

BEGA**77 233**

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.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Clear impact resistant synthetic diffuser with optical structure
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. $3 \times 2,5^{\square}$
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK10
Protection against mechanical impacts < 20 joule
 – Safety mark
 – Conformity mark
Weight: 2.8 kg

Inrush current

Inrush current: 20 A / 80 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 35 luminaires
B 16A: 56 luminaires
C 10A: 58 luminaires
C 16A: 94 luminaires

Lamp

Module connected wattage 4 W
Luminaire connected wattage 5.6 W
Rated temperature $t_a = 25^{\circ}\text{C}$
Ambient temperature $t_{a \max} = 50^{\circ}\text{C}$

77 233 K3

Module designation LED-0684/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 560 lm
Luminaire luminous flux 128 lm
Luminaire luminous efficiency 22,9 lm/W

Service life · Ambient temperature

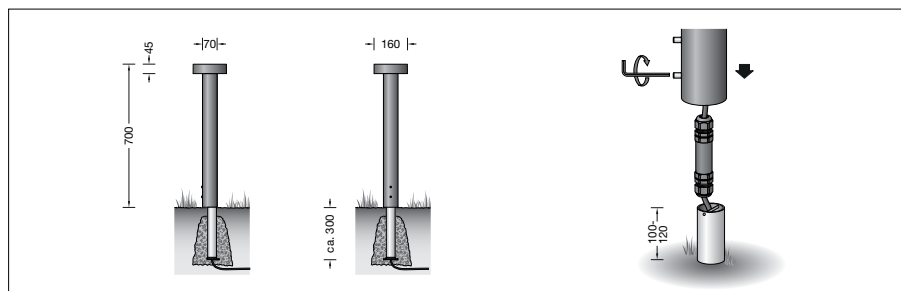
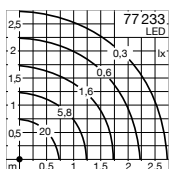
Rated temperature $t_a = 25^{\circ}\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature $t_{a \max} = 50^{\circ}\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 160,000 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

Light distribution



Article No. 77 233

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.