

BEGA**77 276**

Garden luminaire

IP 65

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.

Product description

Luminaire made of aluminium alloy,

aluminium and stainless steel

Safety glass 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

ø 7-12 mm · max. 3 × 2,5[□]

LED power supply unit

220-240 V ~ 0/50-60 Hz

DC 176-264 V

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK07

Protection against mechanical

impacts < 2 joule

CE – Conformity mark

Weight: 2.0 kg

Inrush current

Inrush current: 6 A / 133 μs

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

B 10A: 93 luminaires

B 16A: 150 luminaires

C 10A: 156 luminaires

C 16A: 250 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 m.

Lamp

Module connected wattage 6.3 W

Luminaire connected wattage 8.4 W

Rated temperature $t_a = 25\text{ °C}$

Ambient temperature $t_{a\text{ max}} = 40\text{ °C}$

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

77 276 K3

Module designation LED-0490/830

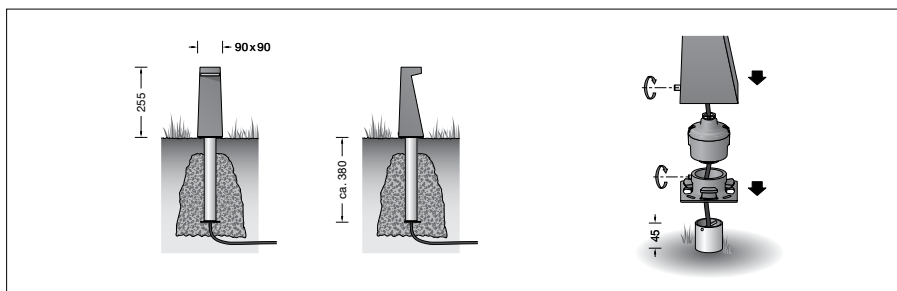
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 735 lm

Luminaire luminous flux 208 lm

Luminaire luminous efficiency 24,8 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15\text{ °C}$

– at 50,000 h: L90B10

– at 420,000 h: L70B50

Ambient temperature $t_a = 25\text{ °C}$

– at 50,000 h: L90B10

– at 310,000 h: L70B50

max. ambient temperature $t_a = 40\text{ °C}$

– at 50,000 h: L90B50

– at 210,000 h: L70B50

Article No. 77 276

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[□]

A separate instructions for use can be provided upon request.