

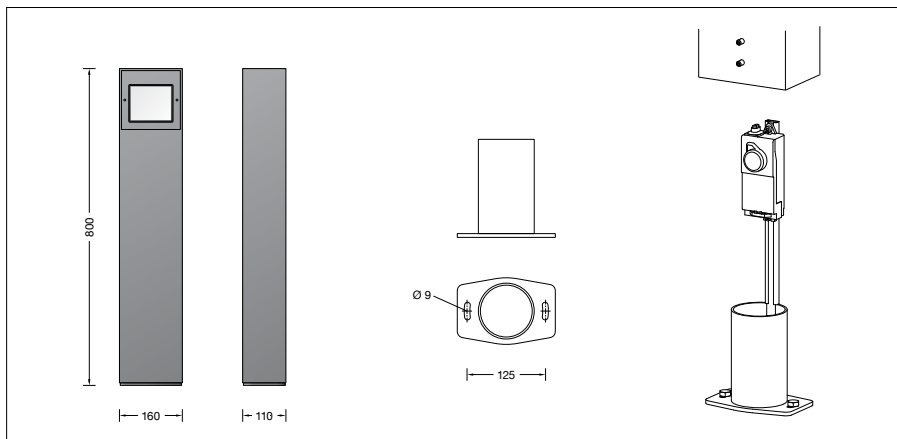
**BEGA****84 412**

Bollard

IP 65

Project · Reference number

Date



## Product data sheet

### Application

LED bollard with single sided light output and flat beam light distribution. The light is directed downwards and is shielded above the horizontal. For broad spread and uniform illumination of surfaces and paths.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Tricoat® coating technology  
 Safety glass with optical structure  
 Reflector made of pure anodised aluminium  
 Silicone gasket  
 Luminaire with mounting base made of hot-dip galvanised steel according to EN ISO 1461 for bolting on a foundation or anchorage unit  
 Base plate with 2 elongated holes  
 Width 9 mm · 125 mm spacing  
 Mounting bracket with connection box 70 632 for through-wiring – for 2 cables up to 5 × 4<sup>2</sup> with fuse Neozed D 01 · 6 A  
 LED power supply unit  
 220-240 V ~ 0/50-60 Hz  
 DC 176-264 V  
 BEGA Thermal Switch®  
 Temporary thermal shutdown to protect temperature-sensitive components  
 Safety class I  
 Protection class IP 65  
 Dust-tight and protection against water jets  
 Impact strength IK04  
 Protection against mechanical impacts < 0.5 joule  
 CE – Conformity mark  
 Weight: 8.2 kg

### Lamp

Module connected wattage 2.9 W  
 Luminaire connected wattage 4 W  
 Rated temperature  $t_a = 25\text{ °C}$   
 Ambient temperature  $t_{a\text{max}} = 50\text{ °C}$

### 84 412 K3

Module designation LED-0750/830  
 Colour temperature 3000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 565 lm  
 Luminaire luminous flux 399 lm  
 Luminaire luminous efficiency 99,8 lm/W

### 84 412 K4

Module designation LED-0750/840  
 Colour temperature 4000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 580 lm  
 Luminaire luminous flux 410 lm  
 Luminaire luminous efficiency 102,5 lm/W

### Service life · Ambient temperature

Rated temperature  $t_a = 25\text{ °C}$   
 LED psu: > 50,000 h  
 LED module: > 200,000 h (L 80 B 50)  
 > 100,000 h (L 90 B 50)

Ambient temperature  $t_{a\text{max}} = 50\text{ °C}$  (100 %)

LED psu: 50,000 h  
 LED module: > 200,000 h (L 80 B 50)  
 > 100,000 h (L 90 B 50)

### Inrush current

Inrush current: 7 A / 112  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 38 luminaires  
 B 16A: 61 luminaires  
 C 10A: 64 luminaires  
 C 16A: 102 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. 84 412

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

### Accessories

**71 178** Anchorage unit  
 Anchorage unit with mounting flange made of galvanised steel. Total length 410 mm.  
 2 stainless steel fixing screws M 8.  
 125 mm spacing  
 For the accessories a separate instructions for use can be provided upon request.

### Light distribution

