

BEGA**77 237**

Garden and pathway luminaire



Project · Reference number

Date

Product data sheet

Application

LED garden and pathway luminaire with light directed downwards for illuminating paths, terraces and house entrances.
Luminaire for the uniform, glare-free illumination of ground surfaces.
The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Matt 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
Line connector for mains supply cable up to \varnothing 13 mm · max. $3 \times 2,5$ [□]
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 176-264 V
DC Start \geq 198 V
Safety class I
Protection class IP 64
Dust-tight and protection against splash water
Impact strength IK07
Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
Weight: 2.8 kg

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	2.1 W
Luminaire connected wattage	3.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 55^\circ\text{C}$

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

77 237 K3

Module designation	LED-0234/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	280 lm
Luminaire luminous flux	136 lm
Luminaire luminous efficiency	38,9 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15^\circ\text{C}$
– at 50,000h: L90B10
– at > 500,000h: L70B50

Ambient temperature $t_a = 25^\circ\text{C}$
– at 50,000h: L90B10
– at > 500,000h: L70B50

max. ambient temperature $t_a = 55^\circ\text{C}$
– at 50,000h: L80B10
– at 204,000h: L70B50

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

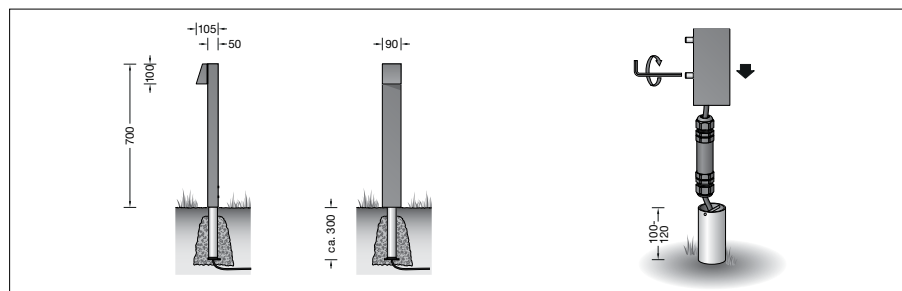
Article No. 77 237

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.



Light distribution

