

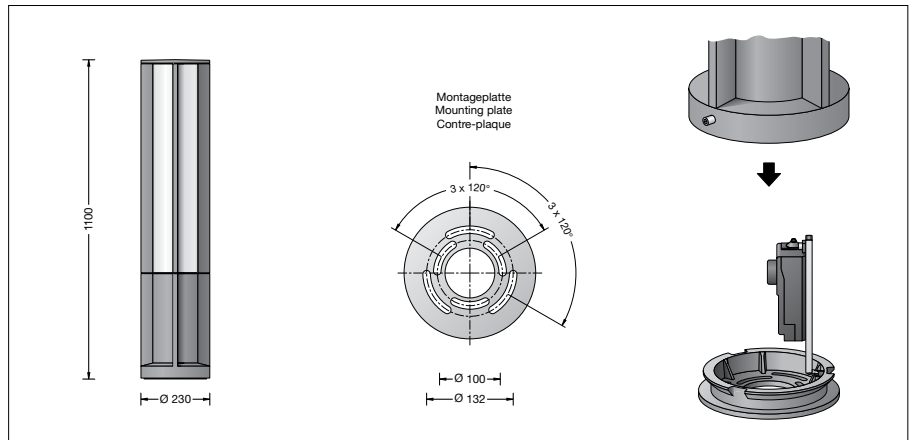
**BEGA****84 603**

Bollard

 IP 65



Project · Reference number

Date



## Product data sheet

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Synthetic cylinder, white  
 Silicone gasket  
 Luminaire with mounting plate for bolting onto a foundation or an anchorage unit  
 Mounting plate with two pitch circles:  
 $\varnothing$  100 mm, 3 elongated holes 9 mm wide  
 $\varnothing$  132 mm, 3 elongated holes 9 mm wide  
 Luminaire can be aligned on the mounting plate around 360°  
 Mounting bracket with connection box 70 632 for through-wiring – for 2 cables up to 5 x 4<sup>□</sup> with fuse Neozed D 01 · 6 A  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-264 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 IK08  
 Protection against mechanical impacts < 5 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 17.6 kg

### Application

Bollard with rotationally symmetrical light distribution.  
 A luminaire with a white synthetic cylinder for uniform, unshielded light.  
 For orientation, demarcation and guidance lighting applications in public and private areas.

### Lamp

Module connected wattage 31.2 W  
 Luminaire connected wattage 36 W  
 Rated temperature  $t_a = 25$  °C  
 Ambient temperature  $t_{a,max} = 55$  °C

### 84 603 K3

Module designation 8x LED-0610/930  
 Colour temperature 3000 K  
 Colour rendering index CRI > 90  
 Module luminous flux 4320 lm  
 Luminaire luminous flux 2561 lm  
 Luminaire luminous efficiency 71,1 lm/W

### 84 603 K4

Module designation 8x LED-0610/940  
 Colour temperature 4000 K  
 Colour rendering index CRI > 90  
 Module luminous flux 4440 lm  
 Luminaire luminous flux 2632 lm  
 Luminaire luminous efficiency 73,1 lm/W

### Service life · Ambient temperature

Rated temperature  $t_a = 25$  °C  
 LED psu: > 50,000 h  
 LED module: > 200,000 h (L80B50)  
 100,000 h (L90B50)

Ambient temperature  $t_{a,max} = 55$  °C (100 %)

LED psu: 50,000 h  
 LED module: 40,000 h (L80B50)  
 60,000 h (L70B50)

### Inrush current

Inrush current: 5 A / 100  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 35 luminaires  
 B 16A: 56 luminaires  
 C 10A: 35 luminaires  
 C 16A: 56 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. 84 603

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**

### Accessory

**70 896** Anchorage unit  
 Anchorage unit with mounting flange made of hot-dip galvanised steel. Total length 500 mm.  
 3 stainless steel fixing screws M 8.  
 Pitch circle  $\varnothing$  132 mm.

See the separate instructions for use.

### Light distribution

