

BEGA**84 808**

Garden and pathway luminaire



Project · Reference number

Date

Product data sheet

Application

Garden and pathway luminaires for glare-free illumination of surfaces from low mounting heights.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Colour graphite or silver
 Safety glass with optical structure
 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
 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 IK06
 Protection against mechanical impacts < 1 joule
 – Safety mark
 – Conformity mark
 Weight: 6.4 kg
 This product contains light sources of energy efficiency class(es) C

Inrush current

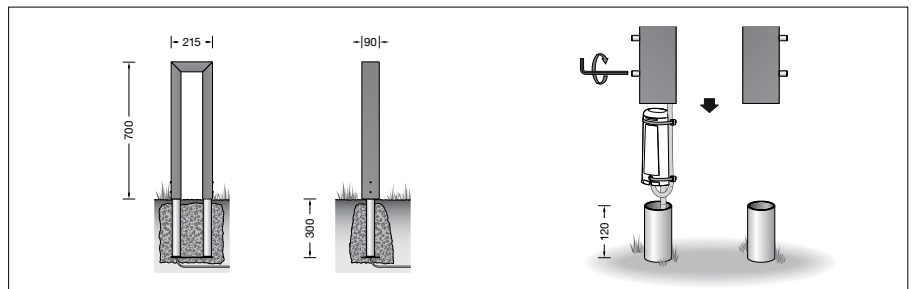
Inrush current: 11.3 A / 112 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 34 luminaires
 B 16A: 55 luminaires
 C 10A: 57 luminaires
 C 16A: 92 luminaires

Lamp

Module connected wattage 5.8 W
 Luminaire connected wattage 7 W
 Rated temperature $t_a = 25^\circ\text{C}$
 Ambient temperature $t_{a\text{max}} = 55^\circ\text{C}$

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Module designation LED-1171/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 1120 lm
 Luminaire luminous flux 513 lm
 Luminaire luminous efficiency 73,3 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 max. $t_a = 55^\circ\text{C}$ (100 %)
 LED psu: 50,000 h
 LED module: 195,000 h (L 80 B 50)

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.

Ratio of luminous flux

Luminous flux upper half-space 0,4 %
 Luminous flux lower half-space 99,6 %

BUG rating according to IES TM-15-07:
 0–0*–0

CEN Flux Code according to EN 13032-2:
 53–84–97–100–100

* 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. 84 808

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