

**BEGA****77 239**

Garden and pathway luminaire

 IP 64

Project · Reference number

Date

**Product data sheet****Application**

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.  $3 \times 2,5^2$

LED power supply unit

220-240 V  $\sim$  0/50-60 Hz

Safety class I


Protection class IP 64


Dust-tight and protection against splash water

Impact strength IK02

Protection against mechanical

impacts < 0.2 joule

 – Safety mark

 – Conformity mark

Weight: 2.7 kg

**Inrush current**

Inrush current: 20 A / 170  $\mu$ s

Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 31 luminaires

B16A: 50 luminaires

C10A: 52 luminaires

C16A: 85 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](http://www.bega.com).

Recommended light point interval 3.5 m

**Lamp**

Module connected wattage 1.9 W

Luminaire connected wattage 3.3 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.

Module designation LED-0684/830

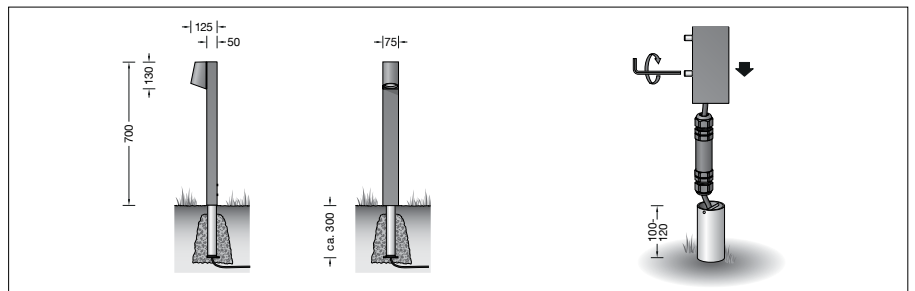
Colour temperature 3000 K

Colour rendering index  $R_a > 80$

Module luminous flux 295 lm

Luminaire luminous flux 146 lm

Luminaire luminous efficiency 44,2 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 250,000h: L70B50

**Article No. 77 239**

Colour graphite or silver

graphite – article number

silver – article number + A

**Accessories**

**70 730** Distribution box

The distribution box is meant for installation in the soil and allows a junction from the supply cable to the luminaire and through-wiring to the next luminaire.

After the electrical connection the distribution box is filled up with gel and closed.

**Light distribution**