

BEGA**77 237**

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

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 x 2,5²

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: 2.8 kg

Inrush current

Inrush current: 6 A / 102 μ s

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 4.5 m

Lamp

Module connected wattage 2.1 W

Luminaire connected wattage 2.7 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a \max} = 65$ °C

77 237 K3

Module designation LED-0234/830

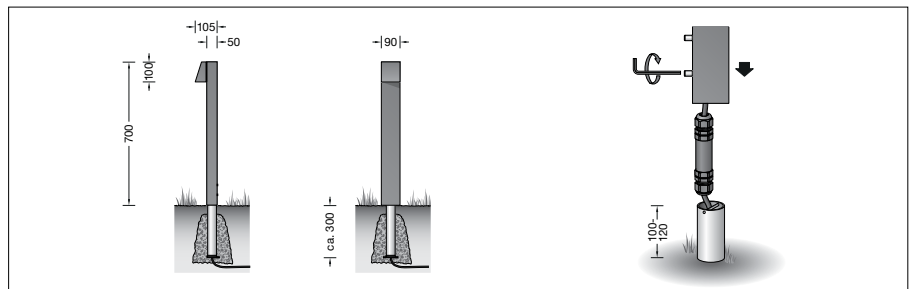
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 280 lm

Luminaire luminous flux 136 lm

Luminaire luminous efficiency 50,4 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: 57,000 h (L 80 B 50)

86,000 h (L 70 B 50)

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 x 4²

71 053 Distribution box with 10 cable entries

Connection terminals 6 x 16²

See the separate instructions for use.

Light distribution

