

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
Colour graphite or silver
Safety glass with optical structure
Silicone gasket
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. 3×2.5^2
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
DC Start \geq 198 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK05
Protection against mechanical impacts < 0.7 joule
 – Safety mark
CE – Conformity mark
Weight: 2.8 kg
This product contains light sources of energy efficiency class(es) D

Inrush current

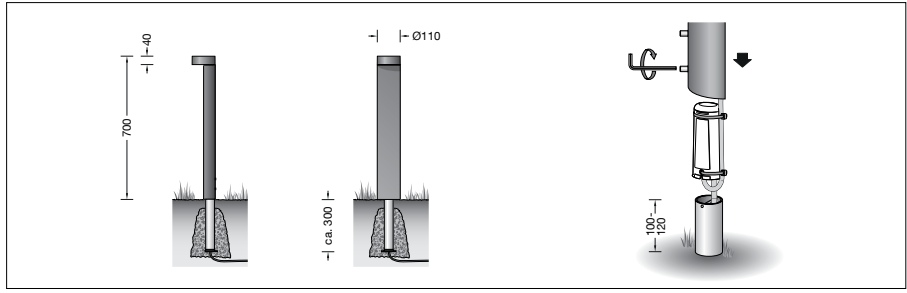
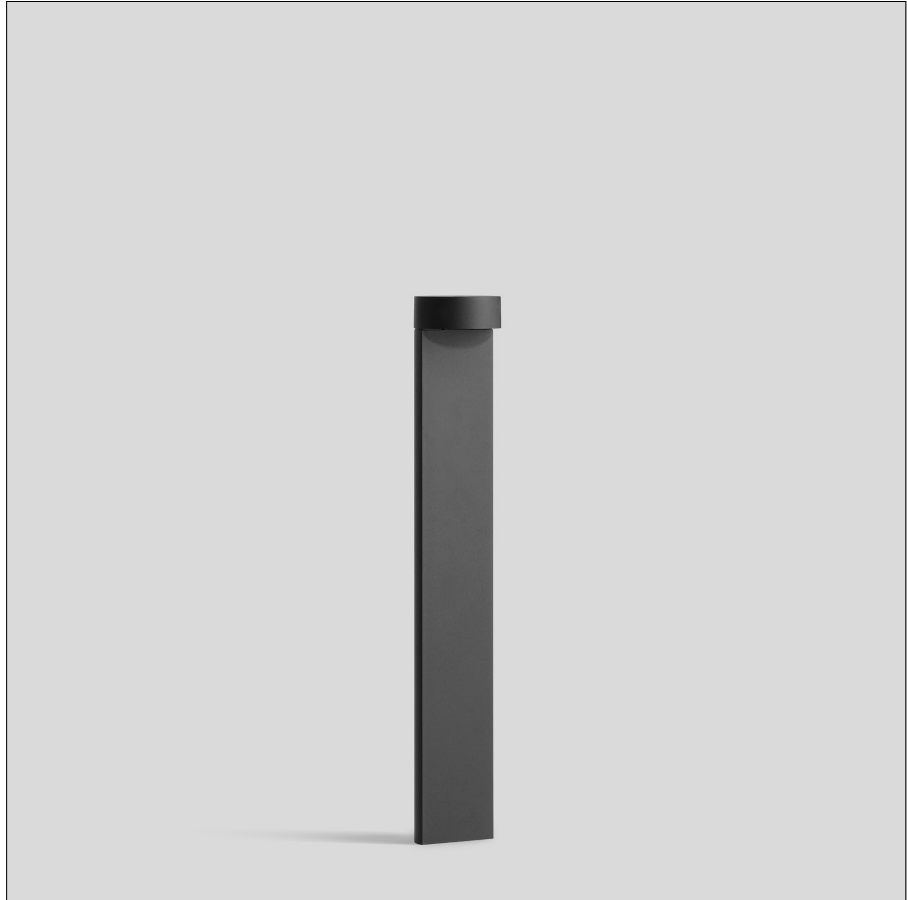
Inrush current: 20 A / 170 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 31 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 85 luminaires

Lamp

Module connected wattage 2 W
Luminaire connected wattage 3.2 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 55^\circ\text{C}$

77 263 K3

Module designation LED-0234/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 345 lm
Luminaire luminous flux 166 lm
Luminaire luminous efficiency 51,9 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000h
LED module: > 200,000h (L80B50)
100,000h (L90B50)

Ambient temperature max. $t_a = 55^\circ\text{C}$ (100 %)
LED psu: 50,000h
LED module: 150,000h (L80B50)

Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.
Recommended light point interval 5 m

Ratio of luminous flux

Luminous flux upper half-space 0 %
Luminous flux lower half-space 100 %

BUG rating according to IES TM-15-07: 0–0*–0
CEN Flux Code according to EN 13032-2: 47–81–98–100–100

* The measured value above 90° including stray light (reflection on the luminaire housing) is U1. However, the luminaire does not emit direct light upwards - due to the upper luminous flux component (less than 0.5%), the value U0 is assigned. Further information on request.

Article No. 77 263

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

Light distribution

