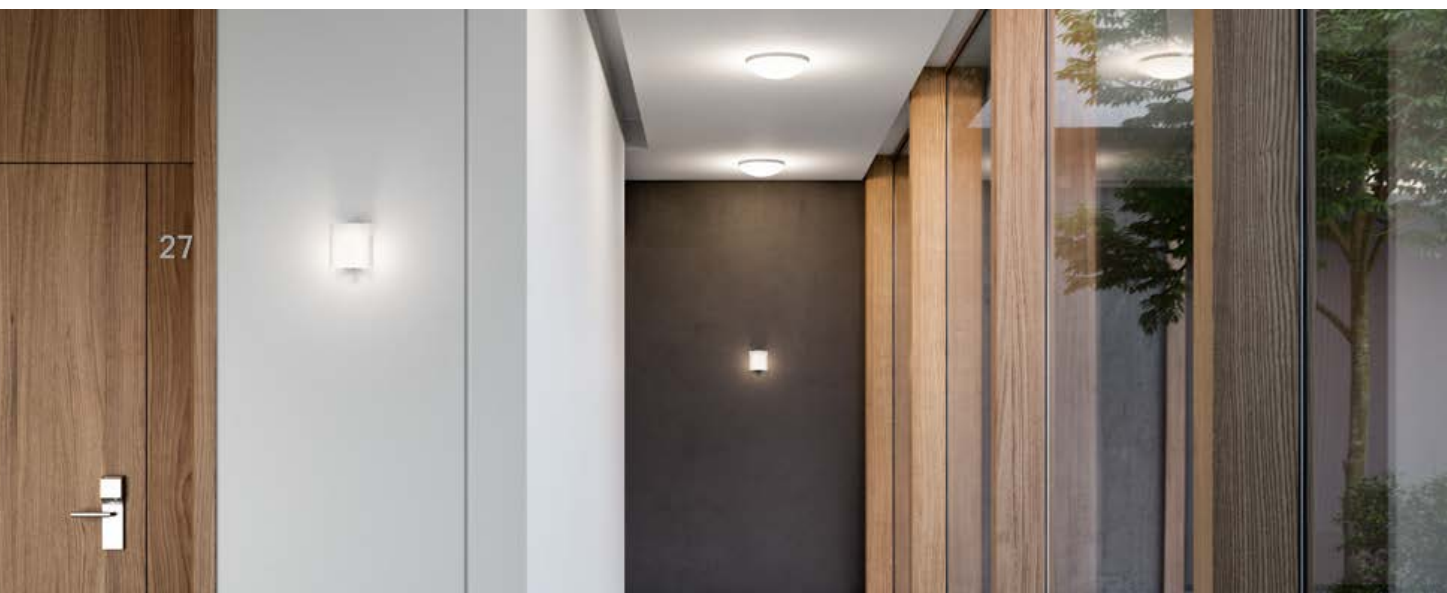
The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
 LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**  
 50 137.2 3000 K – article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
 On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





		LED		PSU	EEC	A	B	C	D	AC/DC
<div><div>·A·</div><div><div>·D·</div><div><div>⊞</div><div>⊞</div></div></div><div>·B·</div><div>·C·</div></div>	<b>50 137.2</b>	12.0 W	880 lm	AC module	A++	100	175	90	35	—
	<b>50 138.2</b>	15.0 W	1115 lm	on/off	A++	100	290	115	35	✓
	<b>50 139.2</b>	19.0 W	1570 lm	DALI	A++	100	425	115	35	✓
	<b>50 140.2</b>	22.8 W	1840 lm	DALI	A++	100	560	115	35	✓
<div><div>⊞</div><div>⊞</div></div> <div>⊞</div>		Lamps		Base						
	<b>89 678.2</b>	1 TC-SEL	11 W	2 G 7	A-B	100	290	115	35	✓
	<b>89 679.2</b>	1 TC-L	24 W	2 G 11	A-B	100	425	115	35	✓
	<b>89 680.2</b>	1 TC-L	36 W	2 G 11	A-B	100	560	115	35	✓



#### LED wall luminaires Unshielded

LED wall luminaires with hand-blown opal glass in various sizes, which impress with their pleasant light effect. High-quality luminaires and long-lasting elements of interior design for sophisticated light designs and the highest light quality indoors.

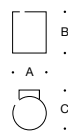
50 066.2 Metal fitting with stainless steel finish  
50 105.2 · 50 106.2 Metal fitting in matt aluminium  
Satin matt opal glass  
BEGA AC module · Technical data on Page 322 · Colour rendering index (CRI) > 80

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

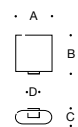
LED colour temperature: 3000 K – Article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.





	LED	PSU	EEC	A	B	C
<b>50 066.2</b>	12 W 980 lm	AC module	A++	140	170	170



	LED	PSU	EEC	A	B	C	D
<b>50 105.2</b>	12 W 945 lm	AC module	A++	150	160	90	60
<b>50 106.2</b>	32 W 2455 lm	AC module	A++	210	220	90	60





### LED wall luminaires

Unshielded

Unshielded LED luminaires in various lengths. Luminaires with a shallow overhang and hand-blown satin matt opal glass, which convince through their pleasant light. Individually or in groups, these luminaires with their beautiful light effect provide atmospheric light for designing indoor areas.

Metal fitting with stainless steel finish · Satin matt opal glass  
BEGA AC module · Technical data on Page 322 · Colour rendering index (CRI) > 80

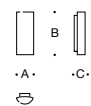
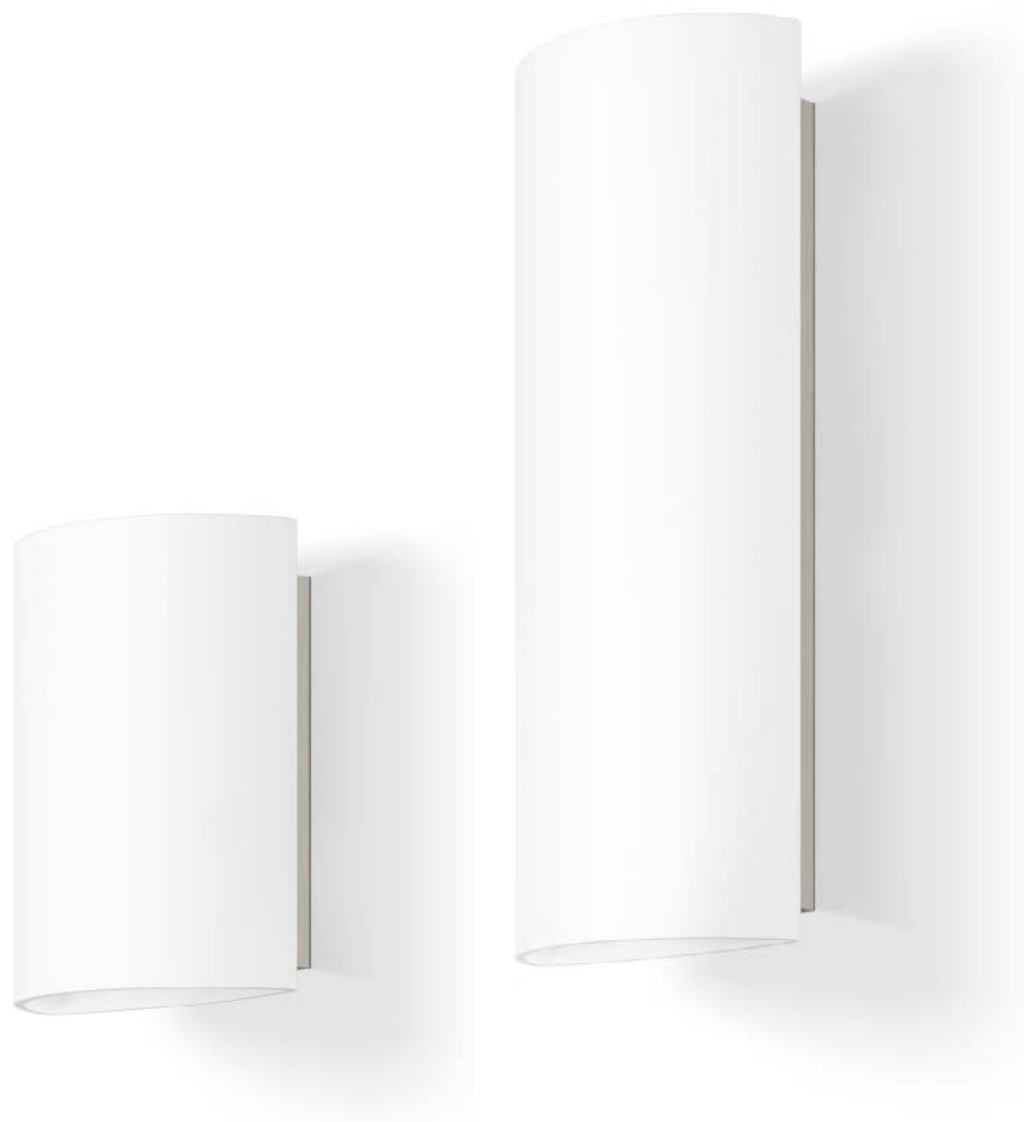
These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.





	LED		PSU	EEC	A	B	C
<b>50 065.2</b>	12 W	875 lm	AC module	A++	140	170	90
<b>50 086.2</b>	24 W	1785 lm	AC module	A++	140	350	90





**Wall luminaires**  
Unshielded

Unshielded wall luminaires in two sizes with LED or for lamps for screw base E 14 and E 27.  
You will find suitable BEGA LED lamps on Page 318.  
Light from the open top glass is reflected indirectly from the wall surface.  
In addition, the hand-blown three-ply opal glass produces a very soft distribution of the light with high visual comfort.  
Luminaires for stylish light design – individually or in groups.

Metal fitting white enamel · Opal glass · Screwed glass connection stainless steel  
LED luminaires: BEGA AC module · Technical data on Page 322  
Colour rendering index (CRI) >80

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – Article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



	LED		PSU	EEC	A	B	C
<b>50 123</b>	12 W	855 lm	AC module	A++	105	210	75
<b>50 124</b>	16 W	1280 lm	AC module	A++	160	325	110
	Lamp		Base				
<b>89 097</b>	1 lamp	60 W	E 14	A++- E	105	210	75
<b>89 098</b>	1 lamp	100 W	E 27	A++- E	160	325	110



• 195 •



• 235 •



• 320 •

### LED wall luminaires

Unshielded

Unshielded LED wall luminaires in various sizes, with an impressive light effect. Hand-blown three-ply opal glass, in which a wafer thin opalescent layer is molten between two layers of crystal glass, produces a soft distribution of light with high visual comfort.

The lines of the glass and the varying distance between lamp and glass create a light that is full of nuances when indirectly reflected by the wall surface.

Individually or in groups, these luminaires are suitable for numerous possible lighting situations requiring good design and atmospheric lighting.

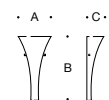
Metal fitting white enamel · Opal glass · Screwed glass connection stainless steel  
BEGA AC module · Technical data on Page 322 · Colour rendering index (CRI) > 80

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



	LED		PSU	EEC	A	B	C
<b>50 131</b>	12 W	815 lm	AC module	A++	195	350	95
<b>50 132</b>	16 W	1330 lm	AC module	A++	235	440	115
<b>50 133</b>	32 W	2555 lm	AC module	A++	320	560	160



### Wall luminaires

Unshielded

Unshielded wall luminaires in two sizes with LED or for lamps with screw base E 27. You will find suitable BEGA LED lamps on Page 318.

Luminaires with an impressive light effect. Hand-blown three-ply opal glass, in which a wafer thin opalescent layer is molten between two layers of crystal glass, produces a soft distribution of light with high visual comfort.

The lines of the glass and the varying distance between lamp and glass create a light that is full of nuances when indirectly reflected by the wall surface.

Individually or in groups, these luminaires are suitable for numerous possible lighting situations requiring good design and atmospheric lighting.

Metal fitting white enamel · Opal glass · Screwed glass connection stainless steel

LED luminaires: BEGA AC module · Technical data on Page 322

Colour rendering index (CRI) >80

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.

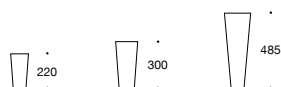




· A · · C ·



	LED		PSU	EEC	A	B	C
<b>50 128</b>	24 W	1695 lm	AC module	A++	155	320	100
<b>50 129</b>	32 W	2360 lm	AC module	A++	175	370	110
	Lamp		Base				
<b>89 651</b>	1 lamp	75 W	E 27	A++- E	155	320	100
<b>89 652</b>	1 lamp	100 W	E 27	A++- E	175	370	110



### LED wall luminaires

Unshielded

Unshielded LED wall luminaires in various sizes and four types of material.

Be it as a single luminaire on walls and pillars or in groups, they are excellent elements of interior design. They are solid, reliable lighting tools that will continue to do their job over long operating periods.

Metal housing available with a choice of 4 finishes · Satin matt opal glass

Luminaires with BEGA AC module or DALI controllable power supply unit

Technical data of the BEGA AC module on Page 322

Colour rendering index (CRI) > 80 · 50 127 Colour rendering index (CRI) > 90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

50 127 LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





Select the required finish by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Chrome · Code number .3



Brass · Code number .4



White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
50 125.1	12.0 W	790 lm	AC module	A++	130	220	90	—
50 126.1	24.0 W	1315 lm	AC module	A++	160	300	100	—
50 127.1	22.7 W	1655 lm	DALI	A++	190	485	115	✓



### Wall luminaires Unshielded

Unshielded wall luminaires in various sizes for lamps with screw base E 27.  
You will find suitable BEGA LED lamps on Page 318.  
With hand-blown three-ply opal glass in which a wafer thin opalescent layer is molten between two layers of crystal glass.  
This produces a highly-translucent but opaque glass that diffuses the light very uniformly.  
The effect is particularly enhanced by the large surface area of the luminaire glass.  
They are solid, reliable lighting tools that will continue to do their job over long operating periods.  
Perfect proportions and impressive glass make these luminaires elegant and durable elements of interior design.

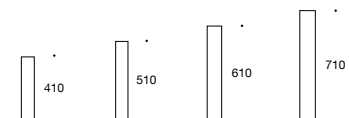
Metal fitting white aluminium enamel · Opal glass

Other technical data can be found on our website in the product data sheet issued for the luminaire.





	Lamp		Base	EEC	A	B	C
<b>89 511.2</b>	1 lamp	75 W	E 27	A++-E	115	230	125
<b>89 512.2</b>	1 lamp	100 W	E 27	A++-E	160	285	170
<b>89 513.2</b>	1 lamp	150 W	E 27	A++-E	185	335	195



Open wall luminaires with  
a high level of efficiency  
Luminaire fitting with  
white enamel finish

LED wall luminaires with high light outputs  
Unshielded

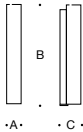
Efficient unshielded LED luminaires. Open wall luminaires with a high level of efficiency. This luminaire series is characterised by various sizes and light outputs as well as an elongated design. As solid and reliable lighting tools with modern LED technology and high-quality workmanship, they will provide very cost-effective service over long operating periods.

Metal housing with white enamel finish · Opal glass · DALI controllable  
Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

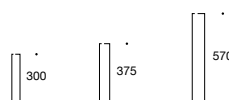
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



	LED		PSU	EEC	A	B	C	AC/DC
<b>50 595.1</b>	14.8 W	1380 lm	DALI	A++	80	410	115	✓
<b>50 083.1</b>	18.6 W	1680 lm	DALI	A++	80	510	115	✓
<b>50 084.1</b>	35.6 W	3310 lm	DALI	A++	100	610	135	✓
<b>50 085.1</b>	42.0 W	4045 lm	DALI	A++	110	710	145	✓





#### LED wall luminaires

Unshielded · Protection class IP 44

A group of unshielded LED wall luminaires in various sizes and light outputs. This series offers quality features such as high-precision metal workmanship, exquisite finishes and hand-blown three-ply opal glass.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

They are suitable for numerous possible lighting applications indoors – individually or in groups. They are solid, reliable lighting tools that will continue to do their job over long operating periods.

Metal housing available with a choice of 2 finishes · Opal glass

On/off power supply unit · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

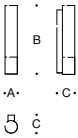
Select the required finish  
by changing the code number.



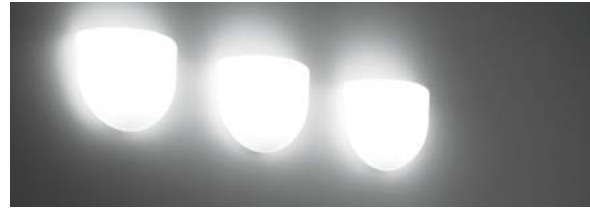
S/steel · Code number **.2**



Chrome · Code number **.3**



Stainless steel · Code number <b>.2</b>								
	LED		PSU	EEC	A	B	C	AC/DC
<b>50 120.2</b>	7.8 W	575 lm	on/off	A++	60	300	95	✓
<b>50 121.2</b>	12.0 W	805 lm	on/off	A++	80	375	115	✓
<b>50 122.2</b>	13.6 W	1240 lm	on/off	A++	94	570	130	✓



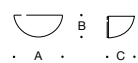
#### Wall luminaires Unshielded

Unshielded wall luminaires with LED or for lamps with screw base E 27 in various shapes and sizes. You will find suitable BEGA LED lamps on Page 318. Luminaires with hand-blown satin matt opal glass, with a beautiful light effect for high visual comfort. Luminaires for stylish light design – individually or in groups.

Metal fitting white enamel · Satin matt opal glass  
LED luminaires: BEGA AC module · Technical data on Page 322  
Colour rendering index (CRI) > 80

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3**

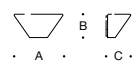
The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



	LED		Power supply unit	EEC	A	B	C
<b>50 255</b>	16 W	1220 lm	AC module	A++	245	110	125
<b>50 256</b>	24 W	1460 lm	AC module	A++	340	150	175
<b>50 257</b>	48 W	3265 lm	AC module	A++	430	190	220

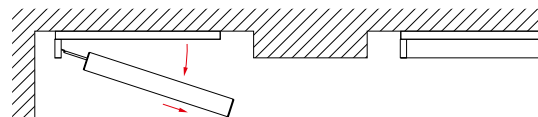


Protection class IP 44							
	LED		Power supply unit	EEC	A	B	C
<b>50 134</b>	12 W	775 lm	AC module	A++	200	170	115
<b>50 135</b>	16 W	1230 lm	AC module	A++	220	225	130
	Lamp		Base				
<b>34 147</b>	1 lamp	75 W	E 27	A++-E	200	170	115
<b>34 780</b>	1 lamp	100 W	E 27	A++-E	220	225	130

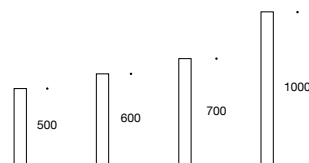


	LED		Power supply unit	EEC	A	B	C
<b>50 258</b>	24 W	1540 lm	AC module	A++	350	165	180
<b>50 259</b>	48 W	2225 lm	AC module	A++	440	205	220





An internal mechanism allows the glass to be swivelled in and out. This means that they can also be installed in niches from wall to wall, optionally in horizontal or vertical position.



