

**BEGA****84 218**

Garden and pathway luminaire

 IP 65

Project · Reference number

Date

## Product data sheet

### Application

Garden and pathway luminaires with downward-directed light for effective lighting in private gardens.

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

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel

BEGA Unidure® coating technology

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

Connection set with gasket insert and drip-proof cap for through-wiring power connecting cables of  $\varnothing$  10–13.5 mm, max.  $3 \times 2.5^2$

BEGA Ultimate Driver®

LED power supply unit

220-240 V  $\sim$  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 IK08

Protection against mechanical

impacts < 5 joule

 – Safety mark

 – Conformity mark

Weight: 3.4 kg

### Inrush current

Inrush current: 7.8 A / 112  $\mu$ 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

### Lamp

Module connected wattage

4.2 W

Luminaire connected wattage

5.3 W

Rated temperature

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

Ambient temperature

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

### 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 (L 80 B 50)

100,000 h (L 90 B 50)

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

LED psu: 50,000 h

LED module: 100,000 h (L 80 B 50)

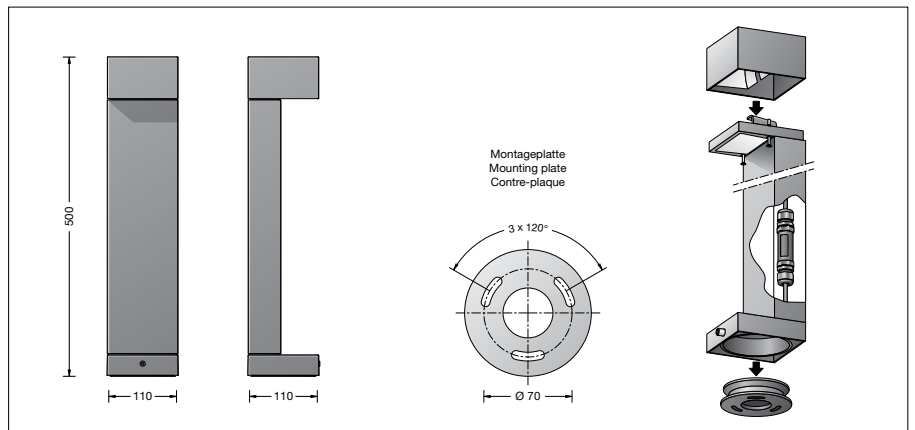
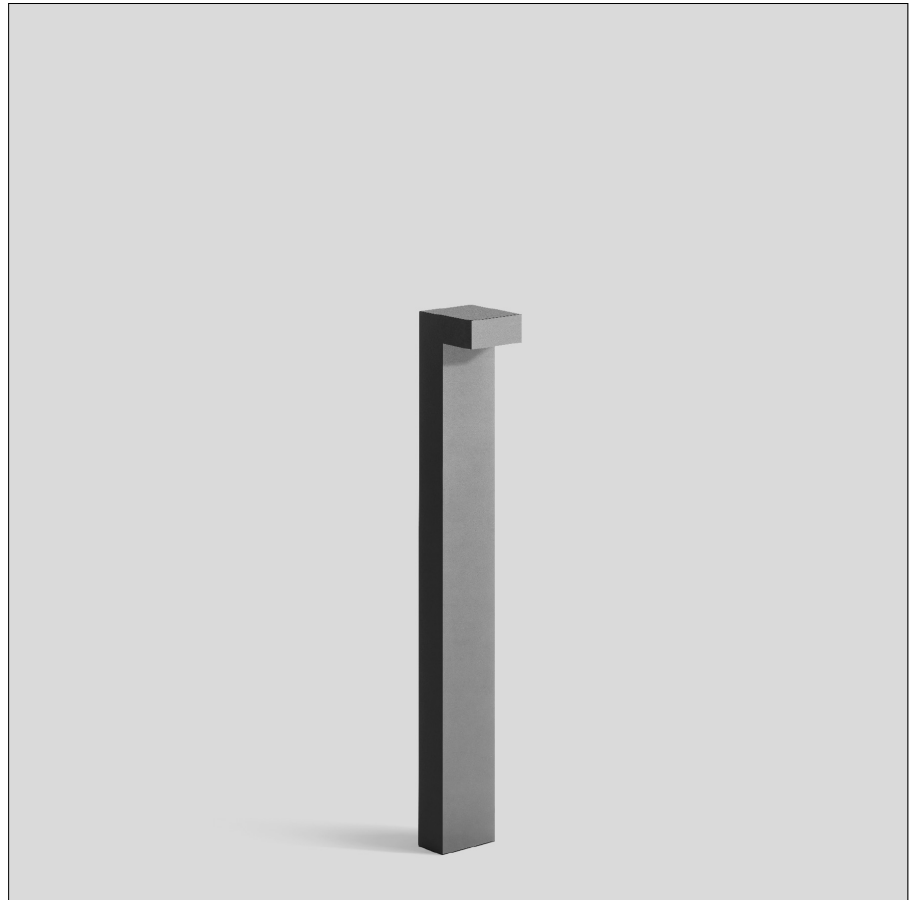
### Light technique

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).

Recommended light point interval 6.5 m.

### Article No. 84 218

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



### Light distribution

