

**BEGA****77 276**

Garden 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  
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  
LED power supply unit  
220-240 V  $\sim$  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  
 – Safety mark  
 – Conformity mark  
Weight: 2.0 kg

### Inrush current

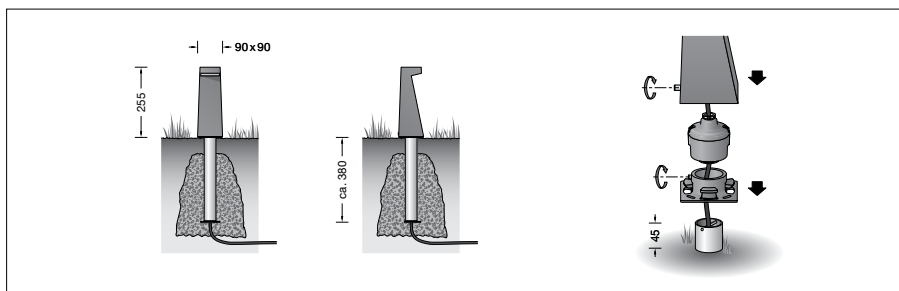
Inrush current: 7 A / 112  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
B10A: 38 luminaires  
B16A: 61 luminaires  
C10A: 64 luminaires  
C16A: 102 luminaires

### Lamp

Module connected wattage	3.9 W
Luminaire connected wattage	5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a, \text{max}} = 50^\circ\text{C}$

### 77 276 K3

Module designation	LED-0490/830
Colour temperature	3000 K
Colour rendering index	CRi > 80
Module luminous flux	725 lm
Luminaire luminous flux	227 lm
Luminaire luminous efficiency	45,4 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25^\circ\text{C}$   
– at > 500,000h: L70B50

max. ambient temperature  $t_a = 50^\circ\text{C}$   
– at 143,000h: L70B50

### 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 4 m.

### 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 x 4<sup>□</sup>  
**71 053** Distribution box with 10 cable entries  
Connection terminals 6 x 16<sup>□</sup>

See the separate instructions for use.