#### LED wall luminaires

Unshielded · Protection class IP 65

Unshielded and efficient LED wall luminaires in various sizes for indoors. Hand-blown three-ply opal glass and high-precision metal parts in perfect interplay. They are suitable for numerous possible applications – individually or in groups.

The luminaires can be used in both horizontal and vertical operating positions. These luminaires with protection class IP 65 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

Protection class IP 65 · Metal housing available in a choice of 2 finishes · Opal glass DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



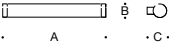
Select the required finish by changing the code number.



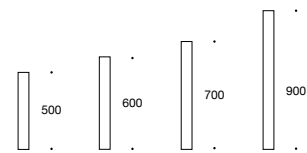
S/steel · Code number **.2**



Chrome · Code number **.3**



Stainless steel · Code number <b>.2</b>								
	LED		PSU	EEC	A	B	C	AC/DC
<b>50 067.2</b>	19.5 W	1300 lm	DALI	A++	500	80	115	✓
<b>50 068.2</b>	22.3 W	1915 lm	DALI	A++	600	80	115	✓
<b>50 069.2</b>	27.5 W	2370 lm	DALI	A++	700	80	115	✓
<b>50 070.2</b>	41.0 W	3555 lm	DALI	A++	1000	80	115	✓



#### LED wall luminaires

Unshielded · Protection class IP 44

Unshielded LED wall luminaires in various sizes and light outputs for indoors. Hand-blown opal glass and high-precision metal parts in perfect interplay. The three-ply opal glass distributes the light from the lamps softly, uniformly and in neutral colour. The luminaires can be used in both horizontal and vertical operating positions. These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

Protection class IP 44 · Metal housing available in a choice of 3 finishes · Opal glass  
On/off power supply unit · Colour rendering index (CRI) > 90

Clearance of 50 % of the luminaire length - A - is required on the opening side of the luminaire to change the lamp.

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





Select the required finish by changing the code number.



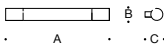
White enamel finish  
Code number .1



Stainless steel  
Code number .2



Chrome · Code number .3



White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
23 250.1	11.6 W	750 lm	on/off	A+	500	70	100	✓
23 253.1	15.6 W	1090 lm	on/off	A+	600	70	100	✓
23 256.1	19.2 W	1140 lm	on/off	A+	700	70	100	✓
23 259.1	26.9 W	2195 lm	on/off	A+	900	70	100	✓



**LED wall luminaires**  
 Unshielded · Protection class IP 44

LED wall luminaires of captivating quality for indoors. This series is characterised by high-precision metal workmanship, stainless steel finish and hand-blown satin matt opal glass. These luminaires are suitable in particular for arranging in groups. They are solid, reliable lighting tools that will continue to do their job over long operating periods.

The luminaires can be used in both horizontal and vertical operating positions.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

Protection class IP 44 · Metal housing with stainless steel finish · Satin matt opal glass  
 Luminaires optionally with on/off power supply unit or DALI controllable power supply unit  
 Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





Stainless steel finish



	LED		PSU	EEC	A	B	C	AC/DC
<b>50 605.2</b>	12.3 W	960 lm	on/off	A++	415	120	90	✓
<b>50 606.2</b>	18.0 W	1655 lm	on/off	A++	515	120	90	✓
<b>12 180.2</b>	12.3 W	960 lm	DALI	A++	415	120	90	✓
<b>12 181.2</b>	18.0 W	1655 lm	DALI	A++	515	120	90	✓



#### LED wall luminaires

Unshielded · Protection class IP 44

LED wall luminaires of captivating quality for indoors. This series is characterised by high-precision metal workmanship, stainless steel finish and hand-blown satin matt opal glass. These luminaires are suitable in particular for arranging in groups.

They are solid, reliable lighting tools that will continue to do their job over long operating periods.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

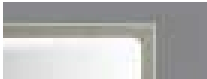
Protection class IP 44 · Metal housing with stainless steel finish · Satin matt opal glass  
On/off power supply unit · Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Stainless steel finish



	LED	PSU	EEC	A	B	C	AC/DC
<b>23 385.2</b>	10.5 W	615 lm	on/off	A++	315	100	90 ✓
<b>23 387.2</b>	17.8 W	1175 lm	on/off	A++	415	100	90 ✓



#### LED wall luminaires

Unshielded · Protection class IP 44

LED wall luminaires of captivating quality for indoors. This series is characterised by high-precision metal workmanship, stainless steel finish and hand-blown satin matt opal glass. These luminaires are suitable in particular for arranging in groups.

And as solid and reliable lighting tools they will continue to do their job over long operating periods. The luminaires can be used in both horizontal and vertical operating positions.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

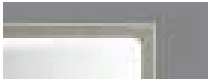
Protection class IP 44 · Metal housing with stainless steel finish · Satin matt opal glass  
On/off power supply unit · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

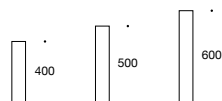


Stainless steel finish



	LED		PSU	EEC	A	B	C	AC/DC
<b>23 300.2</b>	10.5 W	605 lm	on/off	A++	340	100	100	✓
<b>23 303.2</b>	11.5 W	1090 lm	on/off	A++	470	100	120	✓





#### Wall luminaires

Unshielded · Protection class IP 44

Unshielded wall luminaires with hand-blown satin matt opal glass that distributes the light in a soft and uniform way.

Wall luminaires in various sizes and light outputs with LED or for lamps with screw base E 14.

You will find suitable BEGA LED lamps on Page 318.

The luminaires can be used in both horizontal and vertical operating positions.

They are suitable for numerous possible applications indoors – individually or in groups.

These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting.

Protection class IP 44 · Metal housing available in a choice of 2 finishes · Satin matt opal glass  
LED luminaires optionally with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) > 90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required finish by changing the code number.



White enamel finish  
Code number .1



Chrome · Code number .3



White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
<b>50 607.1</b>	12.4 W	840 lm	on/off	A++	400	90	80	✓
<b>50 608.1</b>	15.2 W	1010 lm	on/off	A++	500	90	80	✓
<b>67 682.1</b>	12.4 W	840 lm	DALI	A++	400	90	80	✓
<b>67 683.1</b>	15.2 W	1010 lm	DALI	A++	500	90	80	✓
<b>67 684.1</b>	20.3 W	1415 lm	DALI	A++	600	90	80	✓
	Lamp		Base					
<b>78 469.1</b>	2 lamps	40 W	E 14	A++-E	400	90	80	—
<b>78 147.1</b>	3 lamps	40 W	E 14	A++-E	500	90	80	—
<b>78 148.1</b>	4 lamps	40 W	E 14	A++-E	600	90	80	—



Wall luminaires  
Unshielded

Unshielded wall luminaires with hand-blown satin matt opal glass that distributes the light in a soft and uniform way.

Wall luminaires in various sizes and light outputs with LED or for lamps with screw base E 14.  
You will find suitable BEGA LED lamps on Page 318.

The luminaires can be installed in a horizontal or vertical operating position.

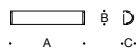
Metal housing with white enamel finish · Satin matt opal glass · Integral power switch  
LED luminaires: On/off power supply unit · Colour rendering index (CRI) >90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

• 600 •
• 500 •
• 400 •
• 300 •



	LED	PSU	EEC	A	B	C	AC/DC
<b>50 222.1</b>	7.9 W	605 lm	on/off	A++	300	90	75 ✓
<b>50 223.1</b>	10.4 W	715 lm	on/off	A++	400	90	75 ✓
<b>50 224.1</b>	14.3 W	1195 lm	on/off	A++	500	90	75 ✓
<b>50 225.1</b>	16.4 W	1265 lm	on/off	A++	600	90	75 ✓
	Lamp	Base					
<b>34 628.1</b>	2 lamps	40 W	E 14	A++-E	300	90	75 —
<b>34 629.1</b>	3 lamps	40 W	E 14	A++-E	400	90	75 —
<b>34 630.1</b>	3 lamps	40 W	E 14	A++-E	500	90	75 —
<b>34 631.1</b>	4 lamps	40 W	E 14	A++-E	600	90	75 —



With power switch



White enamel finish



Select the required finish by  
changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



VARIATA 1  
Wall luminaires  
Infinitely adjustable light distribution

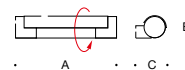
Adjustable light for reading and for numerous areas in which the luminous energy needs to be adapted to the requirements of the particular situation.  
The design and technology of these luminaires with LED or for fluorescent lamps arose from the idea of directing the light in various directions according to the lighting application. The shield of the luminaires is infinitely rotatable around the longitudinal axis. As a result, you can guide the light emission in one or the opposite direction, or split it as you wish. A cylinder made of hand-blown opal glass produces a soft and uniform distribution of the light, ensuring pleasant visual comfort.

Metal housing available with a choice of 2 finishes · Opal glass  
LED luminaire: on/off power supply unit · Colour rendering index (CRI) > 90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



White enamel finish · Code number .1								
	LED	PSU	EEC	A	B	C	AC/DC	
23 404.1	6.5 W	335 lm	on/off	A++	340	80	100	✓
	Lamp	Base						
89 875.1	1 TC-DEL	18 W	G 24 q-2	A-B	340	80	100	✓





Select the required finish by  
changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Chrome · Code number .3





VARIATA 2  
Wall luminaires  
Infinitely adjustable light distribution

Wall luminaires in various sizes and types of material. Adjustable light for reading and for numerous areas in which the luminous energy needs to be adapted to the requirements of the particular situation.

The design and technology of these luminaires with LED or for fluorescent lamps enable the light from the lamp to be directed in several directions. The light emission opening can be infinitely adjusted on the luminaire axis. As a result, you can guide the light emission in one or the opposite direction, or split it as you wish.

A cylinder made of hand-blown opal glass produces a soft and uniform distribution of the light, ensuring pleasant visual comfort.

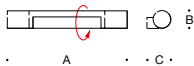
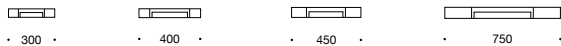
Metal housing available with a choice of 3 finishes · Opal glass  
LED luminaires: On/off power supply unit · Colour rendering index (CRI) >90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	AC/DC
23 080.1	6.5 W	540 lm	on/off	A++	300	55	80	✓
23 233.1	14.9 W	915 lm	on/off	A++	450	55	80	✓
	Lamp		Base					
89 878.1	1 TC-DEL	18 W	G 24 q-2	A - B	400	65	80	✓
89 881.1	1 TC-L	36 W	2 G 11	A - B	750	70	100	—



For ceiling luminaires, see Page 82.

## FLED

### LED large-area pendant luminaires

LED large-area pendant luminaires with direct and indirect light specially for glare-free office light in accordance with DIN EN 12464-1.

An optical system with a laminate structure exactly matching our LED modules, consisting of micro-structured and light-directing levels to ensure glare-free light and a high degree of visual comfort.

The matching LED ceiling luminaires on Page 82 extend the possible applications in contemporary office lighting.

Metal housing in matt aluminium finish with all-round, matt black trim strip

Frame height 11 mm

Optical system consisting of micro-structured and light-directing reflection levels

2 steel wires · Matt black connecting cable · DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

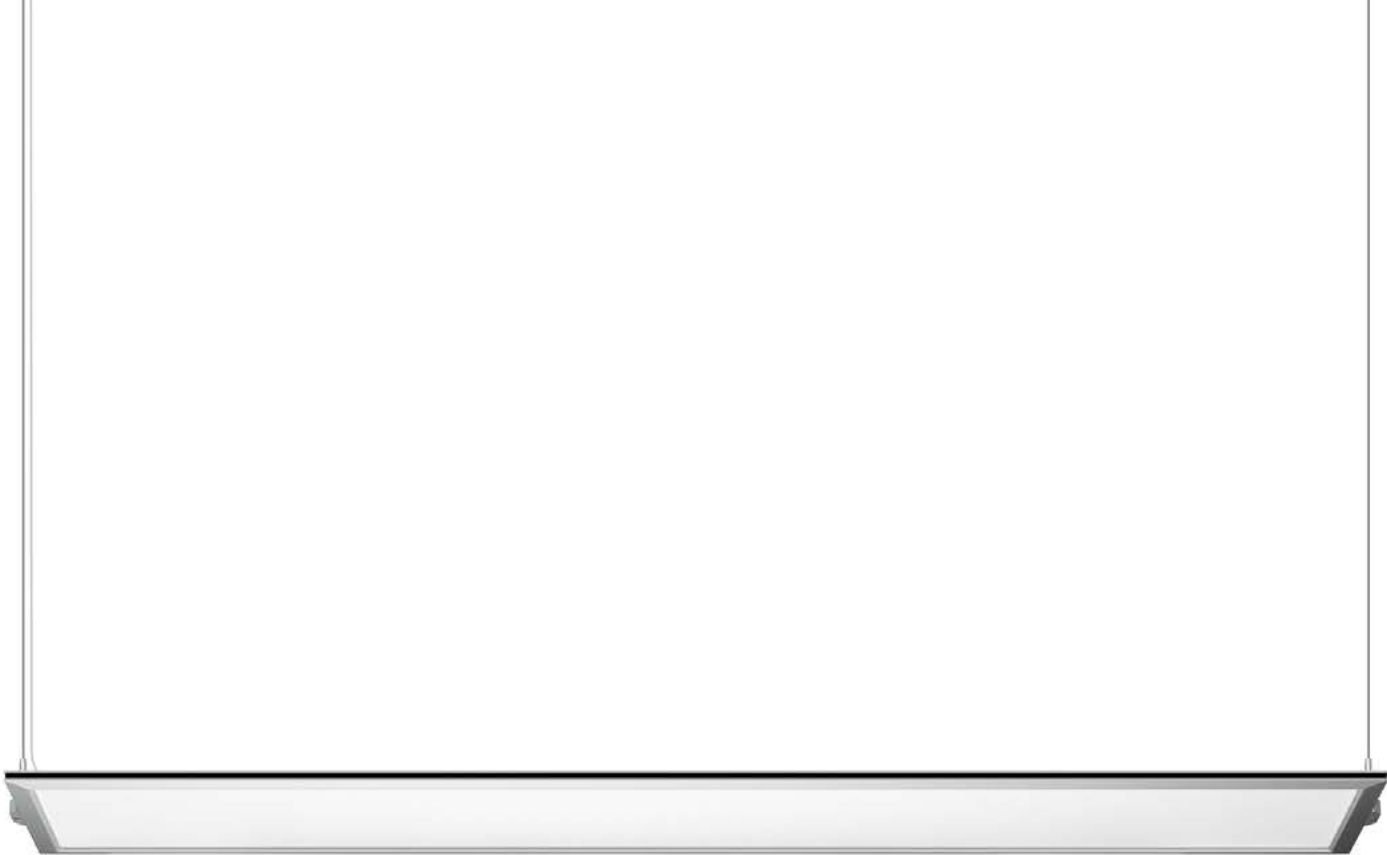
The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Frame height 11 mm

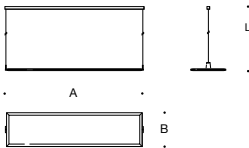
Optical system consisting of micro-structured and light-directing reflection levels



70% direct,  
30% indirect light

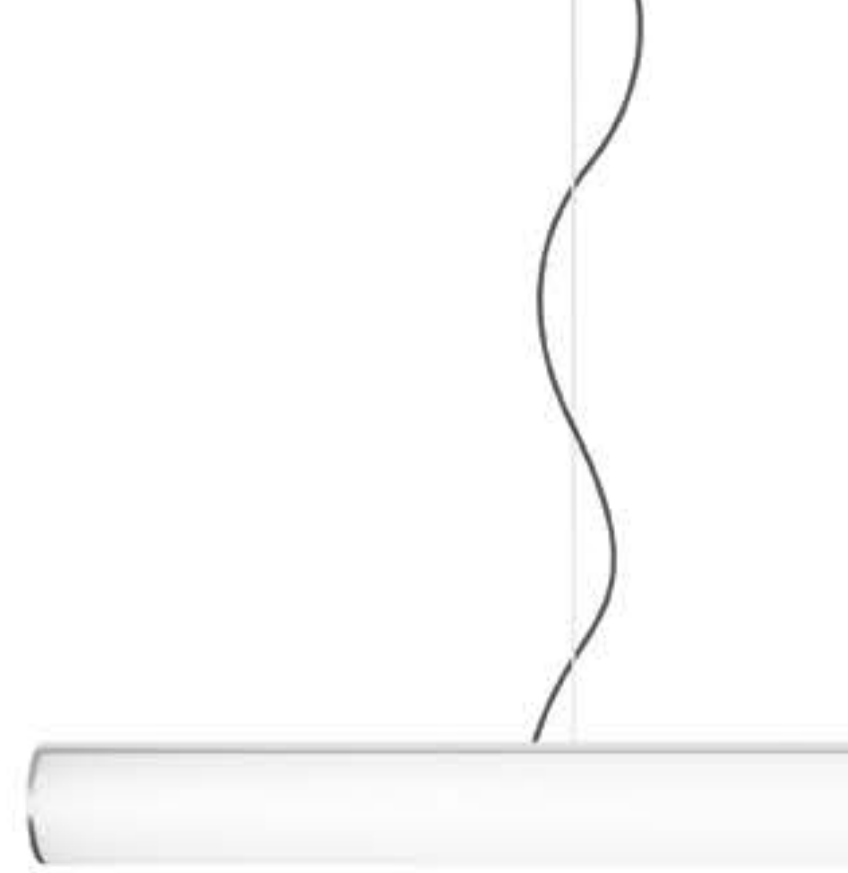


100% direct light



70% direct and 30% indirect light								
	LED		PSU	EEC	A	B	L	AC/DC
56 624.2	60 W	4845 lm	DALI	A++	1565	345	2000	✓

100% direct light								
	LED		PSU	EEC	A	B	L	AC/DC
56 625.2	60 W	4945 lm	DALI	A++	1565	345	2000	✓



#### LINEARA

##### **LED pendant luminaires**

Lengths 1000 · 2000 · 3000 mm

A group of new linear LED pendant luminaires for unshielded light. Luminaires in three lengths. Thanks to their dimensions, these distinctive luminaires open up new and creative options in many areas of interior design. LED technology and our in-house LED module production allow us to break new ground in luminaire design. Impressive luminaires with specialist dimensions and high light outputs.

Metal housing and canopy available with a choice of 2 finishes  
White synthetic cover · 2 steel wires · Special lengths on request  
White enamel finish: White connecting cable  
Matt aluminium: Black connecting cable  
DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

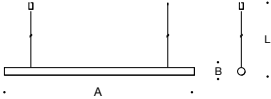
Select the required finish by  
changing the code number.



White enamel finish  
Code number **.1**



Matt aluminium  
Code number **.2**



White enamel finish · Code number <b>.1</b>								
	LED		PSU	EEC	A	B	L	AC/DC
<b>50 400.1</b>	73.6 W	7960 lm	DALI	A++	1000	80	2000	✓
<b>50 401.1</b>	147.0 W	16 220 lm	DALI	A++	2000	80	2000	✓
<b>50 402.1</b>	218.0 W	23 880 lm	DALI	A++	3000	80	2000	✓



**MAXIMA**  
**LED large-area pendant luminaires**

Large-area LED light in diameters of 1000 and 1300 mm offering impressively high light outputs. The MAXIMA LED pendant luminaire opens up new and creative design options in many areas of interior design.

