

**BEGA****84 682**

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 aluminium alloy,  
aluminium and stainless steel  
Crystal glass, white inside  
Silicone gasket  
All-side light output 360°  
Connecting cable H05VV-F 3G 1<sup>□</sup>  
Cable length 1 m  
LED power supply unit  
220-240 V ~ 0/50-60 Hz  
DC 176-264 V  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK09  
Protection against mechanical  
impacts < 10 joule  
 – Safety mark  
 – Conformity mark  
Weight: 2.7 kg

### Inrush current

Inrush current: 11 A / 112 μs  
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B10A: 34 luminaires  
B16A: 55 luminaires  
C10A: 57 luminaires  
C16A: 92 luminaires

### Lamp

|                             |                            |
|-----------------------------|----------------------------|
| Module connected wattage    | 6 W                        |
| Luminaire connected wattage | 7.1 W                      |
| Rated temperature           | $t_a = 25\text{ °C}$       |
| Ambient temperature         | $t_{a,max} = 45\text{ °C}$ |

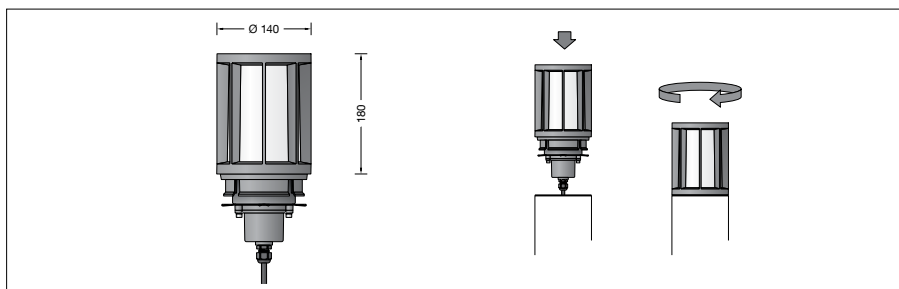
On request we can offer you modifications for  
environments with higher temperatures as a  
customized product.

### 84 682 K3

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-0557/830 |
| Colour temperature            | 3000 K       |
| Colour rendering index        | CRI > 80     |
| Module luminous flux          | 860 lm       |
| Luminaire luminous flux       | 453 lm       |
| Luminaire luminous efficiency | 63,8 lm/W    |

### 84 682 K4

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-0557/840 |
| Colour temperature            | 4000 K       |
| Colour rendering index        | CRI > 80     |
| Module luminous flux          | 860 lm       |
| Luminaire luminous flux       | 453 lm       |
| Luminaire luminous efficiency | 63,8 lm/W    |



### Service life of the LED

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

max. ambient temperature  $t_a = 45\text{ °C}$   
– at 176,000h: 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. 84 682

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

