

**BEGA****99 727**

Bollard head



Project · Reference number

Date

## Product data sheet

### Application

Unshielded bollard head with rotationally symmetrical light distribution.  
Light exit 360°.  
For usage in the modular LED bollard concept.

### Product description

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
Synthetic cylinder, white  
Silicone gasket  
Connecting cable X05BQ-F 5 G 1<sup>□</sup>  
Cable length 1,4 m  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-280 V  
DC Start  $\geq$  190 V  
DALI controllable  
A basic isolation exists between power cable  
and control line  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK07  
Protection against mechanical  
impacts < 2 joule  
 – Safety mark  
**CE** – Conformity mark  
Weight: 4.1 kg

### Lamp

Module connected wattage	16.5 W
Luminaire connected wattage	20 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 55$ °C

### 99 727 K3

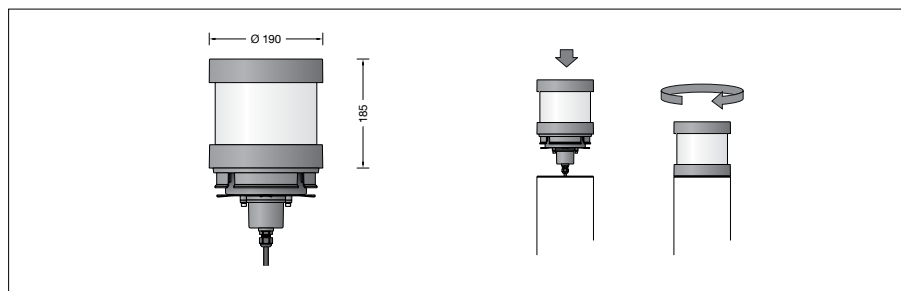
Module designation	LED-0382/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2255 lm
Luminaire luminous flux	936 lm
Luminaire luminous efficiency	46,8 lm/W

### 99 727 K4

Module designation	LED-0382/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2255 lm
Luminaire luminous flux	936 lm
Luminaire luminous efficiency	46,8 lm/W

### Emergency lighting

In combination with bollard tubes with integrated emergency lighting battery the luminaire luminous flux during emergency operation reads 467 lm.



### Service life of the LED

Ambient temperature  $t_a = 25$  °C  
– at > 500,000h: L70B50

max. ambient temperature  $t_a = 55$  °C  
– at 137,000h: L70B50

### Inrush current

Inrush current: 24 A / 115  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
B10A: 31 luminaires  
B16A: 51 luminaires  
C10A: 53 luminaires  
C16A: 86 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).

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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**

### Light distribution