The luminaires are DALI controllable and available optionally with fixed or variable colour temperature (tunable white). Tunable white luminaires can be controlled using a DALI colour light control (DT 8, TW). We recommend our BEGA Control system for this purpose. For technical data of DALI system components, see Page 312.

By adjusting the colour temperature you can adapt the illumination perfectly to your lighting requirements or to the required mood. Colour temperatures of between 2,700 and 6,500 K can be selected, perfectly covering the colour temperature range that is felt to be ideal.

Metal fitting and canopy with white enamel finish · White synthetic cover  
 4 steel wires · Transparent connecting cable · Special lengths on request  
 DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

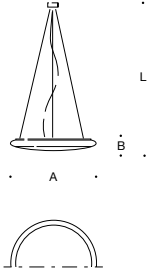
LED colour temperature tunable white luminaires adjustable from 2700 K to 6500 K

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Ceiling and wall luminaires, see Page 102.



LED pendant luminaires								
	LED		PSU	EEC	A	B	L	AC/DC
50 103	102 W	12 365 lm	DALI	A++	1000	150	4000	✓
50 104	140 W	16 885 lm	DALI	A++	1300	160	4000	✓

LED pendant luminaires · Tunable white · 2700-6500 K								
	LED		PSU	EEC	A	B	L	AC/DC
50 230	114 W	13 010 lm	DALI DT8, TW	A++	1000	150	4000	✓
50 231	144 W	15 960 lm	DALI DT8, TW	A++	1300	160	4000	✓





## PLANETA LED large-area pendant luminaires

Large-area LED light with high light output – PLANETA pendant luminaires open up new creative options in many areas of interior design. Slim-profile luminaires in two diameters and various types of material. A crystal glass disk, white frosted on the inside and fitted flush with the frame, distributes the light from the LED uniformly onto the surface to be illuminated.

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 reduce the installation, maintenance and operating costs.

Metal housing and canopy available with a choice of 3 finishes · Crystal glass, inside white  
3 steel wires · Transparent connecting cable · Special lengths on request · DALI controllable  
Colour rendering index (CRI) >90

If these luminaires are to be integrated into an LCN or ZigBee-controlled building management system, we recommend our BEGA Control light control system. For technical data of DALI system components, see Page 312.

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



The crystal glass, white on the inside, distributes the light from the LED uniformly onto the surface to be illuminated.



Select the required finish by  
changing the code number.



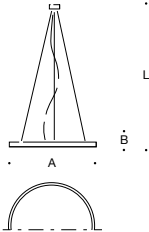
White enamel finish  
Code number **.1**



S/steel · Code number **.2**



Chrome · Code number **.3**



White enamel finish · Code number <b>.1</b>						
	LED		PSU	EEC	A	B L
<b>56 569.1</b>	77.5 W	4820 lm	DALI	A++	500	50 4000
<b>56 570.1</b>	116.0 W	9380 lm	DALI	A++	750	50 4000



The additional light emission upwards also illuminates the space above the luminaire and emphasises ceiling surfaces.

#### DUALA

##### LED large-area pendant luminaires for light in two directions

LED luminaires with high light output that emit their light in two directions.

The additional light emission upwards also illuminates the space above the luminaire and emphasises ceiling surfaces. Two diameters are available. For optimum coordination of the light with the respective lighting situation, these luminaires are DALI controllable.

A specially developed light-diffusing matt finish on the inner side of the disk results in maximum uniformity and transmission of the luminous surface. The high light outputs reduce the number of installation points and therefore the number of required luminaires.

The long LED service life and the cost-effectiveness of the luminaire also reduce the installation, maintenance and operating costs. Luminaires for novel and creative light concepts in nearly all areas of interior design.

Metal housing and canopy available with a choice of 2 finishes · White synthetic cover  
4 steel wires · Transparent connecting cable · Special lengths on request  
DALI controllable · Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



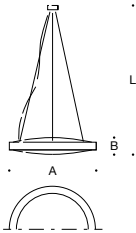
Select the required finish by  
changing the code number.



White enamel finish  
Code number **.1**



Polished aluminium  
Code number **.3**



White enamel finish · Code number **.1**

	LED		PSU	EEC	A	B	L
<b>50 498.1</b>	158 W	17 850 lm	DALI	A++	670	190	4000
<b>50 499.1</b>	220 W	22 720 lm	DALI	A++	930	230	4000



#### STUDIO LINE

##### LED large-area pendant luminaires

Large-area LED pendant luminaires with unusually high light output. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The luminaires are DALI controllable and available optionally with fixed or variable colour temperature (tunable white). Tunable white luminaires can be controlled using a DALI colour light control (DT 8, TW). We recommend our BEGA Control system for this purpose.

For technical data of DALI system components, see Page 312.

By adjusting the colour temperature you can adapt the illumination perfectly to your lighting requirements or to the required mood. Colour temperatures of between 2,700 and 6,500 K can be selected, perfectly covering the colour temperature range that is felt to be ideal.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Metal housing · Velvet black or velvet white enamel finish

Interior colour available with a choice of 3 finishes · White synthetic cover

4 steel wires · Transparent connecting cable · Special lengths on request

DALI controllable · Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

LED colour temperature tunable white luminaires adjustable from 2700 K to 6500 K

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Select the required interior colour by changing the code number.



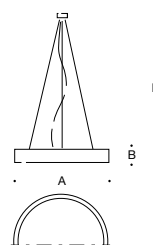
Interior colour in matt aluminium  
Code number **.2**



Interior colour in matt brass  
Code number **.4**



Interior colour in matt copper  
Code number **.6**



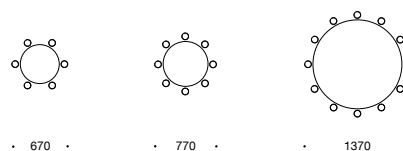
#### Interior colour **matt aluminium** · Code number **.2**

Velvet black	Velvet white	LED	Power supply unit	EEC	A	B	L	AC/DC
<b>50 274.2</b>	<b>50 366.2</b>	102 W 10 990 lm	DALI	A++	1000	200	4000	✓
<b>50 275.2</b>	<b>50 367.2</b>	140 W 15 820 lm	DALI	A++	1300	200	4000	✓

#### Interior colour **matt aluminium** · Code number **.2** · **Tunable white** · 2700 - 6500 K

Velvet black	Velvet white	LED	Power supply unit	EEC	A	B	L	AC/DC
<b>50 276.2</b>	<b>50 368.2</b>	114 W 11 565 lm	DALI DT8, TW	A++	1000	200	4000	✓
<b>50 277.2</b>	<b>50 369.2</b>	144 W 14 005 lm	DALI DT8, TW	A++	1300	200	4000	✓





#### Chandeliers

#### LED pendant luminaires with rod suspension for large rooms and wall luminaires

We refer to our LED pendant luminaires with rod suspension for large rooms as "chandeliers". They present a contemporary interpretation of the historical chandeliers that have been used for centuries to illuminate rooms in a particularly festive manner. The distinctive form of these luminaires has an impressive impact on people and space by day and by night. Representative and festive light – for exclusive private rooms and grand stylish architecture. The slim cylinders made of hand-blown three-ply opal glass are supported by captivatingly precise rings with a rectangular cross section. Each of these exquisite chandeliers is a unique product, hand-polished with masterly skill. We can also supply these luminaires with a combination of various chandelier diameters as custom-made products.

Wall luminaire, chandelier, rod suspension and canopy in polished aluminium · Opal glass  
DALI controllable · Colour rendering index (CRI) > 90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

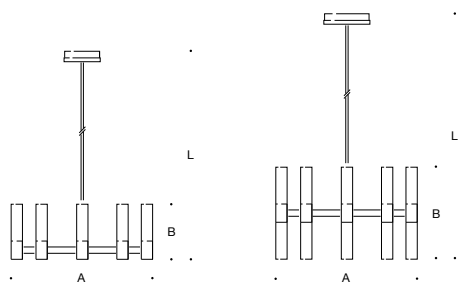
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

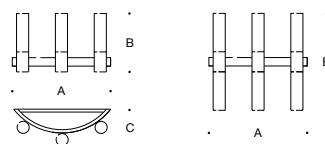
Fig. left: Luminaire 50 558.3 as a custom-made product with Ø 3000 mm





Pendant luminaires for large rooms · Chandeliers · <b>One-sided</b>									
	LED		PSU	EEC	Cylinder	A	B	L	
<b>50 553.3</b>	71.4 W	7200 lm	DALI	A++	6 x Ø80	670	385	1650	
<b>50 554.3</b>	95.2 W	9600 lm	DALI	A++	8 x Ø80	770	385	1650	
<b>50 555.3</b>	142.8 W	14 400 lm	DALI	A++	12 x Ø80	1370	385	1950	

Pendant luminaires for large rooms · Chandeliers · <b>Two-sided</b>									
	LED		PSU	EEC	Cylinder	A	B	L	
<b>50 556.3</b>	142.8 W	14 400 lm	DALI	A++	12 x Ø80	670	640	1890	
<b>50 557.3</b>	190.4 W	19 200 lm	DALI	A++	16 x Ø80	770	640	1890	
<b>50 558.3</b>	285.6 W	28 800 lm	DALI	A++	24 x Ø80	1370	640	2190	



Wall luminaire · <b>One-sided</b>									
	LED		PSU	EEC	Cylinder	A	B	C	AC/DC
<b>50 582.3</b>	33.8 W	3600 lm	DALI	A++	3 x Ø80	650	385	250	✓



Wall luminaire · <b>Two-sided</b>									
	LED		PSU	EEC	Cylinder	A	B	C	AC/DC
<b>50 583.3</b>	67.5 W	7200 lm	DALI	A++	6 x Ø80	650	640	250	✓



Reflector made of pure high-gloss anodised aluminium for downward-directed light

#### LED pendant luminaire downlights

Optionally with light emission upwards

LED pendant luminaires in two versions for a host of lighting applications. Lighting planners often have two wishes: on the one hand a high degree of illuminance on the surface to be illuminated, on the other hand unshielded light that produces vertical illuminance in the room. These LED pendant luminaires unite both functions. The unshielded light is produced by LED modules with various outputs in the opal glass cylinder. An additional wide beam downlight creates efficient downward-directed light.

For situations requiring the illumination of ceilings or building structures, these luminaires are also available with additional light emission upwards.

The respective lighting functions are DALI controllable and let you conjure up practically any lighting atmosphere.

In the case of the RGBW pendant luminaires, the colour of the unshielded light and the light emitted upwards can be controlled separately. The light directed downwards by the downlight is always optionally 3000 K or 4000 K.

Metal housing with white enamel finish · Opal glass · Safety glass

Reflector made of pure anodised aluminium · White cable pendant

Special lengths on request

DALI controllable · Colour rendering index (CRI) > 90

The RGBW luminaires can be controlled by DALI colour light control (DT 8, RGBWAF, xy). We recommend our BEGA Control system for this purpose.

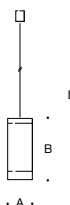
For the technical data of DALI system components, see Page 312.

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Pendant luminaires · Downlights										
	LED			PSU	EEC	$\beta$	A	B	L	AC/DC
<b>50 234.1</b>	16 W	1130 lm	Opal glass	DALI	A++	—	185	480	6000	✓
	20 W	1845 lm	Downlights		A++	85°				
<b>50 236.1</b>	32 W	2810 lm	Opal glass	DALI	A++	—	185	480	6000	✓
	20 W	1845 lm	Downlights		A++	85°				
<b>50 235.1</b>	30 W	2055 lm	Opal glass	DALI	A++	—	220	570	10 000	✓
	41 W	4275 lm	Downlights		A++	85°				
<b>50 237.1</b>	58 W	4460 lm	Opal glass	DALI	A++	—	220	570	10 000	✓
	41 W	4275 lm	Downlights		A++	85°				



Pendant luminaires · Downlights · With light emission upwards										
	LED			PSU	EEC	$\beta$	A	B	L	AC/DC
<b>50 238.1</b>	32 W	2810 lm	Opal glass	DALI	A++	—	185	480	6000	✓
	20 W	1845 lm	Downlights		A++	85°				
	11 W	1580 lm	Light emission upwards		A++	—				
<b>50 239.1</b>	58 W	4460 lm	Opal glass	DALI	A++	—	220	570	10 000	✓
	41 W	4275 lm	Downlights		A++	85°				
	23 W	2290 lm	Light emission upwards		A++	—				



RGBW pendant luminaires · Downlights · With light emission upwards										
	LED			PSU		$\beta$	A	B	L	AC/DC
<b>50 609.1</b>	35 W	1550 lm	Opal glass	DALI DT8		—	185	480	6000	✓
	20 W	1845 lm	Downlights			85°				
	17.5 W	1130 lm	Light emission upwards			—				
<b>50 610.1</b>	52 W	2310 lm	Opal glass	DALI DT8		—	220	570	10 000	✓
	41 W	4275 lm	Downlights			85°				
	26 W	1510 lm	Light emission upwards			—				

$\beta$  = Half beam angle



### LED pendant luminaire downlights

Wide beam light distribution

LED pendant luminaires · Downlights in various sizes and finishes with wide beam light distribution. These luminaires feature thick-walled, handcrafted, partially frosted crystal glass with impressive and multi-faceted light graphics. They combine our glass-making skills with efficient lighting technology in luminaires of noble charm. These downlights are available in different sizes and light outputs. For matching recessed ceiling luminaires with the same technical features, see Pages 24 to 27, for matching ceiling luminaires, see Page 86.

Cast aluminium luminaire housing available with a choice of 2 finishes · Partially frosted crystal glass  
Reflector made of pure anodised aluminium · Special lengths on request  
Luminaires with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Canopy



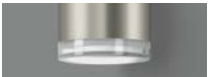
Partially frosted crystal glass



Select the required finish by  
changing the code number.



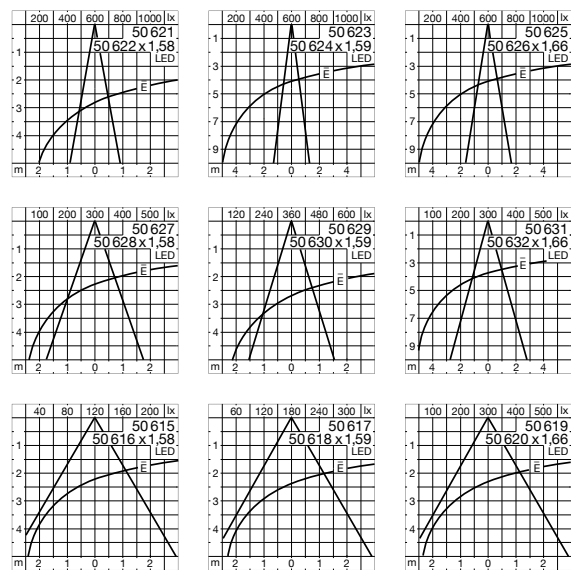
Velvet white enamel finish  
Code number .1  
White cable pendant



S/steel · Code number .2  
Black cable pendant



Velvet white enamel finish · Code number .1 · White cable pendant								
	LED		PSU	EEC	A	B	L	AC/DC
50 612.1	9.7 W	765 lm	on/off	A++	120	130	2000	✓
50 613.1	13.5 W	955 lm	DALI	A++	135	145	3000	✓
50 614.1	20.0 W	1700 lm	DALI	A++	180	175	3000	✓



## GENIUS

### LED pendant luminaire downlights

The pendant luminaires on these pages belong to the GENIUS series of downlights. They are luminaires with BEGA hybrid optics. They combine 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 322.

These downlights are available in various light distributions and sizes.

Different light outputs are available and you can choose between a colour rendering index (CRI) >80 or >90.

For matching recessed ceiling luminaires with the same technical features, see Pages 18 to 21, for matching ceiling luminaires, see Page 84.

Cast aluminium luminaire housing available with a choice of 2 finishes · Safety glass

Reflector surface made of pure aluminium · Chrome reflector retaining ring

Special lengths on request

Luminaires with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) > 80 and >90

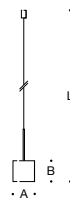
These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





Select the required finish by  
changing the code number.



Velvet white enamel finish  
Code number .1  
White cable pendant



Velvet black enamel finish  
Code number .5  
Black cable pendant

#### **Narrow beam** · Velvet white enamel finish · Code number .1 · White cable pendant

	LED		CRI	PSU	EEC	$\beta$	A	B	L	AC/DC
<b>50 621.1</b>	9.7 W	1030 lm	>90	on/off	A++	21°	120	115	2000	✓
<b>50 622.1</b>	13.5 W	1630 lm	>80	on/off	A++	21°	120	115	2000	✓
<b>50 623.1</b>	13.5 W	1460 lm	>90	DALI	A++	15°	135	125	3000	✓
<b>50 624.1</b>	19.5 W	2330 lm	>80	DALI	A++	15°	135	125	3000	✓
<b>50 625.1</b>	20.0 W	2205 lm	>90	DALI	A++	19°	180	150	3000	✓
<b>50 626.1</b>	29.0 W	3665 lm	>80	DALI	A++	19°	180	150	3000	✓

#### **Wide beam** · Velvet white enamel finish · Code number .1 · White cable pendant

	LED		CRI	PSU	EEC	$\beta$	A	B	L	AC/DC
<b>50 627.1</b>	9.7 W	1055 lm	>90	on/off	A++	38°	120	115	2000	✓
<b>50 628.1</b>	13.5 W	1670 lm	>80	on/off	A++	38°	120	115	2000	✓
<b>50 629.1</b>	13.5 W	1470 lm	>90	DALI	A++	34°	135	125	3000	✓
<b>50 630.1</b>	19.5 W	2345 lm	>80	DALI	A++	34°	135	125	3000	✓
<b>50 631.1</b>	20.0 W	2210 lm	>90	DALI	A++	32°	180	150	3000	✓
<b>50 632.1</b>	29.0 W	3665 lm	>80	DALI	A++	32°	180	150	3000	✓

#### **Very wide beam** · Velvet white enamel finish · Code number .1 · White cable pendant

	LED		CRI	PSU	EEC	$\beta$	A	B	L	AC/DC
<b>50 615.1</b>	9.7 W	995 lm	>90	on/off	A++	62°	120	115	2000	✓
<b>50 616.1</b>	13.5 W	1575 lm	>80	on/off	A++	62°	120	115	2000	✓
<b>50 617.1</b>	13.5 W	1430 lm	>90	DALI	A++	60°	135	125	3000	✓
<b>50 618.1</b>	19.5 W	2290 lm	>80	DALI	A++	60°	135	125	3000	✓
<b>50 619.1</b>	20.0 W	2165 lm	>90	DALI	A++	59°	180	150	3000	✓
<b>50 620.1</b>	29.0 W	3585 lm	>80	DALI	A++	59°	180	150	3000	✓

$\beta$  = Half beam angle





## LED pendant luminaire downlights

LED pendant luminaires with various outputs and dimensions. These luminaires produce both downward-directed light and unshielded light.  
 Lighting planners often wish for a high degree of illuminance on the surface to be illuminated as well as for unshielded light that produces vertical illuminance in the room. While the three-ply opal glass produces a pleasant and soft distribution of the unshielded light in the room, the integral downlight creates efficient downward-directed light. For information about the relevant half beam angles, please refer to the table. The respective lighting functions are DALI controllable and let you conjure up practically any lighting atmosphere.

