

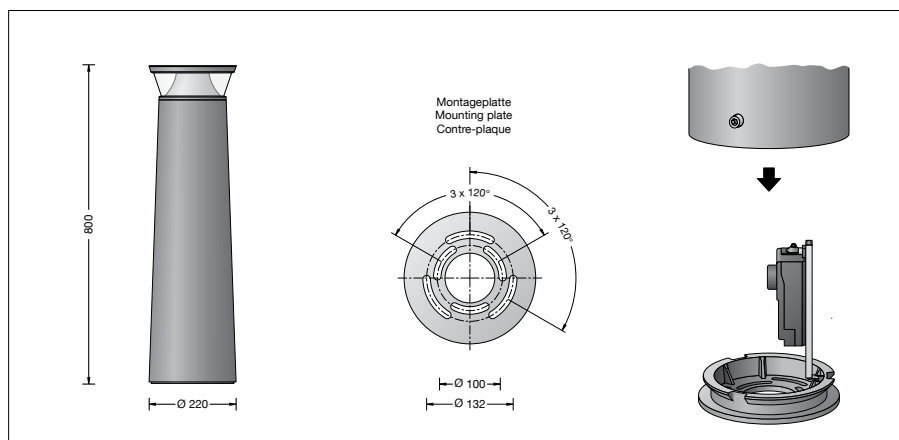
**BEGA****77 792**

Bollard



Project · Reference number

Date



## Product data sheet

### Application

Bollard with rotationally symmetrical light distribution.  
For lighting surfaces and paths from low mounting height.  
For interior and exterior application.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
BEGA Unidure® coating technology  
Borosilicate glass  
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:  
Ø 100 mm, 3 elongated holes 9 mm wide  
Ø 132 mm, 3 elongated holes 9 mm wide  
Luminaire can be aligned on the mounting plate around 360°  
Mounting bracket with connection box 70 632 for through-wiring – for 2 cables up to 5 × 4<sup>□</sup> with fuse Neozed D 01 · 6 A  
LED power supply unit  
220-240 V ~ 0/50-60 Hz  
DC 170-280 V  
BEGA Thermal Switch®  
Temporary thermal shutdown to protect temperature-sensitive components  
Safety class I  
Protection class IP 66  
Dust-tight and protection against strong water jets  
Impact strength IK06  
Protection against mechanical impacts < 1 joule  
 – Safety mark  
 – Conformity mark  
Weight: 9.5 kg

### Lamp

Module connected wattage	15.4 W
Luminaire connected wattage	17.4 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 40\text{ °C}$

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

### 77 792 K3

Module designation	2x LED-0434/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2860 lm
Luminaire luminous flux	1957 lm
Luminaire luminous efficiency	112,5 lm/W

### 77 792 K4

Module designation	2x LED-0434/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3020 lm
Luminaire luminous flux	2067 lm
Luminaire luminous efficiency	118,8 lm/W

### Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50)
	100,000 h (L90 B50)

Ambient temperature $t_{a\text{ max}} = 40\text{ °C}$ (100 %)	
LED psu:	50,000 h
LED module:	> 200,000 h (L80 B50)
	100,000 h (L90 B50)

### Inrush current

Inrush current: 5 A / 50 µs  
Maximum number of luminaires of this type per miniature circuit breaker:  
B 10A: 31 luminaires  
B 16A: 50 luminaires  
C 10A: 52 luminaires  
C 16A: 85 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. 77 792

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

**70 896** Anchorage unit  
Anchorage unit with mounting flange made of hot-dip galvanised steel. Total length 500 mm.  
3 stainless steel fixing screws M 8.  
Pitch circle Ø 132 mm.

See the separate instructions for use.

### Light distribution

