

**BEGA****84 683**

Bollard head



Project · Reference number

Date

## Product data sheet

### Application

Unshielded bollard head with safety guard.  
Light exit 360°.  
For usage in the modular LED bollard concept.

### Product description

Luminaire made of cast aluminium,  
aluminium and stainless steel  
BEGA Unidure® coating technology  
Crystal glass, white inside  
Silicone gasket  
All-side light output 360°  
Connecting cable X05BQ-F 5 G 1 □  
Cable length 1,4 m  
LED power supply unit  
220-240 V ~ 0/50-60 Hz  
DC 176-280 V  
DC Start ≥ 190 V  
DALI controllable  
A basic isolation exists between power cable  
and control line  
BEGA Thermal Control®  
Temporary thermal regulation to protect  
temperature-sensitive components without  
switching off the luminaire  
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: 4.7 kg

### Lamp

Module connected wattage	16.5 W
Luminaire connected wattage	20 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 35\text{ °C}$

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

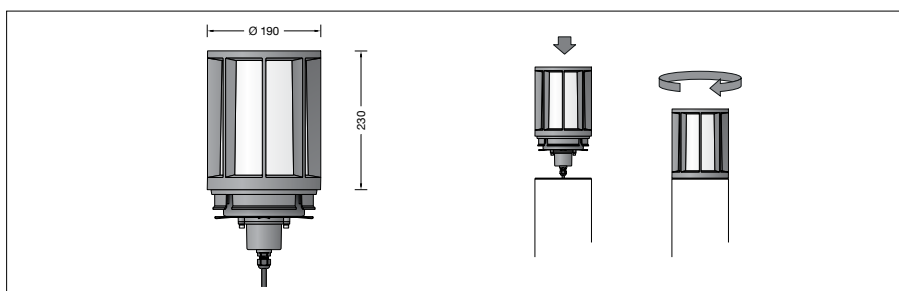
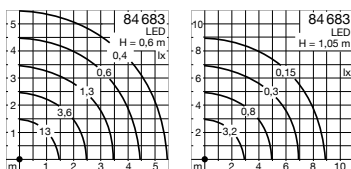
### 84 683 K3

Module designation	LED-0382/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2255 lm
Luminaire luminous flux	1167 lm
Luminaire luminous efficiency	58,4 lm/W

### 84 683 K4

Module designation	LED-0382/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2255 lm
Luminaire luminous flux	1167 lm
Luminaire luminous efficiency	58,4 lm/W

### Light distribution



### Service life · Ambient temperature

Rated temperature  $t_a = 25\text{ °C}$   
LED psu: > 50,000 h  
LED module: 129,000 h (L 80 B 50)

Ambient temperature  $t_{a\text{ max}} = 35\text{ °C}$  (100 %)  
LED psu: 50,000 h  
LED module: 71,000 h (L 80 B 50)  
100,000 h (L 70 B 50)

### 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. 84 683

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**