Metal housing with white enamel finish · Opal glass · Safety glass  
 Reflector made of pure anodised aluminium · White cable pendant  
 Special lengths on request · DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



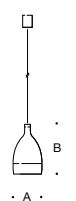
The combination of hand-blown opal glass and reflectors results in unshielded and downward-directed light.



Canopy



Reflector made of pure high-gloss anodised aluminium for downward-directed light



LED pendant luminaires · Downlights									
	LED			PSU	EEC	$\beta$	A	B	L AC/DC
<b>50 232.1</b>	16 W	1350 lm	Opal glass	DALI	A++	—	185	310	3000 ✓
	20 W	1855 lm	Downlights		A++	85°			
<b>50 233.1</b>	30 W	2355 lm	Opal glass	DALI	A++	—	220	370	4000 ✓
	41 W	4060 lm	Downlights		A++	85°			

$\beta$  = Half beam angle



• 145 •



• 200 •



• 255 •



• 300 •

## LED pendant luminaires

### Downlights

LED pendant luminaires with various outputs, half beam angles and dimensions and in various types of material.

Downlights with hand-blown crystal glass and reflectors which direct most of the light downwards in order to generate a high degree of horizontal illuminance.

A focusing/diffusing lens bundles the efficient LED light in the centre of the reflector for downward-directed light.

Metal housing and canopy available with a choice of 3 finishes

Crystal glass · Focusing /diffusing lens made of partially frosted crystal glass

Reflector made of pure anodised aluminium · Special lengths on request

Luminaires with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

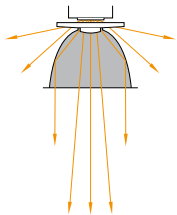
3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Focusing / diffusing lens  
made of partially frosted  
crystal glass



Canopy in luminaire colour

Select the required finish by  
changing the code number.



White enamel finish  
Code number .1  
White cable pendant



S/steel · Code number .2  
Black cable pendant



Polished aluminium  
Code number .3  
Black cable pendant



White enamel finish · Code number .1									
	LED	PSU	EEC	$\beta$	A	B	L	AC/DC	
<b>56 575.1</b>	10.8 W	1110 lm	on/off	A++	38°	145	168	1500	✓
<b>56 565.1</b>	15.5 W	1520 lm	DALI	A++	36°	200	225	2000	✓
<b>56 566.1</b>	20.0 W	2000 lm	DALI	A++	38°	255	290	3000	✓
<b>56 581.1</b>	41.5 W	3540 lm	DALI	A++	61°	300	340	4000	✓

$\beta$  = Half beam angle





• 145 •



• 200 •



• 255 •



• 300 •

#### LED pendant luminaires

Unshielded light

LED pendant luminaires with various outputs and dimensions and in various types of material. Luminaires with hand-blown satin matt opal glass for unshielded light. The gentle grace of the opal glass luminaires harmonises perfectly with their unshielded, soft light.

Metal housing and canopy available with a choice of 3 finishes

Satin matt opal glass · Special lengths on request

Luminaires with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Satin matt  
hand-blown opal glass



Canopy in luminaire colour

Select the required finish by  
changing the code number.



White enamel finish  
Code number .1  
White cable pendant



S/steel · Code number .2  
Black cable pendant



Polished aluminium  
Code number .3  
Black cable pendant



White enamel finish · Code number .1 · White cable pendant								
	LED		PSU	EEC	A	B	L	AC/DC
<b>56 576.1</b>	10.8 W	1020 lm	on/off	A++	145	168	1500	✓
<b>56 567.1</b>	15.5 W	1570 lm	DALI	A++	200	225	2000	✓
<b>56 568.1</b>	20.0 W	2140 lm	DALI	A++	255	290	3000	✓
<b>56 582.1</b>	41.5 W	3695 lm	DALI	A++	300	340	4000	✓



**LED pendant luminaires · Downlights**  
optionally with additional light emission upwards

LED pendant luminaires which direct the light from our efficient LED modules straight onto the surface to be illuminated. At the same time, an internal frosted glass diffuser and the outer glass combine to produce a vertical light fraction for a uniform lighting effect. If additional illumination is required for the room ceiling or for structural elements above the luminaire, this series offers a luminaire version with additional light emission upwards. The light is then directed upwards in a wide beam by means of a reflector unit.

Metal housing available with a choice of 2 finishes · Canopy white enamel finish  
Crystal glass · Internal glass diffuser made of frosted crystal glass · 3 steel wires  
Transparent cable pendant · Special lengths on request · DALI controllable  
Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

LED colour temperature:

3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





White canopy

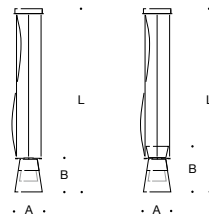
Select the required finish by changing the code number.



White enamel finish  
Code number .1



Polished aluminium  
Code number .3



Downlight · White enamel finish · Code number .1

	LED	PSU	EEC	A	B	L	AC/DC
50 242.1	32 W	3740 lm	DALI	A++	270	330 3200	✓

Downlight with light emission upwards · White enamel finish · Code number .1

	LED	PSU	EEC	A	B	L	AC/DC
50 611.1	62.5 W	6835 lm	DALI	A++	270	440 3200	✓



## LED pendant luminaires

Downlights

A series of LED pendant luminaires with various outputs, half beam angles and dimensions and in various types of material.

These downlights are optionally available with hand-blown three-ply opal glass or with crystal glass.

The integral reflectors direct most of the light downwards in order to generate a high degree of horizontal illuminance.

A focusing/diffusing lens made of crystal glass bundles the efficient LED light in the centre of the reflector for downward-directed light.

Metal housing and canopy available with a choice of 3 finishes · Opal glass or crystal glass

Focusing / diffusing lens made of partially frosted crystal glass

Reflector made of pure anodised aluminium · Special lengths on request

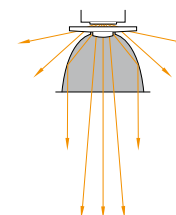
Luminaires with on/off power supply unit or DALI controllable power supply unit · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





Canopy in luminaire colour

Select the required finish by changing the code number.



White enamel finish  
Code number .1  
White cable pendant



S/steel · Code number .2  
Black cable pendant



Polished aluminium  
Code number .3  
Black cable pendant



Opal glass · White enamel finish · Code number .1 · White cable pendant									
	LED	PSU	EEC	β	A	B	L	AC/DC	
56 621.1	11.2 W	715 lm	on/off	A++	41°	140	340	1500	✓
56 622.1	15.5 W	1480 lm	DALI	A++	43°	200	495	2000	✓
56 623.1	20.0 W	1630 lm	DALI	A++	34°	260	670	3000	✓

Crystal glass · White enamel finish · Code number .1 · White cable pendant									
	LED	PSU	EEC	β	A	B	L	AC/DC	
56 535.1	11.2 W	1020 lm	on/off	A++	37°	140	340	1500	✓
56 536.1	15.5 W	1625 lm	DALI	A++	43°	200	495	2000	✓
56 537.1	20.0 W	1765 lm	DALI	A++	34°	260	670	3000	✓

β = Half beam angle



The sphere

#### Unshielded pendant luminaires with cable pendant

Interpretation of a classic. It often seems as if a long known object cannot be improved.

We have given a new interpretation to the classic pendant luminaire. With its contemporary timeless design and modern lighting technology, this new series continues a long tradition.

Luminaires with satin matt hand-blown opal glass. This produces a highly-translucent but opaque glass that diffuses the light very uniformly. The effect is particularly enhanced by the large surface area of the luminaire glass. And as solid and reliable lighting tools they will continue to do their job over long operating periods. The luminaires are optionally available with LED or for lamps with screw base E 27. You will find suitable BEGA LED lamps on Page 318.

We can also supply luminaires with a diameter of  $\geq 250$  mm made of impact-resistant synthetic material for applications in which glass cannot be used.

For pendant luminaires with rod suspension and the same technical characteristics, see Page 260, for matching ceiling and wall luminaires, see Page 134, for matching recessed ceiling luminaires, see Page 46.

Metal housing and canopy available with a choice of 4 finishes · Satin matt opal glass · Special lengths on request  
LED luminaires: DALI controllable · Colour rendering index (CRI) > 90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Canopy of the LED luminaires



Canopy of the luminaires for lamps with screw base E 27



Select the required finish by changing the code number.



White enamel finish  
Code number **.1**  
White cable pendant



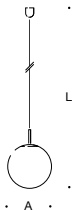
S/steel · Code number **.2**  
Black cable pendant



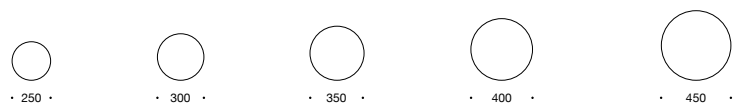
Chrome · Code number **.3**  
Black cable pendant



Brass · Code number **.4**  
White cable pendant



Opal glass		Synthetic material		White enamel finish · Code number <b>.1</b> · White cable pendant					
				LED	PSU	EEC	A	L	AC/DC
<b>56 588.1</b>	1280 lm	<b>56 588.1P</b>	1350 lm	14.7 W	DALI	A++	250 2000		✓
<b>56 589.1</b>	1540 lm	<b>56 589.1P</b>	1615 lm	21.0 W	DALI	A++	300 2000		✓
<b>56 590.1</b>	3010 lm	<b>56 590.1P</b>	3115 lm	33.0 W	DALI	A++	350 2000		✓
<b>56 591.1</b>	3545 lm	<b>56 591.1P</b>	3850 lm	40.5 W	DALI	A++	400 2050		✓
				Lamp		Base			
<b>45 485.1</b>		—		1 lamp	60 W	E 27	A++-E	200 1950	—
<b>45 486.1</b>		<b>45 486.1P</b>		1 lamp	100 W	E 27	A++-E	250 2000	—
<b>45 487.1</b>		<b>45 487.1P</b>		1 lamp	150 W	E 27	A++-E	300 2000	—
<b>45 488.1</b>		<b>45 488.1P</b>		1 lamp	200 W	E 27	A++-E	350 2000	—
<b>45 489.1</b>		<b>45 489.1P</b>		1 lamp	200 W	E 27	A++-E	400 2050	—
<b>45 490.1</b>		<b>45 490.1P</b>		1 lamp	200 W	E 27	A++-E	450 2200	—



The sphere

#### Unshielded pendant luminaires with rod suspension

Pendant luminaires with rod suspension in the classic shape of a sphere – with the same technical characteristics as the luminaires with cable pendant on Page 258; for matching ceiling and wall luminaires, see Page 134, for matching recessed ceiling luminaires, see Page 46.

These luminaires are delivered with a traditional rod suspension of 13 mm diameter. A special structure allows the rod suspensions to be easily shortened to the required length. The luminaires can also be supplied in larger overall lengths as custom-made products.

We can also supply luminaires made of impact-resistant synthetic material for applications in which glass cannot be used.

The luminaires are optionally available with LED or for lamps with screw base E 27.

You will find suitable BEGA LED lamps on Page 318.

Metal housing and canopy available with a choice of 4 finishes

Satin matt opal glass · Special lengths on request

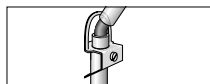
LED luminaires: DALI controllable · Colour rendering index (CRI) > 90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



A special structure allows the rod suspension to be easily shortened to the required length.



Canopy of the LED luminaire



Canopy of the luminaire for lamps with screw base E 27



Select the required finish by changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Chrome · Code number .3

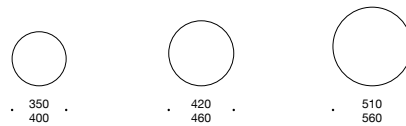


Brass · Code number .4



Opal glass		Synthetic material		White enamel finish · Code number .1						
				LED	PSU	EEC	A	L	AC/DC	
<b>56 598.1</b>	1280 lm	<b>56 598.1P</b>	1350 lm	14.7 W	DALI	A++	250 1800		✓	
<b>56 599.1</b>	1540 lm	<b>56 599.1P</b>	1615 lm	21.0 W	DALI	A++	300 1850		✓	
<b>56 600.1</b>	3010 lm	<b>56 600.1P</b>	3115 lm	33.0 W	DALI	A++	350 1900		✓	
<b>56 601.1</b>	3545 lm	<b>56 601.1P</b>	3850 lm	40.5 W	DALI	A++	400 1950		✓	
				Lamp	Base					
<b>45 950.1</b>		<b>45 950.1P</b>		1 lamp	100 W	E 27	A++-E	250 1800	—	
<b>45 726.1</b>		<b>45 726.1P</b>		1 lamp	150 W	E 27	A++-E	300 1850	—	
<b>45 727.1</b>		<b>45 727.1P</b>		1 lamp	200 W	E 27	A++-E	350 1900	—	
<b>45 728.1</b>		<b>45 728.1P</b>		1 lamp	200 W	E 27	A++-E	400 1950	—	
<b>45 729.1</b>		<b>45 729.1P</b>		1 lamp	200 W	E 27	A++-E	450 2000	—	





#### Unshielded LED pendant luminaires

Expertly hand-crafted glass combined with reliable technology: These new LED pendant luminaires, available in various sizes and with different light outputs, offer a broad spectrum of planning options.

And as solid and reliable lighting tools they will continue to do their job over long operating periods. Perfect proportions and impressive luminaire glass make these luminaires elegant and durable elements of interior design.

Metal fitting and canopy · White enamel finish · Opal glass or synthetic material  
3 steel wires · Transparent cable pendant · Special lengths on request  
Luminaires with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) >90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

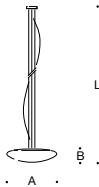
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



White canopy

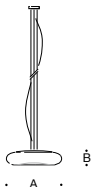


Opal glass

		Synthetic material	
<b>56 554</b>	1090 lm	<b>56 554 P</b>	1130 lm
<b>56 579</b>	2130 lm	<b>56 579 P</b>	2365 lm
<b>56 580</b>	3230 lm	<b>56 580 P</b>	3730 lm

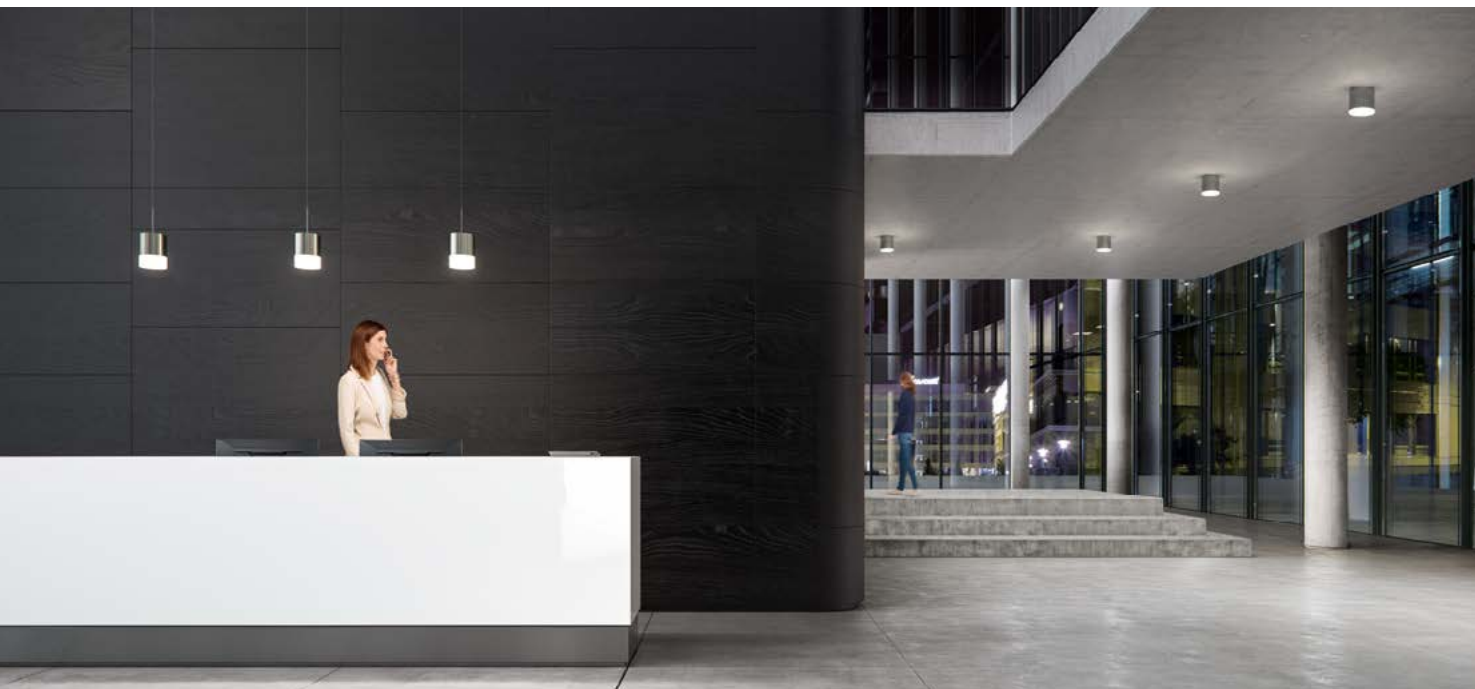
Pendant luminaires

LED	PSU	EEC	A	B	L	AC/DC
13.6 W	on/off	A++	350	95	3000	✓
29.4 W	DALI	A++	420	110	4000	✓
42.6 W	DALI	A++	510	130	4000	✓



Pendant luminaires · Opal glass

LED	PSU	EEC	A	B	L	AC/DC
<b>56 545</b>	13.6 W	1105 lm	on/off	A++	400 110 3000	✓
<b>56 577</b>	29.4 W	2205 lm	DALI	A++	460 110 4000	✓
<b>56 578</b>	42.6 W	3375 lm	DALI	A++	560 140 4000	✓



### LED pendant luminaires · Downlights

Wide beam light distribution

LED pendant luminaires · Downlights with hand-blown three-ply opal glass and wide beam light distribution. Luminaires in various sizes and finishes. They combine our glass-making skills with efficient lighting technology in luminaires of noble charm. Comfortable light for illumination in rows or in groups. For matching recessed ceiling luminaires with the same technical features, see Page 36, for matching ceiling luminaires, see Page 90.

Aluminium luminaire housing available with a choice of 3 finishes · Satin matt opal glass  
Reflector made of pure anodised aluminium · Special lengths on request  
Luminaires with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) >90

Several luminaires can be combined in a group at one installation point for the illumination of staircases or high spaces. In this case, we supply the individual luminaires with the required length of cable and a ceiling distributor designed to carry 2 to 6 luminaires. Matching accessories such as ceiling distributors and cross beams can be found on Pages 316 to 317.

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

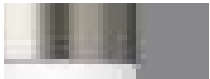


Canopy in luminaire colour

Select the required finish by changing the code number.



