

BEGA**77 223**

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
 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. 3×2.5^2
 BEGA Ultimate Driver®
 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 IK03
 Protection against mechanical impacts < 0.35 joule
 – Safety mark
 – Conformity mark
 Weight: 2.8 kg

Inrush current

Inrush current: 7.8 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

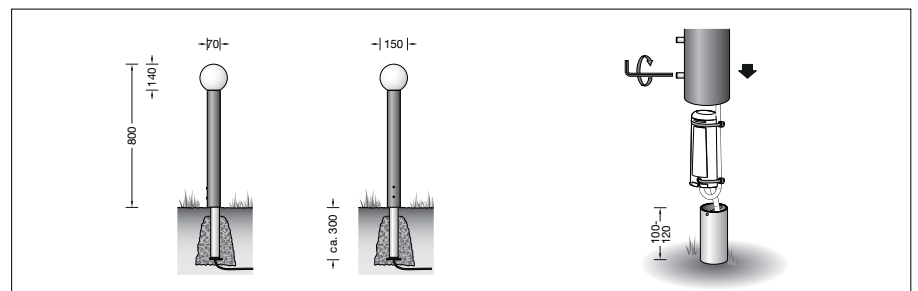
Lamp

Module connected wattage	3.9 W
Luminaire connected wattage	5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^\circ\text{C}$

On request we can offer you modifications for environments with higher temperatures as a customized product.

77 223 K3

Module designation	LED-1209/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	580 lm
Luminaire luminous flux	539 lm
Luminaire luminous efficiency	107,8 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)
Ambient temperature $t_{a\text{max}} = 45^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	175,000 h (L 80 B 50)

Article No. 77 223

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 5×4^2
71 053 Distribution box with 10 cable entries
 Connection terminals 6×16^2

See the separate instructions for use.

Lighting technology

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 are available on the BEGA website at www.bega.com.
 Recommended light point interval 6 m.

Light distribution

