

BEGA**77 238**

Garden and pathway 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.
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 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
 $\varnothing 5.5 \text{ mm} \cdot \text{Pitch } 120^\circ \cdot \text{Pitch circle } \varnothing 60 \text{ mm}$
Line connector for mains supply cable up to $\varnothing 13 \text{ mm} \cdot \text{max. } 3 \times 2,5^\square$
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 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
CE – Conformity mark
Weight: 2.3 kg

Inrush current

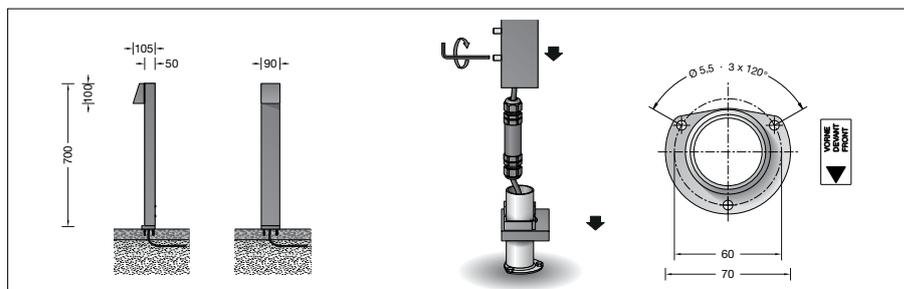
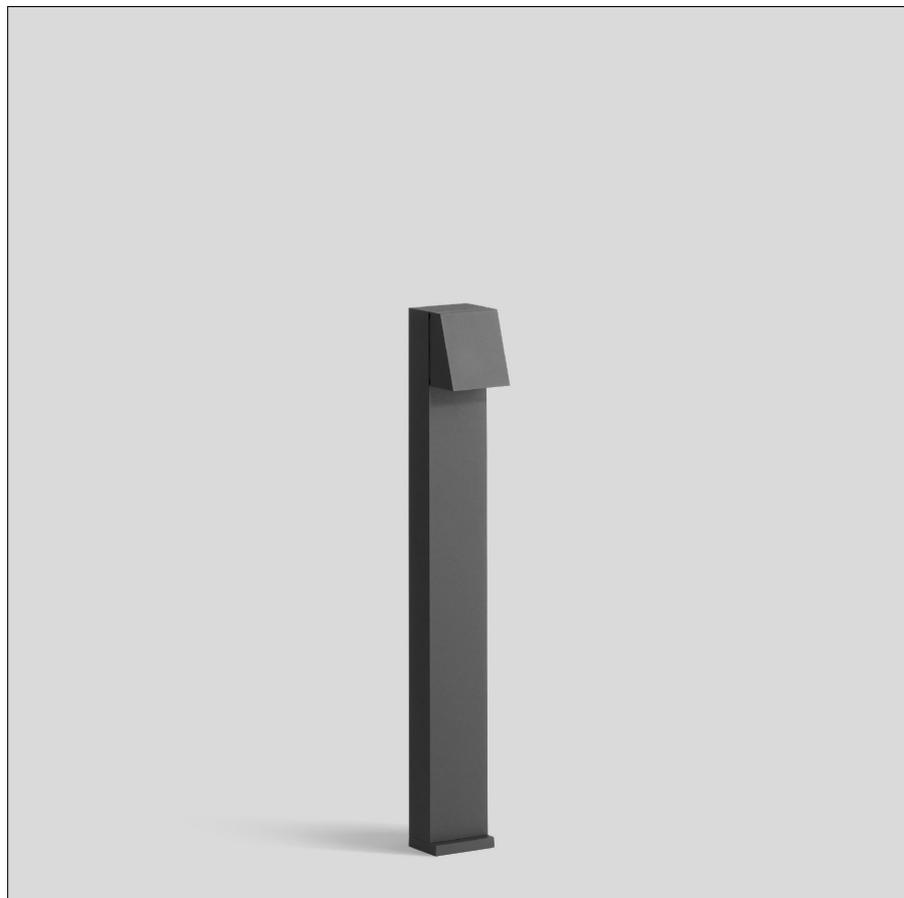
Inrush current: 6 A / 102 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 60 luminaires
B 16A: 96 luminaires
C 10A: 100 luminaires
C 16A: 161 luminaires

Lamp

Module connected wattage	2.1 W
Luminaire connected wattage	2.7 W
Rated temperature	$t_a = 25^\circ \text{C}$
Ambient temperature	$t_{a \text{ max}} = 60^\circ \text{C}$

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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	50,4 lm/W



Service life of the LED

Ambient temperature $t_a = 25^\circ \text{C}$
– at > 500,000 h: L 70 B 50

max. ambient temperature $t_a = 60^\circ \text{C}$
– at 112,000 h: L 70 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. 77 238

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 $5 \times 4^\square$
71 053 Distribution box with 10 cable entries
Connection terminals $6 \times 16^\square$

See the separate instructions for use.

Light distribution