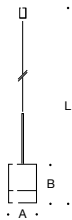
White enamel finish  
Code number .1  
White cable pendant



S/steel · Code number .2  
Black cable pendant



Velvet black enamel finish  
Code number .5  
Black cable pendant



White enamel finish · Code number .1									
	LED	PSU	EEC	$\beta$	A	B	L	AC/DC	
50 638.1	9.7 W	920 lm	on/off	A++	45°	120	165	2000	✓
50 639.1	13.5 W	1150 lm	DALI	A++	44°	135	185	3000	✓
50 640.1	20.0 W	2040 lm	DALI	A++	43°	180	230	3000	✓

$\beta$  = Half beam angle



#### LED pendant luminaires for large rooms

Unshielded light with high light outputs  
Optionally with an additional integral downlight

New LED pendant luminaires for a host of lighting applications. Lighting planners often have two wishes:

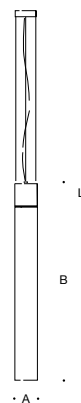
on the one hand a high degree of illuminance on the surface to be illuminated, on the other hand unshielded light that produces vertical illuminance in the room. These LED pendant luminaires unite both functions. They are optionally available as unshielded luminaires or with an additional integral downlight for your planning work. The unshielded light component is generated by LED modules in the white synthetic cylinder. In the luminaire with integral downlight, this additionally creates an efficient wide beam light. The two lighting functions are separately DALI controllable and let you conjure up the desired lighting atmosphere.

Cast aluminium, aluminium and stainless steel · Synthetic cylinder  
Reflector made of pure anodised aluminium  
Metal fitting and canopy · White enamel finish  
3 steel wires · Transparent cable pendant · Special lengths on request  
DALI controllable · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.

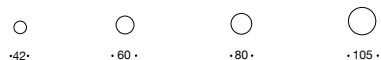


Unshielded · White enamel finish									
	LED			PSU	EEC	A	B	L	AC/DC
50 672.1	132 W	13 000 lm	Synthetic cylinder	DALI	A++	190	1780	4000	✓



Unshielded · <b>With additional downlight</b> · White enamel finish									
	LED			PSU	EEC	A	B	L	AC/DC
<b>50673.1</b>	132 W	13 000 lm	Synthetic cylinder	DALI	A++	190	1780	4000	✓
	20 W	1830 lm	Downlight						





## LED pendant luminaires

### Downlights

LED pendant luminaires in various sizes. Efficient luminaires with thick-walled crystal glass and anodised reflectors for downward-directed light distribution. The various sizes and light outputs of the luminaires enable solutions for many different lighting applications.

Metal housing and canopy available with a choice of 3 finishes · Partially frosted crystal glass

Reflector made of pure anodised aluminium · Special lengths on request

Luminaires with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Partially frosted crystal glass



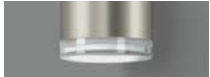


Canopy in luminaire colour

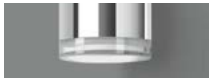
Select the required finish by changing the code number.



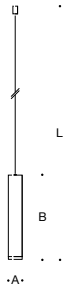
White enamel finish  
Code number .1  
White cable pendant



S/steel · Code number .2  
Black cable pendant



Polished aluminium  
Code number .3  
Black cable pendant

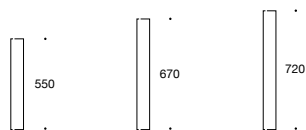


White enamel finish · Code number .1 · White cable pendant										
	LED		PSU	EEC	β	A	B	L	AC/DC	
45 236.1	4.3 W	320 lm	on/off	A++	51°	42	315	2000	✓	
50 341.1	20.8 W	1500 lm	DALI	A++	37°	60	400	2000	✓	
50 342.1	28.0 W	1975 lm	DALI	A++	37°	80	475	2000	✓	
50 343.1	42.0 W	2970 lm	DALI	A++	35°	105	550	3000	✓	
50 344.1	52.8 W	3860 lm	DALI	A++	35°	105	550	3000	✓	

β = Half beam angle



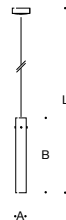
White canopy  
Transparent cable pendant



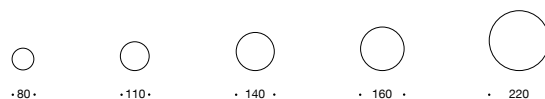
Unshielded pendant luminaires

Unshielded luminaires in various sizes.  
Luminaires for fluorescent lamps with cylinders made of hand-blown three-ply opal glass in which a wafer-thin opalescent layer is molten between two layers of crystal glass. This produces a highly-translucent but opaque glass that diffuses the light very uniformly. The effect is particularly enhanced by the large surface area of the luminaire glass.  
And as solid and reliable lighting tools they will continue to do their job over long operating periods. Perfect proportions and impressive luminaire glass make these luminaires elegant and durable elements of interior design.

Screwed glass connections in stainless steel · Canopy with white enamel finish  
Opal glass · Transparent cable pendant · Special lengths on request  
You can find further technical data in the product data sheets for the luminaires on our website.



	Lamp		Base	EEC	A	B	L	AC/DC
56 266	1	TC-L 36 W	2 G 11	A - B	80	550	2000	✓
56 270	1	TC-L 55 W	2 G 11	A - B	80	670	3000	✓
56 285	1	TC-L 80 W	2 G 11	A - B	80	720	3000	✓



### Unshielded pendant luminaires

Efficient unshielded luminaires in various diameters with cylinders made of hand-blown three-ply opal glass.

Luminaires with LED or for fluorescent lamps and lamps with screw base E 27. You will find suitable BEGA LED lamps on Page 318.

And as solid and reliable lighting tools they will continue to do their job over long operating periods. Perfect proportions and impressive luminaire glass make these luminaires elegant and durable elements of interior design.

Screwed glass connections in stainless steel · Canopy with white enamel finish · Opal glass  
White cable pendant · Special lengths on request

LED luminaires: DALI controllable · Colour rendering index (CRI) > 90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



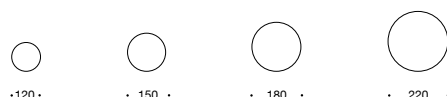
Canopy of the LED luminaires



Canopy of the luminaires for fluorescent lamps and lamps with screw base E 27



	LED		Power supply unit		EEC	A	B	L	AC/DC
<b>50 409</b>	18.4 W	1420 lm	DALI		A++	110	400	3000	✓
<b>50 410</b>	19.3 W	2010 lm	DALI		A++	140	620	4000	✓
<b>50 411</b>	53.2 W	4355 lm	DALI		A++	160	700	4000	✓
<b>50 412</b>	106.0 W	10 660 lm	DALI		A++	220	800	4000	✓
	Lamp		Base			A	B	L	AC/DC
<b>56 472</b>	1 TC-DEL	18 W	G 24 q-2	—	A - B	80	300	2000	✓
<b>56 473</b>	1 TC-DEL	26 W	G 24 q-3	—	A - B	110	400	3000	✓
<b>56 474</b>	1 TC-L	36 W	2 G 11	—	A - B	140	620	4000	—
<b>56 475</b>	2 TC-L	40 W	2 G 11	Dimmable 1-10 V	A - B	160	650	4000	✓
<b>56 489</b>	2 TC-L	55 W	2 G 11	Dimmable 1-10 V	A - B	160	700	4000	✓
<b>56 490</b>	3 TC-L	80 W	2 G 11	Dimmable 1-10 V	A - B	220	800	4000	✓
<b>45 911</b>	1 lamp	75 W	E 27	—	A++-E	80	300	2000	—
<b>45 912</b>	1 lamp	150 W	E 27	—	A++-E	110	400	3000	—



### Unshielded pendant luminaires

Unshielded pendant luminaires of classic cylinder shape in various sizes and light outputs. Luminaires with hand-blown, three-ply opal glass. Classic pendant luminaires for stylish and modern light design. Luminaires with LED or for fluorescent lamps and lamps with screw base E 27. You will find suitable BEGA LED lamps on Page 318.

Metal housing and canopy available with a choice of 2 finishes · Satin matt opal glass

Special lengths on request

LED luminaires: DALI controllable · Colour rendering index (CRI) >90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Canopy of the LED luminaires



Canopy of the luminaires for fluorescent lamps and lamps with screw base E 27



Select the required finish by  
changing the code number.



White enamel finish  
Code number .1  
White cable pendant



Chrome · Code number .3  
Black cable pendant



White enamel finish · Code number .1 · White cable pendant								
	LED	PSU	EEC	A	B	L	AC/DC	
<b>56 606.1</b>	14.0 W	1150 lm	DALI	A++	120	280	2000	✓
<b>56 607.1</b>	26.4 W	2245 lm	DALI	A++	150	350	2050	✓
<b>56 608.1</b>	33.0 W	2805 lm	DALI	A++	180	420	2100	✓
<b>56 609.1</b>	59.5 W	5920 lm	DALI	A++	220	550	2200	✓
	Lamp	Base						
<b>56 341.1</b>	1 TC-TELI	26 W	GX24 q-3	A - B	120	280	2000	✓
<b>56 342.1</b>	1 TC-TELI	42 W	GX24 q-3/4	A - B	150	350	2050	✓
<b>56 344.1</b>	3 TC-L	36 W	2 G 11	A - B	220	550	2200	✓
<b>45 413.1</b>	1 lamp	100 W	E 27	A++- E	120	280	2000	—
<b>45 414.1</b>	1 lamp	150 W	E 27	A++- E	150	350	2050	—
<b>45 415.1</b>	1 lamp	200 W	E 27	A++- E	180	420	2100	—
<b>45 416.1</b>	2 lamps	150 W	E 27	A++- E	220	550	2200	—





• 95 •



• 105 •



• 125 •



• 160 •

The fascination of “black glass”

#### **Pendant luminaires**

Exceptional pendant luminaires in various sizes, optionally made of white or black opal glass for lamps with screw base E 14 and E 27.

You will find suitable BEGA LED lamps on Page 318.

Luminaires with the same form language but different light effects. Shielded or unshielded.

The luminaires made of white opal glass emit part of the light downwards and pass the unshielded light through the glass to illuminate the room in a pleasant and uniform manner.

The interior surfaces of the black glass luminaires are also made of white opal glass.

The light from the lamp is reflected downwards in brilliant white. In daylight, this valuable material appears opaque and deep black. In the light from the lamps, on the other hand, you see a fascinating colour spectrum from deep black to discreet dark blue.

- Opal glass · White canopy and cable pendant
  - Opal glass · Outside matt black · Inside white · Black canopy and cable pendant
- Special lengths on request

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



Canopy in luminaire colour



Opal glass, **white** · **White** cable pendant

	Lamp		Base	EEC	A	B	L
<b>45 899</b>	1 lamp	40 W	E 14	A++-E	95	170	2000
<b>45 895</b>	1 lamp	60 W	E 27	A++-E	105	240	2000
<b>56 296</b>	1 lamp	100 W	E 27	A++-E	125	285	2000
<b>45 896</b>	1 lamp	150 W	E 27	A++-E	160	370	2000

Opal glass, **outside matt black** · **Black** cable pendant

	Lamp		Base	EEC	A	B	L
<b>56 251</b>	1 lamp	40 W	E 14	A++-E	95	170	2000
<b>56 252</b>	1 lamp	60 W	E 27	A++-E	105	240	2000
<b>56 297</b>	1 lamp	75 W	E 27	A++-E	125	285	2000
<b>56 253</b>	1 lamp	100 W	E 27	A++-E	160	370	2000



Luminaires shown with special lacquered finish.



## LED pendant luminaires

### Downlights

LED luminaires with thick-walled crystal glass and cast luminaire housings. Pendant luminaires with anodised reflectors made of pure aluminium for downward-directed and efficient illumination. The partial matt finish on the inside of the valuable crystal glass results in optimum glare suppression with high visual comfort in spite of the high degree of illuminance.

Metal housing and canopy available with a choice of 3 finishes · Partially frosted crystal glass  
Reflector made of pure anodised aluminium · Transparent cable pendant · Special lengths on request  
Luminaires with on/off power supply unit or DALI controllable power supply unit  
Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.





Canopy in luminaire colour

Select the required finish by changing the code number.



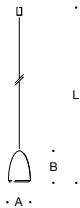
White enamel finish  
Code number .1



S/steel · Code number .2



Chrome · Code number .3



White enamel finish · Code number .1								
	LED	PSU	EEC	A	B	L	AC/DC	
56 538.1	4.3 W	215 lm	on/off	A++	95	125 1500	✓	
50 700.1	13.7 W	1185 lm	DALI	A++	135	180 2000	✓	
50 701.1	20.0 W	1670 lm	DALI	A++	155	220 2000	✓	



#### STUDIO LINE Shielded LED pendant luminaires

These LED pendant luminaires come in various sizes and belong to the STUDIO LINE series. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay.

We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty. The light directed downwards from these pendant luminaires is shielded to the outside by a cylindrical luminaire housing.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Metal housing velvet black or velvet white enamel finish

Interior colour available with a choice of 3 finishes

Canopy and cable pendant in luminaire colour

Special lengths on request · On/off power supply unit · Colour rendering index (CRI) > 90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



Canopy and cable pendant  
in luminaire colour

Select the required interior colour  
by changing the code number.



Interior colour in matt aluminium  
Code number **.2**



Interior colour in matt brass  
Code number **.4**



Interior colour in matt copper  
Code number **.6**



Pendant luminaires · Interior colour <b>matt aluminium</b> · Code number <b>.2</b>									
Velvet black	Velvet white	LED	PSU	EEC	A	B	L	AC/DC	
<b>50 420.2</b>	<b>50 422.2</b>	9.0 W	420 lm	on/off	A++	50	400 2000	✓	
<b>50 421.2</b>	<b>50 423.2</b>	12.4 W	460 lm	on/off	A++	60	500 2000	✓	



## STUDIO LINE

### Shielded LED pendant luminaires

These LED pendant luminaires come in various sizes and belong to the STUDIO LINE series.

These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay.

We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty. The light directed downwards from these pendant luminaires is shielded to the outside by a cylindrical luminaire housing. Some of the light is emitted upwards and softly highlights the exterior finish of the upper luminaire cylinder.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Metal housing velvet black or velvet white enamel finish

Interior colour available with a choice of 3 finishes · Canopy and cable pendant in luminaire colour

Special lengths on request · Luminaires with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) > 90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. LED colour temperature: 3000K – Article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



Some of the light is emitted upwards and softly highlights the exterior finish of the upper luminaire cylinder.





Canopy and cable pendant  
in luminaire colour

Select the required interior colour  
by changing the code number.



Interior colour in matt aluminium  
Code number .2



Interior colour in matt brass  
Code number .4



Interior colour in matt copper  
Code number .6



Pendant luminaires · Interior colour **matt aluminium** · Code number .2

Velvet black	Velvet white	LED	PSU	EEC	A	B	L	AC/DC
<b>50 586.2</b>	<b>50 584.2</b>	17.9 W 880 lm	on/off	A++	100	330	2000	✓
<b>50 587.2</b>	<b>50 585.2</b>	27.8 W 1845 lm	DALI	A++	140	450	2000	✓



## STUDIO LINE Shielded LED pendant luminaires

These LED pendant luminaires come in various sizes and belong to the STUDIO LINE series. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay.

We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty. The light directed downwards from these pendant luminaires is shielded to the outside by a cylindrical luminaire housing.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Metal housing velvet black or velvet white enamel finish

Interior colour available with a choice of 3 finishes · Canopy and cable pendant in luminaire colour

Special lengths on request · On/off power supply unit · Colour rendering index (CRI) > 90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. LED colour temperature: 3000 K – Article number + **K3**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.

Select the required interior colour by changing the code number.



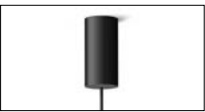
Interior colour in matt aluminium  
Code number **.2**



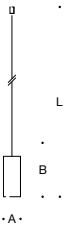
Interior colour in matt brass  
Code number **.4**



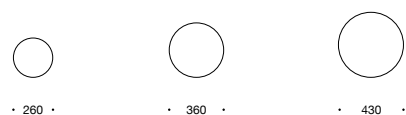
Interior colour in matt copper  
Code number **.6**



Canopy and cable pendant  
in luminaire colour



Pendant luminaires · Interior colour <b>matt aluminium</b> · Code number <b>.2</b>									
Velvet black	Velvet white	LED	PSU	EEC	A	B	L	AC/DC	
<b>50 244.2</b>	<b>50 357.2</b>	9.0 W	390 lm	on/off	A <sup>++</sup>	80	190	1500	✓
<b>50 245.2</b>	<b>50 358.2</b>	15.2 W	600 lm	on/off	A <sup>+</sup>	100	250	1700	✓



#### STUDIO LINE Shielded LED pendant luminaires

These LED pendant luminaires come in various sizes and belong to the STUDIO LINE series.

These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The light from these pendant luminaires is shielded to the outside. It is directed downwards inside the luminaire housing to provide a pleasantly soft lighting atmosphere with high visual comfort.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Metal housing velvet black or velvet white enamel finish

White synthetic cover · Interior colour available with a choice of 3 finishes

Canopy, cable pendant and rod suspension in luminaire colour

Special lengths on request

Luminaires with on/off power supply unit or DALI controllable power supply unit

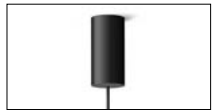
Colour rendering index (CRI) > 90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



Canopy, cable pendant  
and rod suspension in  
luminaire colour

Select the required interior colour  
by changing the code number.



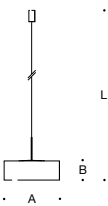
Interior colour in matt aluminium  
Code number **.2**



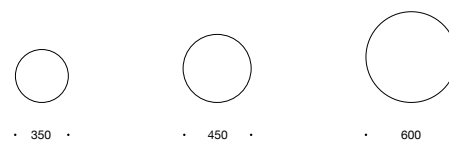
Interior colour in matt brass  
Code number **.4**



Interior colour in matt copper  
Code number **.6**



Pendant luminaires · Interior colour <b>matt aluminium</b> · Code number <b>.2</b>									
Velvet black	Velvet white	LED		PSU	EEC	A	B	L	AC/DC
<b>50 246.2</b>	<b>50 351.2</b>	16.0 W	690 lm	on/off	A++	260	105	1750	—
<b>50 247.2</b>	<b>50 352.2</b>	31.0 W	1640 lm	DALI	A++	360	120	2000	✓
<b>50 248.2</b>	<b>50 353.2</b>	48.5 W	2525 lm	DALI	A++	430	145	2000	✓



#### STUDIO LINE Shielded LED pendant luminaires

These LED pendant luminaires come in various sizes and belong to the STUDIO LINE series.

These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The light from these pendant luminaires is shielded to the outside. It is directed downwards inside the luminaire housing to provide a pleasantly soft lighting atmosphere with high visual comfort.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

Metal housing velvet black or velvet white enamel finish

White synthetic cover · Interior colour available with a choice of 3 finishes

Canopy and cable pendant in luminaire colour · Special lengths on request

Luminaires with on/off power supply unit or DALI controllable power supply unit

Colour rendering index (CRI) > 90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



Canopy and cable pendant  
in luminaire colour

Select the required interior  
colour by changing  
the code number.



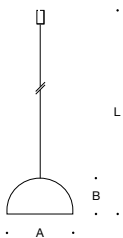
Interior colour in matt  
aluminium · Code number **.2**



Interior colour in matt brass  
Code number **.4**



Interior colour in matt copper  
Code number **.6**



Pendant luminaires · Interior colour <b>matt aluminium</b> · Code number <b>.2</b>									
Velvet black	Velvet white	LED	PSU	EEC	A	B	L	AC/DC	
<b>50 501.2</b>	<b>50 547.2</b>	16.0 W 710 lm	on/off	A++	350	175	2000	—	
<b>50 502.2</b>	<b>50 548.2</b>	31.0 W 1650 lm	DALI	A++	450	225	2000	✓	
<b>50 503.2</b>	<b>50 549.2</b>	48.0 W 2620 lm	DALI	A++	600	300	2000	✓	





## STUDIO LINE

### Shielded LED pendant luminaires

These LED pendant luminaires come in various sizes and belong to the STUDIO LINE series. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay.

