BEGA

77 249

Garden and pathway luminaire

≪10 ⌂ IP 64

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
Matt safety glass
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
ø 5.5 mm · Pitch 120° · Pitch circle ø 60 mm
Recommended light point interval 3.5 m
Line connector for mains supply cable
up to ø 13 mm · max. 3 × 2,5$^\square$
LED power supply unit
220-240 V ⏦ 0/50-60 Hz
DC 176-264 V
Safety class I
Protection class IP 64
Dust-tight and protection against splash water
Impact strength IK02
Protection against mechanical impacts < 0.2 joule
≪10 ⌂ – Safety mark
CE – Conformity mark
Weight: 2.2 kg

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

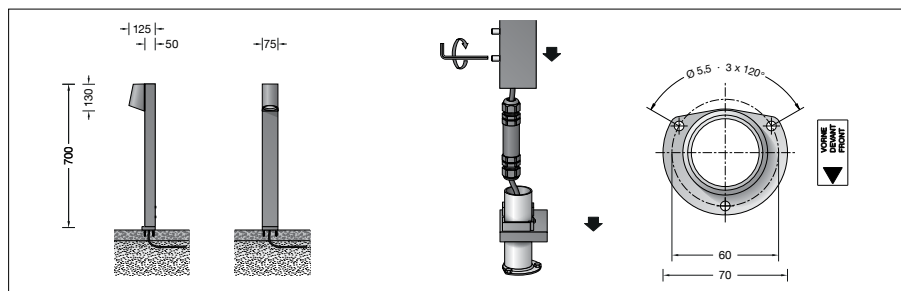|	
B 10 A:	60 luminaires
B 16 A:	96 luminaires
C 10 A:	100 luminaires
C 16 A:	161 luminaires

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 3.5 m

Lamp

Module connected wattage	1.9 W
Luminaire connected wattage	2.5 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 65 °C

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Module designation	LED-0684/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	295 lm
Luminaire luminous flux	146 lm
Luminaire luminous efficiency	58,4 lm / W

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:	170,000 h (L 80 B 50)

Article No. 77 249
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.

Light distribution