

BEGA**84 228**

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 mounting base made of hot-dip galvanised steel according to EN ISO 1461 for bolting onto a foundation provided by the customer or on other paved surfaces such as terraces and paving stones
 Base plate with 3 fixing holes
 \varnothing 5.5 mm · Pitch 120° · Pitch circle \varnothing 60 mm
 Line connector for mains supply cable up to \varnothing 13 mm · max. 3 × 2,5[□]
 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
 CE – Conformity mark
 Weight: 3.0 kg

Inrush current

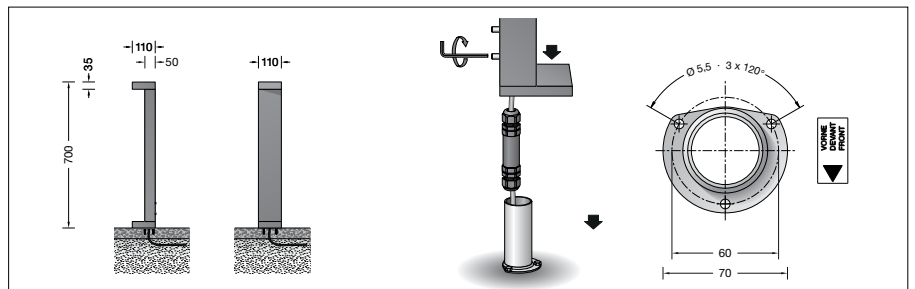
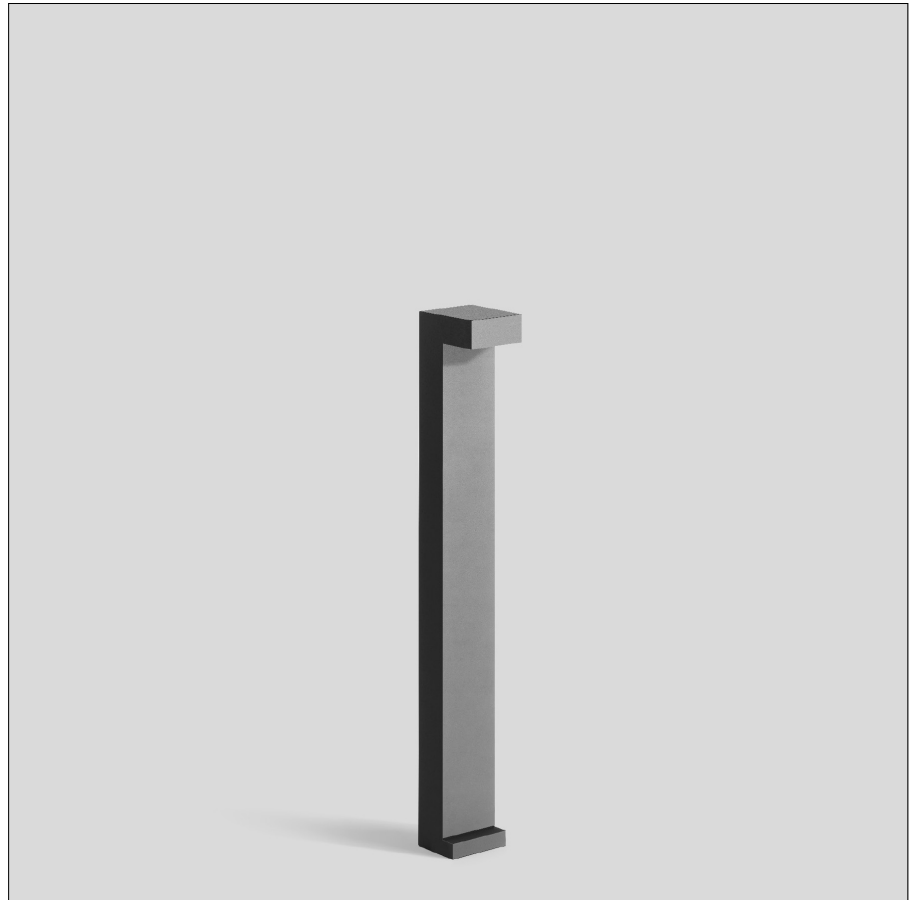
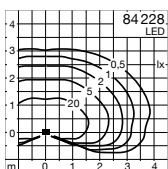
Inrush current: 7 A / 112 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 38 luminaires
 B 16A: 61 luminaires
 C 10A: 64 luminaires
 C 16A: 102 luminaires

Lamp

Module connected wattage 4.2 W
 Luminaire connected wattage 5.3 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 50$ °C

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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

Light distribution**Service life · Ambient temperature**

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

Ambient temperature $t_{a \max} = 50$ °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. 84 228

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 × 4[□]
71 053 Distribution box with 10 cable entries
 Connection terminals 6 × 16[□]

A separate instructions for use can be provided upon request.