We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The light from these pendant luminaires is shielded to the outside. It is directed downwards inside the metal reflector to provide a pleasantly soft lighting atmosphere with high visual comfort.

An overview of more luminaires from the STUDIO LINE series is provided on Page 4.

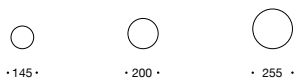
Metal housing with velvet black or velvet white enamel finish · Opal glass  
 Interior colour available with a choice of 3 finishes · Canopy and cable pendant in luminaire colour  
 Special lengths on request  
 Luminaires with on/off power supply unit or DALI controllable power supply unit  
 Colour rendering index (CRI) >90

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



Canopy and cable pendant  
in luminaire colour

Select the required interior  
colour by changing  
the code number.



Interior colour in matt  
aluminium · Code number **.2**



Interior colour in matt brass  
Code number **.4**



Interior colour in matt copper  
Code number **.6**



Pendant luminaires · Interior colour <b>matt aluminium</b> · Code number <b>.2</b>									
Velvet black	Velvet white	LED	PSU	EEC	A	B	L	AC/DC	
<b>56 614.2</b>	<b>50 354.2</b>	11.4 W	520 lm	on/off	A++	145	170 1500	✓	
<b>56 615.2</b>	<b>50 355.2</b>	15.5 W	910 lm	DALI	A++	200	225 2000	✓	
<b>56 616.2</b>	<b>50 356.2</b>	21.6 W	1250 lm	DALI	A++	255	290 3000	✓	



### LED pendant luminaires

Being able to fall back on our own LED and glass production when new ideas are being implemented has always been a major advantage for us. This allowed us to develop a special LED module just for this line and then to uniquely combine it with our own glass to produce a glass with two different light intensities. We call this glass DUOLOGIC.

The maximum luminous intensity of the LED is guided downward through the glass directly onto the surface to be illuminated, achieving the maximum possible brightness. The second brightness zone is directed upwards and emphasises the lower edge of the glass. A metal shield also ensures perfect lateral glare suppression. Luminaires for many lighting applications above tables, counters or reception desks.

Metal housing and canopy available with a choice of 4 finishes · DUOLOGIC opal glass

Black cable pendant · Special lengths on request

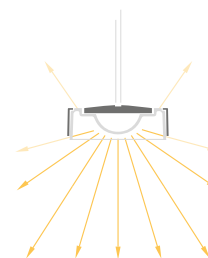
Luminaires with on/off power supply unit or DALI controllable power supply unit · Colour rendering index (CRI) > 90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



**DUOLOGIC**  
Part of the light exits from the top of the metal shield, illuminating the area above the luminaire and increasing visual comfort.



Canopy in luminaire colour

Black cable pendant  
Select the required finish by  
changing the code number.



White enamel finish  
Code number .1



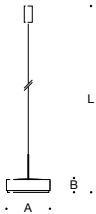
S/steel · Code number .2



Chrome · Code number .3



Velvet black enamel finish  
Code number .5



Pendant luminaires · White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	L	AC/DC
50 702.1	7.4 W	450 lm	on/off	A++	160	55	1500	✓
50 703.1	16.3 W	1245 lm	DALI	A++	210	55	2000	✓
50 704.1	20.8 W	1640 lm	DALI	A++	260	60	2000	✓



## LED pendant luminaires

Being able to fall back on our own LED and glass production when new ideas are being implemented has always been a major advantage for us. This allowed us to develop a special LED module just for this line and then to uniquely combine it with our own glass to produce a glass with two different light intensities. We call this glass DUOLOGIC.

The maximum luminous intensity of the LED is guided downward through the glass directly onto the surface to be illuminated, achieving the maximum possible brightness. The second brightness zone is directed upwards onto the outer surface of the glass. The outer glass surface has a pleasant luminance with high visual comfort.

Metal fitting and canopy available with a choice of 3 finishes · DUOLOGIC opal glass

Black cable pendant · Special lengths on request

Luminaires with on/off power supply unit or DALI controllable power supply unit

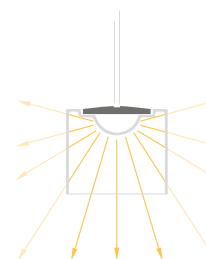
Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



**DUOLOGIC**  
Part of the light exits from the top of the metal shield, illuminating the area above the luminaire and increasing visual comfort.



Canopy in luminaire colour

Black cable pendant  
Select the required finish by  
changing the code number.



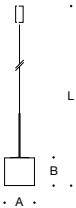
White enamel finish  
Code number .1



S/steel · Code number .2



Chrome · Code number .3



Pendant luminaires · White enamel finish · Code number .1								
	LED	PSU	EEC	A	B	L	AC/DC	
50 707.1	7.4 W	525 lm	on/off	A++	160	140	1500	✓
50 708.1	16.3 W	940 lm	DALI	A++	180	155	2000	✓



**DUOLOGIC**  
Part of the light exits from the top of the metal shield, illuminating the area above the luminaire and increasing visual comfort.

## LED pendant luminaires

Being able to fall back on our own LED and glass production when new ideas are being implemented has always been a major advantage for us. This allowed us to develop a special LED module just for this line and then to uniquely combine it with our own glass to produce a glass with two different light intensities.

We call this glass **DUOLOGIC**.

The maximum luminous intensity of the LED is guided downward through the glass directly onto the surface to be illuminated, achieving the maximum possible brightness. The second brightness zone is directed upwards onto the outer surface of the glass. The outer glass surface has a pleasant luminance with high visual comfort. Luminaires for many lighting applications above tables, counters or reception desks.

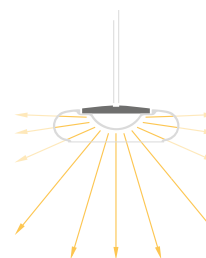
Metal fitting and canopy available with a choice of 3 finishes · **DUOLOGIC** opal glass  
Black cable pendant · Special lengths on request · DALI controllable  
Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.







Canopy in luminaire colour

Black cable pendant  
Select the required finish by  
changing the code number.



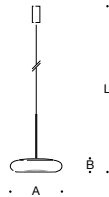
White enamel finish  
Code number .1



S/steel · Code number .2



Chrome · Code number .3



Pendant luminaires · White enamel finish · Code number .1

	LED		PSU	EEC	A	B	L
<b>50 705.1</b>	16.3 W	1275 lm	DALI	A++	250	70	2000
<b>50 706.1</b>	20.8 W	1725 lm	DALI	A++	330	80	2000



Select the required finish by  
changing the code number.



White enamel finish  
Code number .1



S/steel · Code number .2



Glossy black enamel finish  
Code number .5



LED pendant luminaires

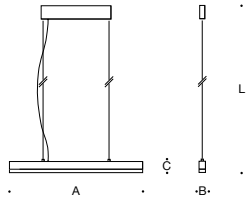
LED pendant luminaires with high-quality lighting technology and simple elegance. They are DALI controllable and come in a choice of two lengths and two LED colour temperatures. The material strength of the crystal glass with its polished faces and the perfect fit between the glass and the luminaire housing are particularly outstanding.

Metal housing and canopy available with a choice of 3 finishes  
2 steel wires · Transparent cable pendant · Special lengths on request  
DALI controllable · Colour rendering index (CRI) >90

These are luminaires which will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



Pendant luminaires · White enamel finish · Code number .1								
	LED		PSU	EEC	A	B	C	L
50 600.1	23.1 W	1630 lm	DALI	A++	1030	50	65	2000
50 699.1	32.2 W	2360 lm	DALI	A++	1430	50	65	2000



Custom-made product for permanent installation



Hand-blown opal glass  
Luminaire housing and shield made of stainless steel

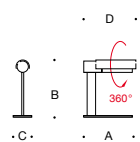
### **Table lamp** with infinitely adjustable light

The design and technology of these luminaires enable the light to be directed in various directions.

The light emission can be infinitely adjusted on the luminaire axis. Adjustable light for reading and for numerous areas in which the luminous energy needs to be adapted to the requirements of the particular situation. Luminaires in which functionality and aesthetics are united in a distinctive manner.

Metal housing and shield with stainless steel finish · Opal glass  
Black cable pendant · 2000 mm · Integral power switch

Other technical data can be found on our website in the product data sheet issued for the luminaire.



	Lamp		Base	EEC	A	B	C	D
<b>67 548.2</b>	1 TC-DEL	18 W	G 24q-2	A - B	285	330	120	320





Unshielded table lamps

Table lamps of classic cylinder shape with luminaire glass made of satin matt hand-blown opal glass. The glass is held by the perfectly crafted, exquisite outrigger arms of the metal housing made of polished aluminium. Luminaires of timeless beauty – high-quality lighting tools for stylish rooms. Luminaires with LED or for lamps with screw base E 27. You will find suitable BEGA LED lamps on Page 318.

Metal housing in polished aluminium finish · Satin matt opal glass  
Black connecting cable · 2000 mm  
67 542.3 · 67 543.3 Touch-controlled dimmer for infinitely adjustable brightness control  
67 544.3 · 67 545.3 Switch  
LED luminaires: dimmable · Colour rendering index (CRI) > 90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



	LED		PSU	EEC	A	B
67 542.3	10.2 W	780 lm	Dimmable	A+	180	220
67 543.3	16.2 W	1140 lm	Dimmable	A+	220	260
	Lamp		Base			
67 544.3	1 lamp	75 W	E 27	A++- E	180	220
67 545.3	1 lamp	100 W	E 27	A++- E	220	260







Unshielded table lamps

Table lamps of classic cylinder shape with luminaire glass made of satin matt hand-blown opal glass. The glass is held by perfectly crafted metal housings made of polished aluminium. Luminaires of timeless beauty – high-quality lighting tools for stylish rooms. Luminaires with LED or for lamps with screw base E 27. You will find suitable BEGA LED lamps on Page 318.

Metal housing in polished aluminium finish · Satin matt opal glass  
Black connecting cable · 2000 mm  
67 541.3 Touch-controlled dimmer for infinitely adjustable brightness control  
67 505.3 Switch  
LED luminaire: dimmable · Colour rendering index (CRI) >90

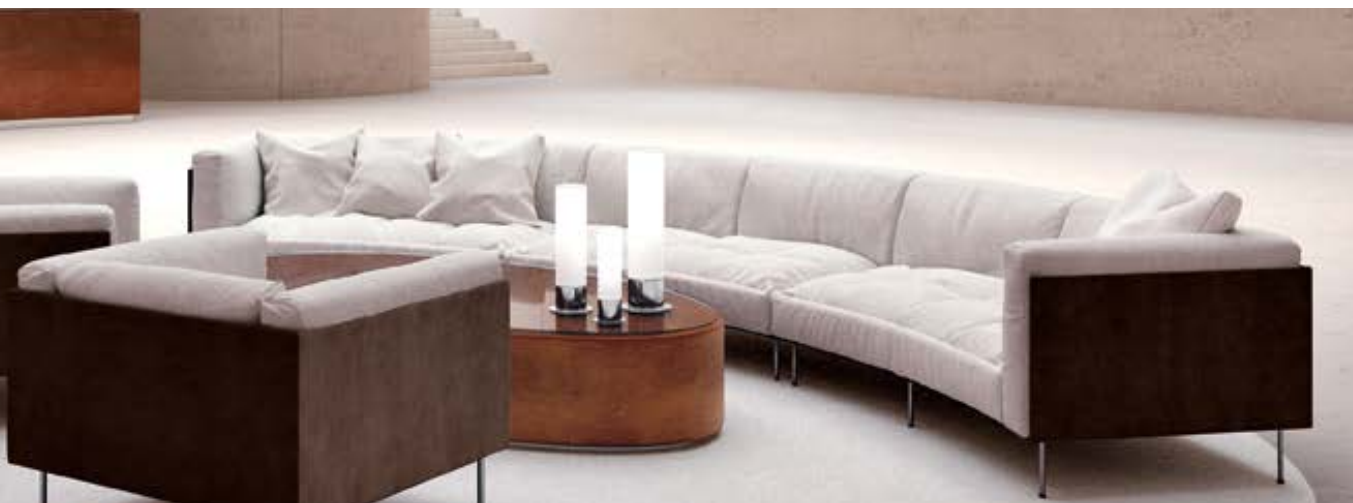
The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.  
LED colour temperature: 3000 K – article number + **K3** or 4000 K – article number + **K4**

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.  
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



	LED		PSU	EEC	A	B
<b>67 541.3</b>	16.2 W	1140 lm	Dimmable	A <sup>+</sup>	165	370
	Lamp		Base			
<b>67 505.3</b>	1 lamp	100 W	E 27	A <sup>++</sup> - E	165	370





#### Unshielded table lamps and floor lamps

Table lamps made of hand-blown opal glass with LED or for lamps with screw base E 14 and E 27. You will find suitable BEGA LED lamps on Page 318.

Switch in base of luminaire.

Floor lamp made of hand-blown opal glass for fluorescent lamps.

A high-quality chrome surface lends the luminaire its noble character.

Luminaire with integral dimmer for infinitely adjustable brightness.

Table lamps: Metal housing available with a choice of 2 finishes · Opal glass

Switch in the luminaire base

Floor lamp: Metal housing with chrome finish · Opal glass · Touch-controlled dimmer

Black connecting cable · 2000 mm

LED luminaires: Colour rendering index (CRI) >90

The LED luminaires on this page will impress you through the choice of colour temperature, a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

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

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux in relation to the respective colour temperature.



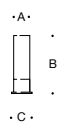
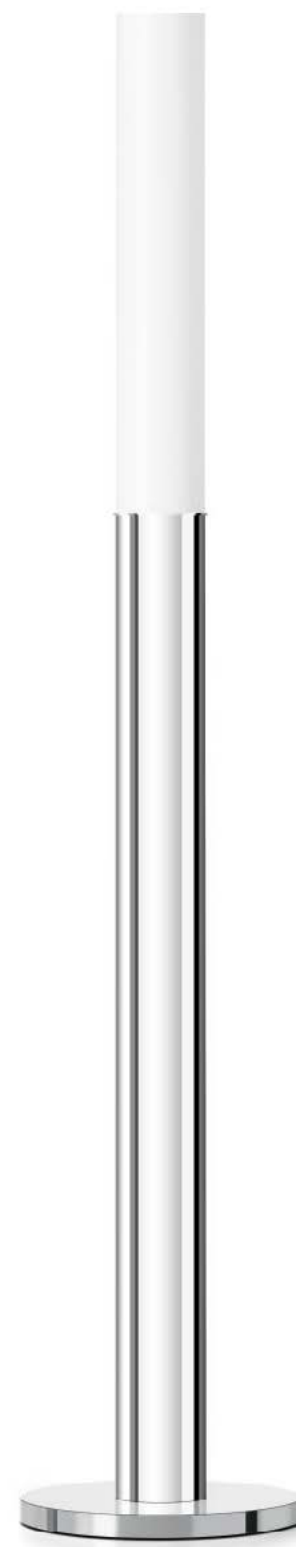


Table lamps · Polished aluminium						
	LED		EEC	A	B	C
<b>67 546.3</b>	7.1 W	510 lm	A++	94	380	135
<b>67 547.3</b>	9.8 W	860 lm	A++	110	480	160

Table lamps · Stainless steel							
	Lamp		Base	EEC	A	B	C
<b>67 477.2</b>	1 lamp	60 W	E 14	A++-E	70	280	100
<b>67 478.2</b>	1 lamp	75 W	E 27	A++-E	94	380	135
<b>67 479.2</b>	1 lamp	100 W	E 27	A++-E	110	480	160



Floor lamp · Chrome							
	Lamp		Base	EEC	A	B	C
<b>67 536.3</b>	1 TC-L	55 W	2 G 11	A - B	110	1800	340





### Unshielded table and floor lamps

Luminaires of classic cylinder shape. Unshielded table and floor lamps in various sizes for lamps with screw base E 27. You will find suitable BEGA LED lamps for luminaire 67 480.2 on Page 318. They are characterised by the formal unit of glass and metal and by the material quality of the luminaire housing with its exquisite finishes. High-quality three-ply opal glass produces a pleasant and uniform distribution of light in the room.

The luminaire fittings are made of stainless steel. The table lamp in this series is equipped with a cord-operated toggle switch – the floor lamp can be infinitely adjusted in brightness by means of a foot dimmer.

Stainless steel fitting · Opal glass · Black connecting cable · 2000 mm

67 480.2 Cord-operated toggle switch

67 481.2 Foot dimmer

Other technical data can be found on our website in the product data sheet issued for the luminaire.



Custom-made product  
for permanent installation

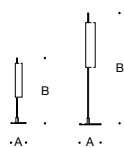


Table lamp					
	Lamp		Base	EEC	A B
67 480.2	1 lamp	75 W	E 27	A++-E	175 720

Floor lamp					
	Lamp		Base	EEC	A B
67 481.2	1 lamp	150 W	E 27	A++-E	290 1700







Unshielded table lamp and floor lamp

Table and floor lamps of classic cylinder shape for lamps with screw base E 27.  
With luminaire glass made of satin matt hand-blown three-ply opal glass. The glass is held by perfectly crafted, exquisite fittings made of stainless steel. Luminaires with dimmer for infinitely adjustable brightness.  
Luminaires of timeless beauty – high-quality illumination for stylish rooms.

Stainless steel fittings · Satin matt opal glass  
Black connecting cable · 2000 mm  
Dimmer

Other technical data can be found on our website in the product data sheet issued for the luminaire.

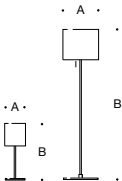
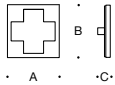


Table lamp					
	Lamp		Base	EEC	A B
67 538.2	1 lamp	75 W	E 27	A++- E	220 625

Floor lamp					
	Lamp		Base	EEC	A B
67 529.2	4 lamps	75 W	E 27	A++- E	350 1560

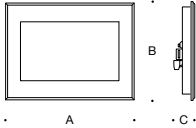




**DALI joystick** for installation in switching and cavity boxes

DALI joystick with four pushbuttons for user-assignable functions. Groups, lighting scenarios or staircase control can be assigned by software. Also for the manual control of LED and tunable white luminaires (DT6, DT8). The configuration software DALI Cockpit is available to download free of charge from our website.

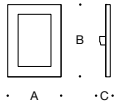
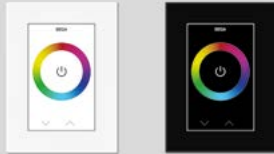
		A	B	C
<b>71 025</b>	DALI joystick for installation in switching and cavity boxes · Colour <b>white</b>	80	80	10
<b>71 056</b>	Joystick for installation in switching and cavity boxes · Colour <b>black</b>	80	80	10



**DALI display** for flush installation

7-inch DALI display for configuring and controlling two DALI lines and 99 sequences. A separate DALI power supply is required for each line. Suitable for daily and weekly time plans, DALI colour light control of LED, tunable white and RGBW luminaires (DT6, DT8, RGBWAF) and for controlling tunable white luminaires according to the time of day. With USB and Ethernet port. A DIN rail power supply unit is included in the scope of delivery.

