

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

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

BEGA Ultimate Driver®

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: 7.8 A / 112 μ 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

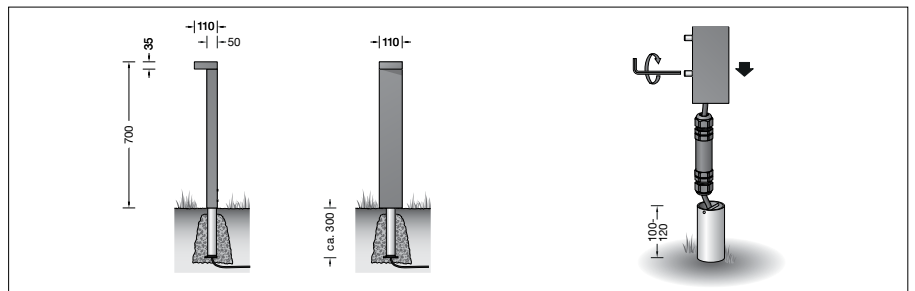
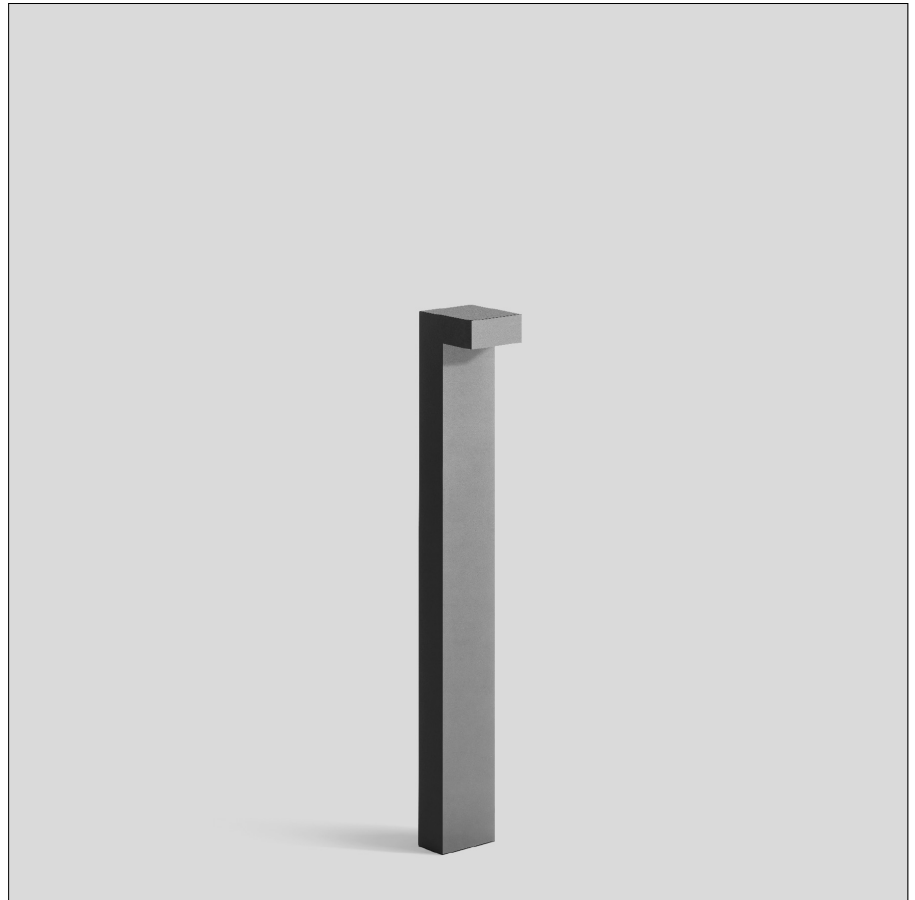
Lamp

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. 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