

**BEGA****84 218**

Bollard

IP 65

Project · Reference number

Date

## Product data sheet

**Application**

Garden and pathway luminaire with light directed downwards for effective illumination in private gardens.

Luminaire for the uniform, glare-free illumination of ground surfaces.

**Product description**

Luminaire made of aluminium alloy, aluminium and stainless steel

Safety glass

Silicone gasket

Reflector surface made of pure aluminium

Luminaire with anchorage unit for fixing in the soil

The anchorage unit is made of galvanised steel according to EN ISO 1461

Line connector for mains supply cable up to  $\varnothing$  13 mm · max.  $3 \times 2,5^{\square}$

LED power supply unit

220-240 V  $\sim$  0/50-60 Hz

DC 176-264 V

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK08

Protection against mechanical impacts < 5 joule

CE – Conformity mark

Weight: 3.4 kg

**Inrush current**

Inrush current: 7 A / 112  $\mu$ s

Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 38 luminaires

B16A: 61 luminaires

C10A: 64 luminaires

C16A: 102 luminaires

**Lamp**

Module connected wattage 4.2 W

Luminaire connected wattage 5.3 W

Rated temperature  $t_a = 25^{\circ}\text{C}$

Ambient temperature  $t_{a,max} = 50^{\circ}\text{C}$

**84 218 K3**

Module designation 2x LED-0234/830

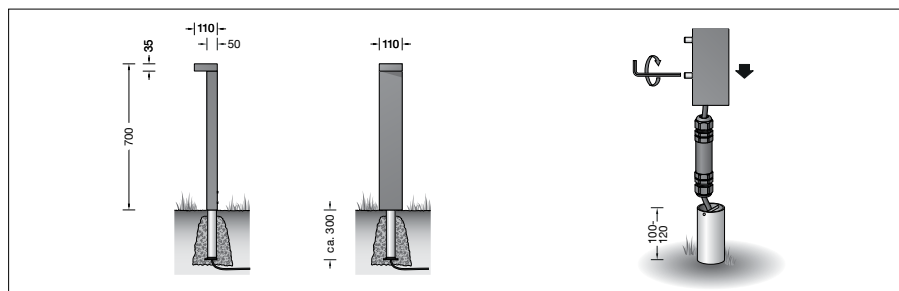
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 560 lm

Luminaire luminous flux 309 lm

Luminaire luminous efficiency 58,3 lm/W

**Service life · Ambient temperature**

Rated temperature  $t_a = 25^{\circ}\text{C}$

LED psu: > 50,000 h

LED module: > 200,000 h (L80 B50)

100,000 h (L90 B50)

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

LED psu: 50,000 h

LED module: 100,000 h (L80 B50)

**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).

Recommended light point interval 6,5 m.

**Article No. 84 218**

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

**Accessories**

Distribution box for installation in soil

**70 730** Distribution box with 7 cable entries  
Connection terminals  $5 \times 4^{\square}$

**71 053** Distribution box with 10 cable entries  
Connection terminals  $6 \times 16^{\square}$

A separate instructions for use can be provided upon request.

**Light distribution**