

**BEGA****84 691**

Bollard head



Project · Reference number

Date

## Product data sheet

### Application

Bollard head with shielded light with four-sided light exit.  
For usage in the modular LED bollard concept.

### Product description

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
Borosilicate glass  
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 IK03  
Protection against mechanical  
impacts < 0.35 joule  
 – Safety mark  
 – Conformity mark  
Weight: 5.9 kg

### 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

### Lamp

Module connected wattage	25.2 W
Luminaire connected wattage	30 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

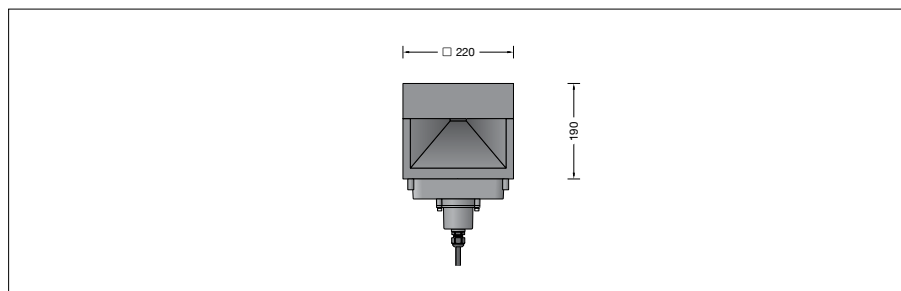
On request we can offer you modifications for  
environments with higher temperatures as a  
customized product.

### 84 691 K3

Module designation	4x LED-0692/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3480 lm
Luminaire luminous flux	715 lm
Luminaire luminous efficiency	23,8 lm/W

### 84 691 K4

Module designation	4x LED-0692/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3480 lm
Luminaire luminous flux	715 lm
Luminaire luminous efficiency	23,8 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25^\circ\text{C}$   
– at 95,000h: L70B50

max. ambient temperature  $t_a = 40^\circ\text{C}$   
– at 50,000h: L70B50

### 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. 84 691

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

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

### Light distribution

