

**BEGA****77 247**

Garden and pathway luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED garden and path luminaire with single-sided unshielded light sector for effective illumination in private gardens.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 Safety glass, white  
 Silicone gasket  
 Luminaire with mounting base made of hot-dip galvanised steel according to EN ISO 1461 for bolting onto a foundation provided by the customer or on other paved surfaces such as terraces and paving stones  
 Base plate with 3 fixing holes  
 $\varnothing 5.5 \text{ mm} \cdot \text{Pitch } 120^\circ \cdot \text{Pitch circle } \varnothing 60 \text{ mm}$   
 Line connector for mains supply cable up to  $\varnothing 13 \text{ mm} \cdot \text{max. } 3 \times 2,5^\square$   
 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 IK05  
 Protection against mechanical impacts < 0.7 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 2.8 kg

### Inrush current

Inrush current: 6 A / 102  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B10A: 60 luminaires  
 B16A: 96 luminaires  
 C10A: 100 luminaires  
 C16A: 161 luminaires

### Lamp

Module connected wattage 1.8 W  
 Luminaire connected wattage 2.4 W  
 Rated temperature  $t_a = 25^\circ\text{C}$   
 Ambient temperature  $t_{a \text{ max}} = 65^\circ\text{C}$

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Module designation LED-0840/830  
 Colour temperature 3000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 385 lm  
 Luminaire luminous flux 139 lm  
 Luminaire luminous efficiency 57,9 lm/W

### Service life · Ambient temperature

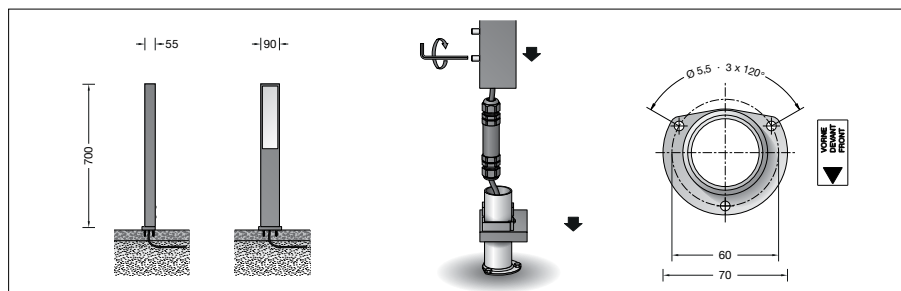
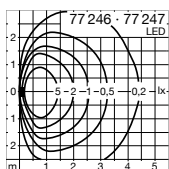
Rated temperature  $t_a = 25^\circ\text{C}$   
 LED psu: > 50,000 h  
 LED module: > 200,000 h (L80 B50)  
 100,000 h (L90 B50)

Ambient temperature  $t_{a \text{ max}} = 65^\circ\text{C}$  (100 %)  
 LED psu: 50,000 h  
 LED module: 122,000 h (L80 B50)

### 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 4.5 m

### Light distribution



### Article No. 77 247

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 $\square$   
**71 053** Distribution box with 10 cable entries  
 Connection terminals 6 x 16 $\square$

See the separate instructions for use.