

BEGA**77 277**

Garden luminaire



Project · Reference number

Date

Product data sheet

Application

Garden and pathway luminaire with light directed downwards for effective illumination in private gardens.
Luminaire for the uniform, glare-free illumination of ground surfaces.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass with optical structure
Silicone gasket
Luminaire with mounting plate to screw onto a foundation
with 4 elongated holes
Width 4.5 mm · pitch circle \varnothing 80 mm
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 IK07
Protection against mechanical impacts < 2 joule
 – Safety mark
CE – Conformity mark
Weight: 1.1 kg

Inrush current

Inrush current: 7 A / 112 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 38 luminaires
B16A: 61 luminaires
C10A: 64 luminaires
C16A: 102 luminaires

Light technique

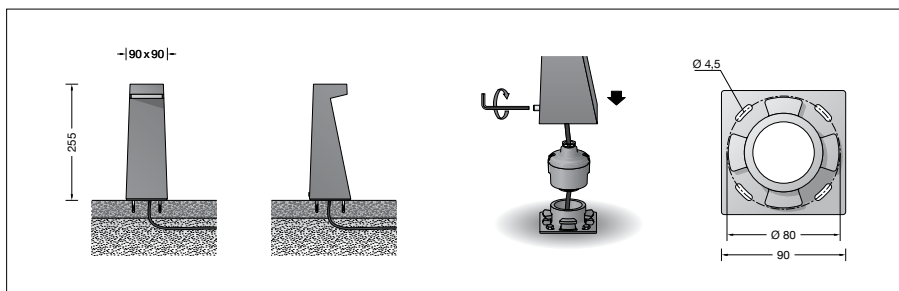
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page www.bega.com.
Recommended light point interval 4 m.

Lamp

Module connected wattage	3.8 W
Luminaire connected wattage	4.9 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 50^\circ\text{C}$

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Module designation	LED-0490/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	755 lm
Luminaire luminous flux	236 lm
Luminaire luminous efficiency	48,2 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 $t_{a\text{max}} = 50^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	97,000 h (L80 B50) 100,000 h (L70 B50)

Article No. 77 277

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 x 4 \square
71 053 Distribution box with 10 cable entries
Connection terminals 6 x 16 \square

See the separate instructions for use.