

Product data sheet**Garden and pathway luminaire**IP 65 **77 235**


Project · Reference number

Date

Application

Unshielded garden and path luminaire for lighting of paths, house entrances and terraces. Luminaire with hand-blown, three-ply opal glass and pleasantly uniform light effect. The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Opal glass with screw neck
Silicone gasket
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. $3 \times 2,5^2$
LED power supply unit
100-240 V \sim 50/60 Hz
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
 – Safety mark
CE – Conformity mark
Weight: 2.6 kg

Inrush current

Inrush current: 20 A / 170 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 31 luminaires
B 16A: 50 luminaires
C 10A: 52 luminaires
C 16A: 85 luminaires

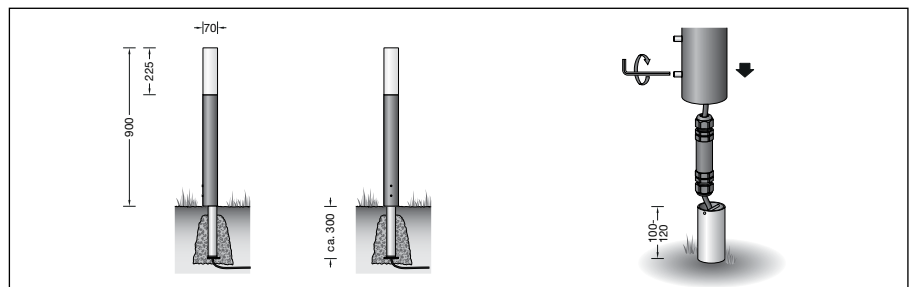
Light technique

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 m.

Lamp

Module connected wattage 6.5 W
Luminaire connected wattage 9 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{ max}} = 30^\circ\text{C}$
Voltage 100-240 V \sim

Module designation LED-0124/830
Colour temperature 3000 K
Colour rendering index $R_a > 80$
Module luminous flux 400 lm
Luminaire luminous flux 293 lm
Luminaire luminous efficiency 32,6 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15^\circ\text{C}$
– at 50,000h: L 80 B 10
– at 110,000h: L 70 B 50

Ambient temperature $t_a = 25^\circ\text{C}$
– at 50,000h: L 80 B 10
– at 80,000h: L 70 B 50

max. ambient temperature $t_a = 30^\circ\text{C}$
– at 50,000h: L 80 B 10
– at 80,000h: L 70 B 50

Article No. 77 235

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

Accessories**70730 Distribution box**

The distribution box is meant for installation in the soil and allows a junction from the supply cable to the luminaire and through-wiring to the next luminaire.
After the electrical connection the distribution box is filled up with gel and closed.

Light distribution