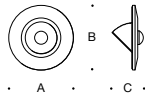
		A	B	C
<b>71 026</b>	7-inch display for flush installation	200	150	33



**DALI touch panels** for wall mounting

DALI touch panel is a multifunctional user terminal with a replaceable user interface for controlling luminaires with a DALI interface. For the manual control of LED, tunable white and RGBW luminaires (DT6, DT8, RGBWAF). The configuration software DALI Cockpit is available on our website.

		A	B	C
<b>71 027</b>	Touch panel for wall mounting · Colour <b>white</b>	83	112	17
<b>71 057</b>	Touch panel for wall mounting · Colour <b>black</b>	83	112	17



**DALI sensors** for flush installation

DALI sensors for detecting the movements of persons, brightness values and temperatures. For controlling LED luminaires (DT6). The configuration software DALI Cockpit is available to download free of charge from our website.

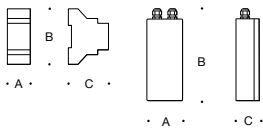
		A	B	C
<b>71 028</b>	PIR motion and light sensor for flush installation	100	100	40
<b>71 029</b>	Light sensor for flush installation	100	100	40



**DALI power supply** for DIN rail mounting

DALI power supply for supplying power to DALI operating devices in a DALI line.

		A	B	C
<b>70 866</b>	DALI power supply for DIN rail mounting	18	90	57



### DALI repeater

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. The DALI repeater 71 038 requires a 24 V power supply unit.

		A	B	C
<b>71 038</b>	DALI repeater for DIN rail mounting	38	90	67
<b>71 063</b>	DALI repeater in a housing · Protection class IP 65	105	240	68



### DALI control modules for installation in switching and cavity boxes

DALI pushbutton module for four potential-free pushbuttons with user-assignable function  
 DALI sequencer module for storing four independent sequences  
 DALI switch module for four 230 V switches/pushbuttons with user-assignable function  
 DALI daylight module for controlling tunable white luminaires according to the time of day  
 The configuration software DALI Cockpit is available to download free of charge from our website.

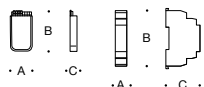
		A	B	C
<b>71 030</b>	DALI pushbutton module max. 4 pushbuttons/100 kΩ potentiometers	28	40	15
<b>71 060</b>	DALI sequencer module sequencer	28	40	15
<b>71 058</b>	DALI switch module max. 4 pushbuttons/switches	33	60	15
<b>71 059</b>	DALI daylight module daylight curve	33	60	15



### DALI timer for installation in switching and cavity boxes

The DALI timer can implement timer functions with up to 14 entries. For calling up lighting scenarios for LED, tunable white and RGBW luminaires (DT6, DT8, RGBWAF, xy). The configuration software DALI Cockpit is available to download free of charge from our website.

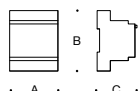
		A	B	C
<b>71 043</b>	DALI timer for installation in switching and cavity boxes	33	60	15



### DALI USB interface for installation in switching and cavity boxes or for DIN rail mounting

DALI USB interface for connection to a PC. The configuration software DALI Cockpit is available to download free of charge from our website.

		A	B	C
<b>71 024</b>	DALI USB interface for installation in switching and cavity boxes	33	60	15
<b>71 054</b>	DALI USB interface for DIN rail mounting	18	90	57

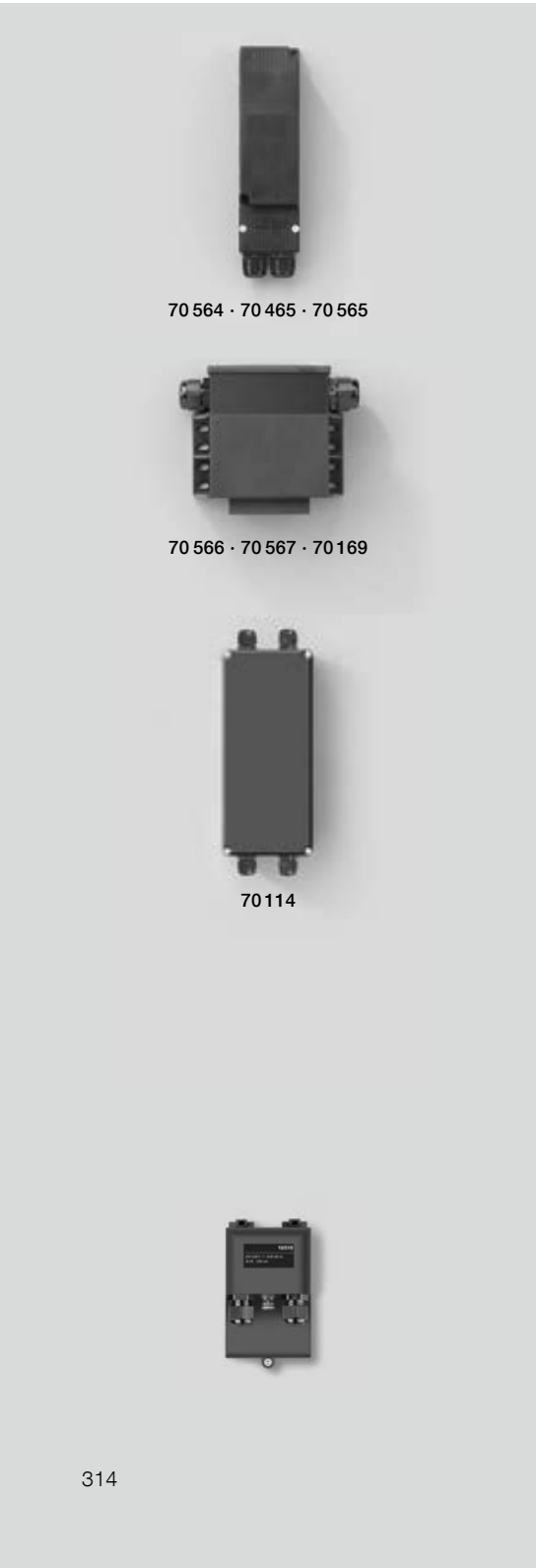


### KNX DALI gateway · IPAS for DIN rail mounting

KNX DALI gateway · IPAS for integrating 64 luminaires with a DALI operating device in a KNX system. Configuration of 16 DALI groups, of 16 DALI lighting scenarios, and of 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 settings 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 62386-202.

		A	B	C
<b>71 065</b>	KNX DALI gateway for DIN rail mounting	70	86	58





70 564 · 70 465 · 70 565

70 566 · 70 567 · 70 169

70 114

13 191 · 13 192 · 13 193

Power supply units for LED luminaires

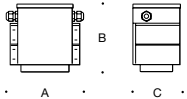
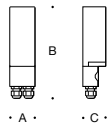
Power supply units for LED luminaires 24 V DC

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

Colour graphite



		Output	A	B	C
70 564	Power supply unit for LED luminaires 24 V DC	0 - 15 W	55	215	50
70 465	Power supply unit for LED luminaires 24 V DC	0 - 25 W	55	215	50
70 565	Power supply unit for LED luminaires 24 V DC	0 - 35 W	55	215	50

		Output	A	B	C
70 566	Power supply unit for LED luminaires 24 V DC	0 - 50 W	155	125	90
70 567	Power supply unit for LED luminaires 24 V DC	0 - 75 W	155	125	90
70 169	Power supply unit for LED luminaires 24 V DC	0 - 150 W	180	175	110

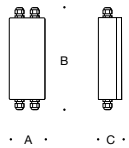
Power supply units for LED luminaires 24 V DC

Alternating current range AC: 198 - 254 V · 50-60 Hz

Direct current range DC: 200 - 240 V

Protection class IP 65 · Cast aluminium, aluminium and stainless steel

Colour graphite



		Output	A	B	C
70 114	Power supply unit for LED luminaires 24 V DC	0 - 25 W	105	240	70

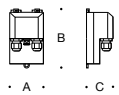
Power supply units for LED luminaires on/off or DALI

Power supply units for LED compact downlights on Page 29. Together with the corresponding luminaire, the power supply units are also suitable for use in an appropriate installation housing.

Plug connector for connecting the luminaire

Protection class IP 65 · Synthetic material and stainless steel

Colour graphite



		Current	Output	A	B	C
13 191	Power supply unit · on/off	350 mA	7-15 W	76	134	73
13 192	Power supply unit · on/off	500 mA	10-22 W	76	134	73
13 193	Power supply unit · on/off	700 mA	14-33 W	76	134	73
10 520	Power supply unit · DALI	350 mA	3.5-21 W	76	134	73
10 528	Power supply unit · DALI	500 mA	5-30 W	76	134	73
10 530	Power supply unit · DALI	700 mA	15-37 W	76	134	73



#### Power supply units for LED luminaires on/off or DALI

Together with the corresponding luminaire, the power supply units are also suitable for use in an appropriate installation housing.

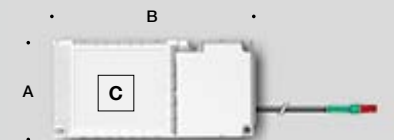
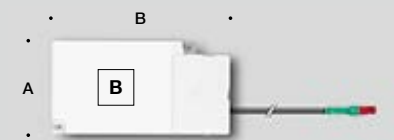
Input voltage: 220 - 240 V · 0/50 - 60 Hz  
Protection class IP20

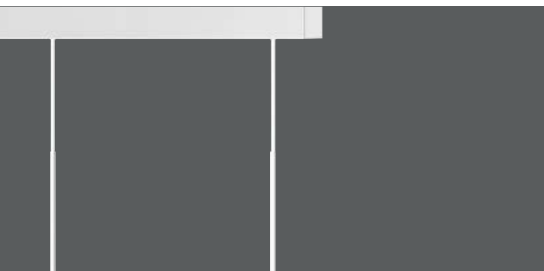
A			Current	Output	A	B	H
	13 143	Power supply unit · on/off	250 mA	Max. 13.0 W	53	119	22
	13 144	Power supply unit · on/off	350 mA	Max. 19.0 W	53	119	22
	13 196	Power supply unit · on/off	400 mA	Max. 20.0 W	53	119	22
	13 206	Power supply unit · on/off	700 mA	Max. 20.0 W	53	119	22
	13 199	Power supply unit · DALI	180 mA	Max. 9.5 W	53	119	22
	13 168	Power supply unit · DALI	250 mA	Max. 10.0 W	53	119	22
	13 169	Power supply unit · DALI	350 mA	Max. 15.0 W	53	119	22
	13 197	Power supply unit · DALI	400 mA	Max. 19.0 W	53	119	22
	13 172	Power supply unit · DALI	500 mA	Max. 20.0 W	53	119	22

B			Current	Output	A	B	H
	13 170	Power supply unit · DALI	350 mA	Max. 19.0 W	70	140	30
	13 171	Power supply unit · DALI	500 mA	Max. 27.0 W	70	140	30

C			Current	Output	A	B	H
	13 176	Power supply unit · on/off	500 mA	Max. 22.0 W	67	130	28
	13 201	Power supply unit · on/off	700 mA	Max. 25.0 W	67	130	28
	13 202	Power supply unit · on/off	700 mA	Max. 33.0 W	67	130	28
	13 179	Power supply unit · on/off	900 mA	Max. 47.5 W	80	125	22
	13 194	Power supply unit · on/off	1050 mA	Max. 50.0 W	80	125	22
	13 203	Power supply unit · DALI	500 mA	Max. 24.0 W	67	130	28
	13 207	Power supply unit · DALI	700 mA	Max. 25.0 W	67	130	28
	13 204	Power supply unit · DALI	700 mA	Max. 25.0 W	67	130	28
	13 174	Power supply unit · DALI	700 mA	Max. 33.0 W	67	130	28
	13 175	Power supply unit · DALI	900 mA	Max. 50.0 W	80	125	22
	13 195	Power supply unit · DALI	1050 mA	Max. 50.0 W	80	125	22

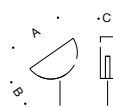
D			Current	Output	A	B	H
	13 198	Power supply unit · on/off	180 mA	Max. 7.4 W	34	115	19
	13 145	Power supply unit · on/off	500 mA	Max. 25.0 W	42	130	30
	13 178	Power supply unit · on/off	700 mA	Max. 32.0 W	42	130	30
	13 177	Power supply unit · on/off	1050 mA	Max. 22.0 W	38	130	28
	13 173	Power supply unit · DALI	1050 mA	Max. 38.0 W	44	148	30

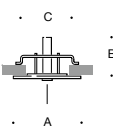


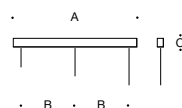


Accessories for pendant luminaires

Different architectural situations require different installation solutions. For cases where the standard canopy for the pendant luminaire cannot be used, or several luminaires need to be installed on one power supply, we have developed some practical accessories. We also supply matching devices for the installation of luminaires in rows or groups as custom-made products. We would be pleased to assist you in your detailed planning.

Canopy					
For the installation of pendant luminaires in ceilings or other constructions with an inclination of 0° to 60° Metal housings with various enamel finishes					
					
White	Graphite	White aluminium	A	B	C
13 092	13 093	13 094	120	60	40

Recessed suspension device					
For installing pendant luminaires in suspended ceilings Max. material thickness of ceiling 20 mm Max. weight of luminaires 10 kg Metal housing · Ceiling trim ring with different finishes					
					
White	Graphite	S/steel	Chrome	Brass	A B C
13 096	13 097	13 098	13 099	13 100	100 80 60

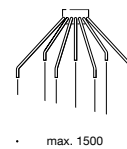
Cross beams					
For the installation of 3 or 5 pendant luminaires Aluminium with white enamel finish					
					
			A	B	C
13 101	For 3 luminaires		700	300	40
13 102	For 3 luminaires		1000	400	40
13 103	For 5 luminaires		1300	300	40
13 104	For 5 luminaires		1800	400	40

Pendant shorteners					
If pendant luminaires are required temporarily in reduced overall lengths, the length of the pendant can be adjusted by means of a pendant shortener. Max. weight of the luminaire 5 kg Synthetic material					
White	Graphite				Ø
13 105	13 106				45



**Ceiling distributors**

For large groups of luminaires  
 Ceiling distributors for large pendant  
 luminaire groups produced specially  
 to meet your needs  
 Metal housing with enamel finish  
 RAL colour as required



	A
<b>13 107</b> Custom-made product	max. 1,500

**Ceiling distributors**

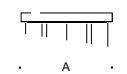
For 2 - 6 pendant luminaires  
 Max. luminaire diameter 130 mm  
 Metal canopy with enamel finish



White	A	B
<b>13 108</b>	190	85

**Ceiling distributors**

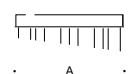
Optionally for:  
 3 pendant luminaires Max. Ø 400 mm  
 4 pendant luminaires Max. Ø 350 mm  
 6 pendant luminaires Max. Ø 300 mm  
 8 pendant luminaires Max. Ø 250 mm  
 Synthetic material, painted



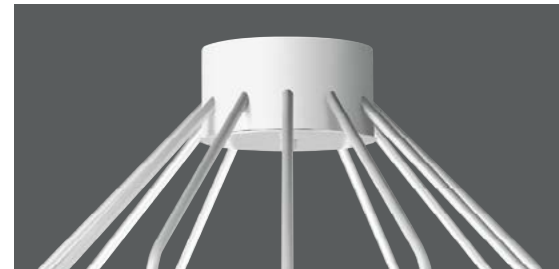
White	White aluminium	Brass colour	A	B
<b>13 109</b>	<b>13 110</b>	<b>13 111</b>	420	40

**Ceiling distributors · Round or square**

For arranging pendant groups as required.  
 Metal cover



White	S/steel	Chrome	Brass		A	B
<b>13 112</b>	<b>13 113</b>	<b>13 114</b>	<b>13 115</b>	Round	450	60
<b>13 116</b>	<b>13 117</b>	<b>13 118</b>	<b>13 119</b>	Round	600	60
<b>13 120</b>	<b>13 121</b>	<b>13 122</b>	<b>13 123</b>	Square	450×450	60
<b>13 124</b>	<b>13 125</b>	<b>13 126</b>	<b>13 127</b>	Square	600×600	60







## LED Lamps

Some of our luminaires are equipped with a conventional lamp base in E14 or E27 format. For these luminaires, we offer a selection of long-lasting, energy-saving LED lamps in switchable or dimmable versions.

LED lamps consume significantly less energy than conventional lamps, have a considerably longer life, and require much lower operating costs.

In addition, there is no switch-on delay and withstand frequent switching on and off.

BEGA LED lamps provide an impressive minimum service life of 15 000 hours and are available with a light colour of 2700 Kelvin.

Furthermore, our LED lamps are also available in a radio-controlled version.

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 might 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 E 14 base											
	LED			Dimmable	Colour temperature	CRI	Service life	on/off	Ambient temperature	EEC	A B
13 549	4.0 W	470 lm	Clear	No	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	35 98
13 553	5.0 W	470 lm	Clear	Yes	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A+	35 120
13 552	4.0 W	470 lm	Matt	No	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	35 98
13 554	5.0 W	470 lm	Matt	Yes	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A+	35 120

LED lamps for E 14 base · Zigbee											
	LED			Controllable	Colour temperature	CRI	Service life	on/off	Ambient temperature	EEC	A B
13 558	5.3 W	470 lm	Matt	Yes	2700 K	>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 - 6500 K	>80	25 000 h	>30 000 x	+40 to -20°C	A+	38 110



LED lamps for E 27 base											
	LED			Dimmable	Colour temperature	CRI	Service life	on/off	Ambient temperature	EEC	A B
13 509	7.0 W	805 lm	Clear	No	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	60 105
13 511	8.0 W	1055 lm	Clear	No	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	67 112
13 562	12.0 W	1520 lm	Clear	No	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	67 118
13 547	7.0 W	805 lm	Clear	Yes	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	60 105
13 563	12.0 W	1520 lm	Clear	Yes	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	67 118
13 510	7.0 W	805 lm	Matt	No	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	60 105
13 512	8.0 W	1055 lm	Matt	No	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	67 112
13 564	12.0 W	1400 lm	Matt	No	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A+	67 118
13 548	7.0 W	805 lm	Matt	Yes	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A++	60 105
13 565	12.0 W	1400 lm	Matt	Yes	2700 K	>80	15 000 h	>100 000 x	+40 to -20°C	A+	67 118

LED lamps for E 27 base · Zigbee											
	LED			Controllable	Colour temperature	CRI	Service life	on/off	Ambient temperature	EEC	A B
13 555	9.0 W	805 lm	Matt	Yes	2700 K	>80	25 000 h	>30 000 x	+40 to -20°C	A+	60 120
13 556	9.0 W	805 lm	Matt	Yes · Tunable white	2700 - 6500 K	>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 - 6500 K	>80	25 000 h	>30 000 x	+40 to -20°C	A+	60 120



## Technical parameters of LED luminaires

The International Electrotechnical Commission (IEC) has drawn up standards for the method of operation of LED luminaires and LED modules. These standards define quality criteria and lay down generally valid measurement conditions that can be used as the basis for comparative assessments.

In this regard, the Lighting Division of the German Electrical and Electronic Manufacturers' Association (ZVEI) published its "Guide to Reliable Planning with LED Lighting."

