

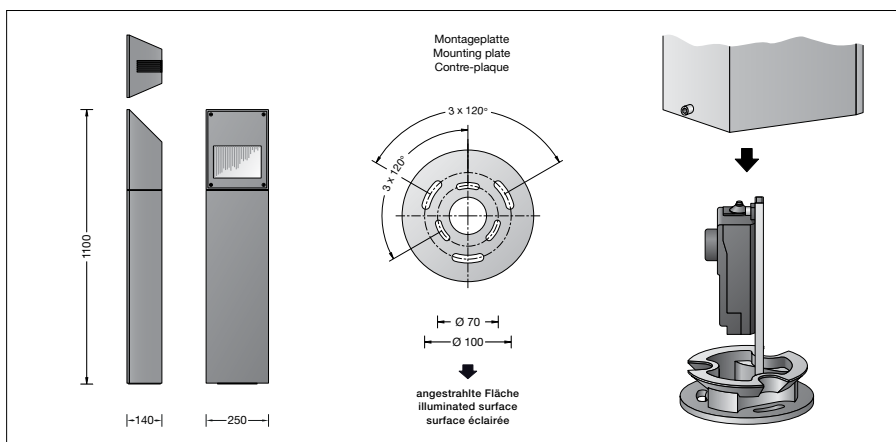
**BEGA****99 560**

Bollard



Project · Reference number

Date



## Product data sheet

### Application

Glarefree light for the illumination of floorspaces from low mounting height. The flat beam wide light distribution is particularly suitable for the illumination of forecourts, gateways and ways in private and public facilities.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
Safety glass with optical structure  
Silicone gasket  
Reflector made of pure anodised aluminium  
Luminaire with mounting plate for bolting onto a foundation or an anchorage unit  
Mounting plate with two pitch circles:  
 $\varnothing$  70 mm, 3 elongated holes 7 mm wide  
 $\varnothing$  100 mm, 3 elongated holes 9 mm wide  
 Luminaire can be aligned on the mounting plate around 360°  
 Access door and connection box 70 632 for through-wiring – for 2 cables up to 5 × 4 mm<sup>2</sup> with fuse Neozed D 01 · 6 A  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-280 V  
 DC Start  $\geq$  190 V  
 Safety class I  
 Protection class IP 65  
 Dust-tight and protection against water jets  
 Impact strength IK03  
 Protection against mechanical impacts < 0.35 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 9.3 kg

### Lamp

Module connected wattage 17.9 W  
 Luminaire connected wattage 21.5 W  
 Rated temperature  $t_a = 25^\circ\text{C}$   
 Ambient temperature  $t_{a\text{max}} = 50^\circ\text{C}$

On request we can offer you modifications for environments with higher temperatures as a customized product.

### 99 560 K3

Module designation LED-0503/830  
 Colour temperature 3000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 3205 lm  
 Luminaire luminous flux 1907 lm  
 Luminaire luminous efficiency 88,7 lm/W

### 99 560 K4

Module designation LED-0503/840  
 Colour temperature 4000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 3280 lm  
 Luminaire luminous flux 1951 lm  
 Luminaire luminous efficiency 90,7 lm/W

### Lifetime of the LED

Ambient temperature  $t_a = 15^\circ\text{C}$   
 – at 50,000 h: L90 B10  
 – at > 500,000 h: L70 B50

Ambient temperature  $t_a = 25^\circ\text{C}$

– at 50,000 h: L90 B10  
 – at 414,000 h: L70 B50

max. ambient temperature  $t_a = 50^\circ\text{C}$

– at 50,000 h: L80 B50  
 – at 93,000 h: L70 B50

### Inrush current

Inrush current: 7 A / 26  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B10A: 27 luminaires  
 B16A: 45 luminaires  
 C10A: 46 luminaires  
 C16A: 75 luminaires

### Light technique

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page [www.bega.com](http://www.bega.com).

### Article No. 99 560

LED colour temperature optionally 3000 K or 4000 K  
 3000 K – Article number + **K3**  
 4000 K – Article number + **K4**

Colour graphite or silver  
 graphite – article number  
 silver – article number + **A**

### Accessory

**70 895** Anchorage unit with mounting flange made of hot-dip galvanised steel. Total length 400 mm. 3 stainless steel fixing screws M8. Pitch circle  $\varnothing$  100 mm.

See the separate instructions for use.

### Light distribution

