

BEGA**77 247**

Garden and pathway luminaire



Project · Reference number

Date

Product data sheet

Application

Garden and path luminaire with single-sided unshielded light sector for effective illumination in private gardens.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Safety glass, white
 Silicone gasket
 Luminaire with mounting base made of hot-dip galvanised steel according to EN ISO 1461 for bolting onto a foundation provided by the customer or on other paved surfaces such as terraces and paving stones
 Base plate with 3 fixing holes
 \varnothing 5.5 mm · Pitch 120° · Pitch circle \varnothing 60 mm
 Line connector for mains supply cable up to \varnothing 13 mm · max. 3 × 2,5[□]
 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 IK05
 Protection against mechanical impacts < 0.7 joule
 – Safety mark
CE – Conformity mark
 Weight: 2.8 kg

Inrush current

Inrush current: 6 A / 102 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 60 luminaires
 B 16A: 96 luminaires
 C 10A: 100 luminaires
 C 16A: 161 luminaires

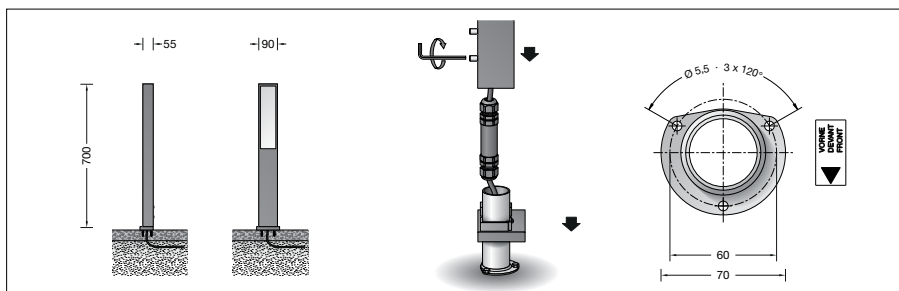
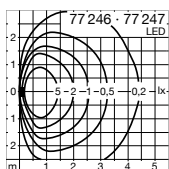
Lamp

Module connected wattage	1.8 W
Luminaire connected wattage	2.4 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a,max} = 65$ °C

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Module designation	LED-0840/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	385 lm
Luminaire luminous flux	139 lm
Luminaire luminous efficiency	57,9 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)
Ambient temperature $t_{a,max} = 65$ °C (100 %)	
LED psu:	50,000 h
LED module:	122,000 h (L 80 B 50)

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 4.5 m

Article No. 77 247

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[□]
71 053 Distribution box with 10 cable entries
 Connection terminals 6 × 16[□]

See the separate instructions for use.