The terms and explanations used in this catalogue and in our data sheets and instructions for use are based on this ZVEI publication.

The most important parameters are described below. Sometimes, we use other terms where they improve understanding. The corresponding terms used in the "Guide to Reliable Planning with LED Lighting" are then placed in brackets.



**ZVEI Guide**  
"Guide to Reliable  
Planning with LED  
Lighting"

### **Module luminous flux** (nominal value)

The luminous flux ( $\Phi$ ) of an LED module measured in lumen (lm).

This value defines the luminous flux which is created by an LED module at an ambient temperature of 25°C.

### **Luminaire luminous flux** (ZVEI rated luminous flux)

The luminous flux ( $\Phi$ ) of a luminaire measured in lumen (lm).

This value defines the total luminous flux which is emitted by the luminaire.

### **Module connected wattage** (nominal value)

The connected wattage (P) of an LED module measured in watts (W).

This value defines the power which is consumed by an LED module.

### **Luminaire connected wattage** (ZVEI rated input power)

The connected wattage (P) of a luminaire measured in watts (W).

This value defines the total power which the luminaire consumes after thermal stabilisation.

This value covers all the installed components, e. g. LED module and operating device.

### **Luminaire luminous efficiency**

The luminaire luminous efficiency is the quotient of the emitted luminous flux and the electric power consumed by the luminaire.

The value is expressed in lumen per watt (lm/W).

**Colour temperature**

The term "colour temperature" is used for the light colour of white light. It is expressed in Kelvin (K).

The term warm white is used up to 3300K, neutral white from 3300K to 5300K, and daylight white over 5300K.

**Colour rendering index**

The colour rendering index (CRI) stands for the degree of conformity between the perceived colour of an object and its appearance under a specific light source.

**Ambient temperature** (ZVEI rated ambient temperature)

The ambient temperature ( $t_a$ ) defines the maximum temperature, measured in degrees Celsius (°C) at which a luminaire is allowed to be operated.

**Service life criteria**

Most LED do not fail by a certain time but their luminous flux decreases over time (degradation). The service life of LED, LED modules and luminaires is thus limited by the total failure of their related electronic components (e.g. power supply units) or by the luminous flux dropping below a previously fixed minimum value.

**Voltage**

The maximum electric rated voltage, measured in volts (V), at which a luminaire is allowed to be operated.

**Module designation**

Unlike conventional lamps, for which there are clearly defined connection standards, LED are a fixed part of luminaires.

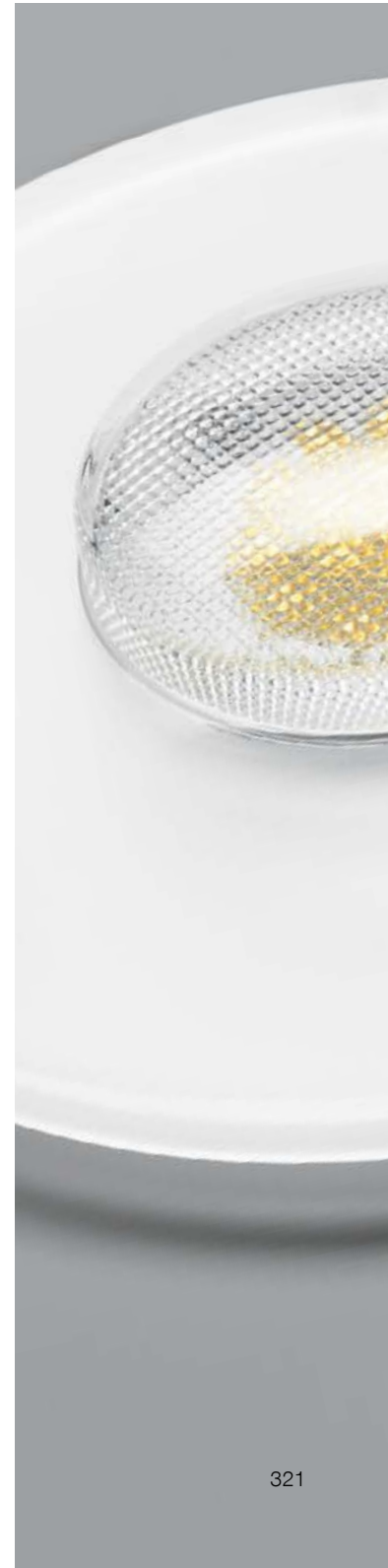
It is difficult therefore for non-specialists to obtain matching LED replacement modules.

As a responsible manufacturer, 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 the availability of replacement modules even 20 years after you purchase an LED luminaire from us.





## **Our LED technology**

### **The quality of our LED technology**

From our decades of experience, we know the high demands on quality which our luminaires are expected to meet. This knowledge results in the continuous improvement of our products. This commitment to a high level of quality applies similarly to our LED technology. In the processing and selection of our LED components, we rigorously follow our own ideas and do not let ourselves be misled by other criteria commonly found on the market. To meet these goals, we have created all the necessary conditions, including the best production processes.

All BEGA luminaires are fitted with modules adapted exactly to them, produced on our own premises. We have control over all the materials used and therefore are not forced to enter any compromises. We alone are responsible for defining factors such as a luminaire's light output, light colour and thermo-management, thus making a direct impact on the quality of our luminaires. Our LED modules are expected to reach the maximum possible service life. With this in mind, we are committed to using high-grade components, made exclusively of ageing-resistant materials.

For example, we do not use any plastic lenses in our optical systems as their ageing resistance is doubtful. Instead we prefer durable materials such as glass, silicone and aluminium.

### **Service life of the modules**

The ageing of electronic components, and particularly LED, 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 for each luminaire with information on the LED service life in relation to the relevant colour temperature and ambient temperature.

### **Replacement**

Unlike conventional lamps, for which there are clearly defined connection standards, LED are a fixed part of luminaires. It is difficult therefore for non-specialists to obtain matching LED replacement modules.

As a responsible manufacturer, 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.

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.

### **LED power information in this catalogue**

The power information is system information, that is, luminaire luminous flux figures and the connected wattage of the luminaires. These figures may change on account of technical progress. On our website you will find data sheets with information on each luminaire concerning the current values.

The data listed there is based on the "Guide to Reliable Planning with LED Lighting" issued by ZVEI.

Please refer also to our explanations on Pages 320 and 321.



Light colour of our LED modules

The colour temperatures for LED luminaires are expressed in Kelvin (K). LED luminaires in the BEGA indoor luminaires catalogue are supplied in the colour temperatures 3000 K or 4000 K, some luminaires are also available in the colour temperature 2700 K. Our strict quality requirements ensure that our LED modules show a maximum deviation of three MacAdam ellipses from the quoted colour coordinates.



Light colour 2,700 K



Light colour 3,000 K



Light colour 4,000 K

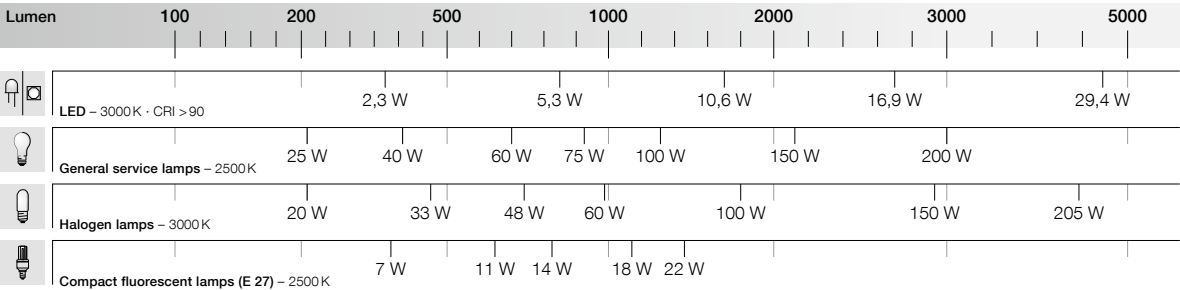
BEGA AC module

We have developed a space-saving power supply module specifically for BEGA luminaires whose structural installation space does not allow the installation of an LED module and separate power supply unit. The BEGA AC module is connected directly to the 230 V mains voltage and has a colour temperature of 3000 K and a colour rendering index (CRI) > 80. The information provided on Page 322 applies with respect to the service life criteria and replacement. BEGA AC modules can be dimmed with most modern phase dimmers from brand manufacturers.



Light output

The following diagram enables the luminous efficiency of LED to be compared with that of conventional lamps (last revised: January 2018).





**Protection classes · Safety classes**

These classes provide information on a luminaire's stability in withstanding the penetration of dust, solid bodies and water in accordance with EN 60598/VDE 0711. The respective degree of protection IP (International Protection) is printed on the luminaire as a number system according to IEC 529. You can find the classification of the degrees of protection in accordance with EN 60598 in the table on this page.

**Protection classes 1. code number:  
Protection against solid objects**

<b>IP 1x</b>	Protection against ingress of solid objects $\geq 50$ mm
<b>IP 2x</b>	Protection against ingress of solid objects $\geq 12$ mm
<b>IP 3x</b>	Protection against ingress of solid objects $\geq 2.5$ mm
<b>IP 4x</b>	Protection against ingress of solid objects $\geq 1$ mm
<b>IP 5x</b>	Dust protected
<b>IP 6x</b>	Dust-tight

**Protection classes 2. code number:  
Protection against water**

<b>IP x1</b>	Protected against vertically dripping water
<b>IP x2</b>	Protected against drops of water falling at angles up to 15°
<b>IP x3</b>	Protected against spray water falling at angles up to 60°
<b>IP x4</b>	Protection against splashing water
<b>IP x5</b>	Protected against water jets
<b>IP x6</b>	Protected against strong water jets
<b>IP x7</b>	Protected against occasional immersion
<b>IP x8...m</b>	Protected against complete, 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 an overload/residual current protective devices.



Safety class II designates luminaires that have not only functional insulation but also additional protective insulation. Under fault conditions, no dangerous voltage can reach metal parts which can be touched. Many safety class I luminaires are also available in safety class II. Please contact us.



Safety class III designates luminaires operating on extra-low safety voltage. They can be connected only to safety transformers in accordance with EN 61558/VDE 0570, EN 61347/VDE 712 or VDE 0100 Part 410. The transformer must be approved for this type of installation.

**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.


**AC/DC mark**

Luminaires marked AC/DC in the tables can be operated with alternating or direct current in stand-by lighting systems. The suitability of these luminaires for integration in emergency lighting luminaires must be examined by BEGA.





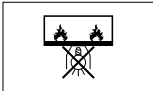
Electrical safety

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.



Surface-mounted luminaires with this symbol are not suitable for direct installation on normally flammable building materials.



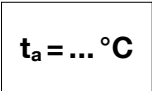
Luminaires bearing this symbol are suitable for business premises where dust or fibrous material present a fire hazard due to their limited surface temperatures (VDE 0711 Part 2 - 24).



Recessed luminaires with this symbol are not suitable for direct installation in normally flammable building materials.



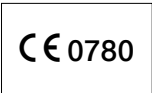
Luminaires and power supply units bearing this symbol must not be in direct contact with thermal insulating materials.



The symbol  $t_a = \dots \text{ }^{\circ}\text{C}$  in accordance with DIN 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  $t_a = 25^{\circ}\text{C}$ , i.e. for indoor use.



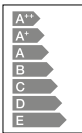
The CE symbol is affixed at the manufacturer's responsibility and is not a safety symbol. The manufacturer uses it to document conformity with European Union directives.



The number alongside the CE symbol indicates that an inspection and certification body checks compliance with the guidelines.

Lighting planning · Technical information

Good planning work is required to perform lighting applications. Each lighting application has its own specific demands. These depend on many factors such as reflection characteristics of the environment, the required degree of illuminance, colour rendering etc. We would be pleased to assist in planning lighting systems according to your specifications. The figures quoted in this catalogue for output and luminous flux are system information – explanations can be found on Pages 320 and 321. The values might change as the result of technical progress while the catalogue is still in circulation. Current data can be found on the Internet in the data sheets issued for the luminaires at [www.bega.com](http://www.bega.com).



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.

# BEGA Catalogue 62 · 2018–2019 · Indoor luminaires

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50 634	47	50 669.4	131	50 699.5	299	56 297	277	56 582.2	253	56 601.3	261	67 719	177	89 515.1	101
50 635	47	50 670.1	131	50 700.1	279	56 341.1	275	56 582.3	253	56 601.3 P	261	67 936	133	89 515.2	101
50 636	47	50 670.3	131	50 700.2	279	56 341.3	275	56 588.1	259	56 601.4	261	67 937	133	89 576.1	101
50 638.1	265	50 670.4	131	50 700.3	279	56 342.1	275	56 588.1 P	259	56 601.4 P	261	67 984	133	89 576.2	101
50 638.2	265	50 671.1	131	50 701.1	279	56 342.3	275	56 588.2	259	56 606.1	275	67 985	133	89 651	199
50 638.5	265	50 671.3	131	50 701.2	279	56 344.1	275	56 588.2 P	259	56 606.3	275			89 652	199
50 639.1	265	50 671.4	131	50 701.3	279	56 344.3	275	56 588.3	259	56 607.1	275			89 660	185
50 639.2	265	50 672.1	267	50 702.1	293	56 472	273	56 588.3 P	259	56 607.3	275	70 000			
50 639.5	265	50 673.1	267	50 702.2	293	56 473	273	56 588.4	259	56 608.1	275	70 114	314	89 661	185
50 640.1	265	50 674.2	75	50 702.3	293	56 474	273	56 588.4 P	259	56 608.3	275	70 169	314	89 662	185
50 640.2	265	50 674.4	75	50 702.5	293	56 475	273	56 589.1	259	56 609.1	275	70 465	314	89 663	187
50 640.5	265	50 674.6	75	50 703.1	293	56 489	273	56 589.1 P	259	56 609.3	275	70 564	314	89 664	187
50 643.1	81	50 675.2	75	50 703.2	293	56 490	273	56 589.2	259	56 614.2	291	70 565	314	89 665	187
50 646.1	117	50 675.4	75	50 703.3	293	56 535.1	257	56 589.2 P	259	56 614.4	291	70 566	314	89 678.2	189
50 646.2	117	50 675.6	75	50 703.5	293	56 535.2	257	56 589.3	259	56 614.6	291	70 567	314	89 679.2	189
50 646.3	117	50 676.2	75	50 704.1	293	56 535.3	257	56 589.3 P	259	56 615.2	291	70 866	312	89 680.2	189
50 647.1	117	50 676.4	75	50 704.2	293	56 536.1	257	56 589.4	259	56 615.4	291	71 024	313	89 758.1	127
50 647.2	117	50 676.6	75	50 704.3	293	56 536.2	257	56 589.4 P	259	56 615.6	291	71 025	312	89 758.2	127
50 647.3	117	50 677.2	75	50 704.5	293	56 536.3	257	56 590.1	259	56 616.2	291	71 026	312	89 759.1	127
50 648.1	117	50 677.4	75	50 705.1	297	56 537.1	257	56 590.1 P	259	56 616.4	291	71 027	312	89 759.2	127
50 648.2	117	50 677.6	75	50 705.2	297	56 537.2	257	56 590.2	259	56 616.6	291	71 028	312	89 760.1	127
50 648.3	117	50 678.2	75	50 705.3	297	56 537.3	257	56 590.2 P	259	56 621.1	257	71 029	312	89 760.2	127
50 649.1	117	50 678.4	75	50 706.1	297	56 538.1	279	56 590.3	259	56 621.2	257	71 030	313	89 764	125
50 649.2	117	50 678.6	75	50 706.2	297	56 538.2	279	56 590.4	259	56 621.3	257	71 038	313	89 765	125
50 649.3	117	50 679.2	75	50 706.3	297	56 538.3	279	56 590.4 P	259	56 622.1	257	71 043	313	89 766	125
50 650	123	50 679.4	75	50 707.1	295	56 545	263	56 591.1	259	56 622.2	257	71 054	313	89 767	125
50 651	125	50 679.6	75	50 707.2	295	56 554	263	56 591.2	259	56 622.3	257	71 056	312	89 767 P	125
50 651 P	125	50 680	53	50 707.3	295	56 554 P	263	56 591.1 P	259	56 623.1	257	71 057	312	89 875.1	225
50 652	125	50 681.2	63	50 708.1	295	56 565.1	251	56 591.2 P	259	56 623.2	257	71 058	313	89 875.2	225
50 652 P	125	50 681.4	63	50 708.2	295	56 565.2	251	56 591.3	259	56 623.3	257	71 059	313	89 878.1	227
50 653.1	127	50 681.6	63	50 708.3	295	56 565.3	251	56 591.3 P	259	56 623.4	229	71 060	313	89 878.2	227
50 653.1 P	127	50 682.2	63	50 710.1	57	56 566.1	251	56 591.4 P	259	56 625.2	229	71 063	313	89 878.3	227
50 653.2	127	50 682.4	63	50 710.2	57	56 566.2	251	56 598.1	261			71 065	313	89 881.1	227
50 653.2 P	127	50 682.6	63	50 710.3	57	56 566.3	251	56 598.1 P	261	60 000		78 047.1	167	89 881.2	227
50 654.1	127	50 683.2	63	50 710.4	57	56 567.1	253	56 598.2	261	67 477.2	307	78 047.2	167	89 881.3	227
50 654.1 P	127	50 683.4	63	50 711.1	57	56 567.2	253	56 598.2 P	261	67 478.2	307	78 052.1	167	89 931.1	101
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50 654.2 P	127	50 684.2	63	50 711.3	57	56 568.1	253	56 598.3 P	261	67 480.2	309				
50 655	123	50 684.4	63	50 711.4	57	56 568.2	253	56 598.4	261	67 481.2	309	78 147.1	221		
50 656	123	50 684.6	63	50 713.1	61	56 568.3	253	56 599.1	261	67 505.3	305	78 147.3	221		
50 657	123	50 685.2	63	50 713.2	61	56 569.1	235	56 599.1 P	261	67 529.2	311	78 148.1	221		
50 658	133	50 685.4	63	50 713.3	61	56 569.2	235	56 599.2	261	67 536.3	307	78 148.3	221		
50 659	133	50 685.6	63	50 713.4	61	56 569.3	235	56 599.2 P	261	67 538.2	311	78 469.1	221		
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50 661	133	50 686.4	63	50 714.2	61	56 570.2	235	56 599.4 P	261	67 542.3	303	78 634	111		
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50 663.2	147	50 689	25	50 716.1	59	56 575.2	251	56 599.3 P	261	67 545.3	303	80 000			
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50 664.2	147	50 690.3	23	50 716.3	59	56 576.1	253	56 599.4 P	261	67 547.3	307	89 010	123		
50 664.3	147	50 692.1	23	50 716.4	59	56 576.2	253	56 600.1	261	67 548.2	301	89 011	123		
50 665.2	147	50 692.3	23	50 717.1	59	56 576.3	253	56 600.2 P	261	67 635	125	89 012	123		
50 665.3	147	50 693.1	27	50 717.2	59	56 577	263	56 600.3	261	67 636 P	125	89 016	143		
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50 666.3	149	50 695.1	27	50 717.4	59	56 579	263	56 600.4	261	67 636 P	125	89 018	143		
50 667.2	149	50 695.2	27	56 251	277	56 579 P	263			67 682.1	221	89 019	143		
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