

BEGA**77 265**

Garden and pathway luminaire



Project · Reference number

Date

Product data sheet

Application

Garden and path luminaire with directed light for effective illumination in private gardens.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Clear safety glass
 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 IK06
 Protection against mechanical impacts < 1 joule
 – Safety mark
 – 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:
 B 10A: 31 luminaires
 B 16A: 50 luminaires
 C 10A: 52 luminaires
 C 16A: 85 luminaires

Lamp

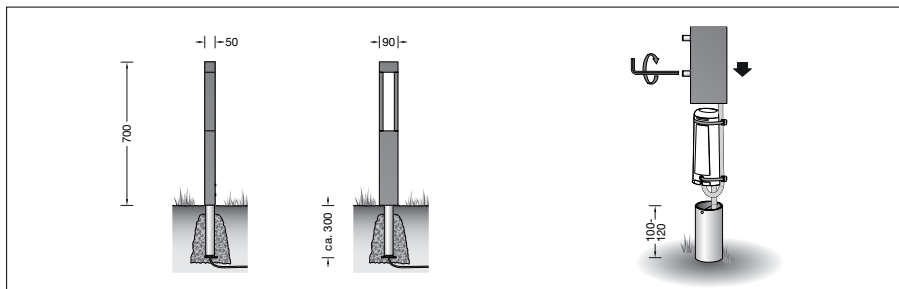
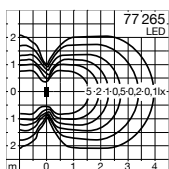
Module connected wattage	4 W
Luminaire connected wattage	5.2 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^\circ\text{C}$

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

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Module designation	2x LED-0234/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	690 lm
Luminaire luminous flux	216 lm
Luminaire luminous efficiency	41,5 lm/W

Light distribution



Service life · Ambient temperature

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

Ambient temperature max. $t_a = 45^\circ\text{C}$ (100 %)
 LED psu: 50,000h
 LED module: 150,000h (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.
 Recommended light point interval 4 m

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:
 51–82–97–100–100

* 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. 77 265

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