

BEGA**77 235**

Garden and pathway luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded garden and path luminaire for effective illumination in private gardens. Luminaire with hand-blown, three-ply opal glass and pleasantly uniform light effect.

Product description

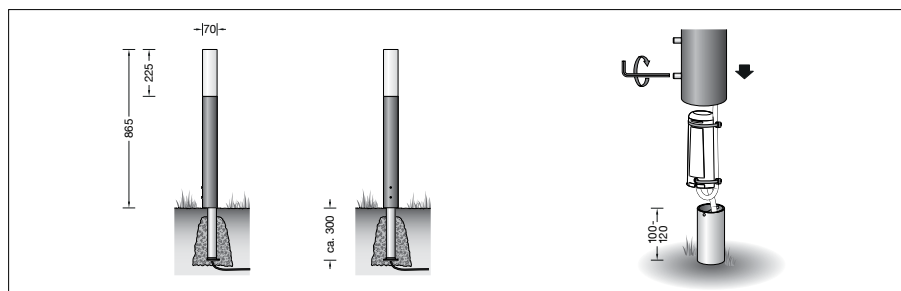
Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Colour graphite or silver
 Opal glass with screw neck
 Silicone gasket
 Luminaire with anchorage unit for fixing in the soil
 The anchorage unit is made of galvanised steel according to EN ISO 1461
 Connection set with gasket insert and drip-proof cap for through-wiring power connecting cables of \varnothing 10–13.5 mm, max. 3 G 2.5[□]
 BEGA Ultimate Driver®
 Complies with flicker requirements in accordance with IEEE 1789,
 DIN IEC/TR 63158, DIN IEC/TR 61547-1
 LED power supply unit
 220–240 V \sim 0/50–60 Hz
 DC 176–280 V
 BEGA Thermal Control®
 Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK03
 Protection against mechanical impacts < 0.35 joule
 – Safety mark
 – Conformity mark
 Weight: 3.0 kg
 This product contains light sources of energy efficiency class(es) D

Lamp

Module connected wattage	3.9 W
Luminaire connected wattage	4.8 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 50^\circ\text{C}$
Voltage	220–240 V \sim

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Module designation	LED-1209/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	580 lm
Luminaire luminous flux	450 lm
Luminaire luminous efficiency	93,8 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
 LED psu: > 50,000 h
 LED module: > 200,000 h (L80 B50)
 100,000 h (L90 B50)

Ambient temperature max. $t_a = 50^\circ\text{C}$ (100 %)
 LED psu: 50,000 h
 LED module: 175,000 h (L80 B50)

Lighting technology

Recommended light point interval 6 m

Inrush current

Inrush current: 5 A / 40 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 50 luminaires
 B 16 A: 50 luminaires
 C 10 A: 80 luminaires
 C 16 A: 80 luminaires

Ratio of luminous flux

Luminous flux upper half-space	53,1 %
Luminous flux lower half-space	46,9 %

BUG rating according to IES TM-15-20:
 0–3–1

CEN Flux Code according to EN 13032-2:
 16–42–70–47–100–19–45–73–53

Article No. 77 235

Colour graphite, silver or bronze
 graphite – article number
 silver – article number + **A**
 bronze – article number + **B**

Light distribution

