

**BEGA****77 246**

Garden and pathway luminaire



Project · Reference number

Date

## Product data sheet

### Application

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  
 BEGA Unidure® coating technology  
 Safety glass, white  
 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.  $3 \times 2,5^{\square}$   
 BEGA Ultimate Driver®  
 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: 3.4 kg

### Inrush current

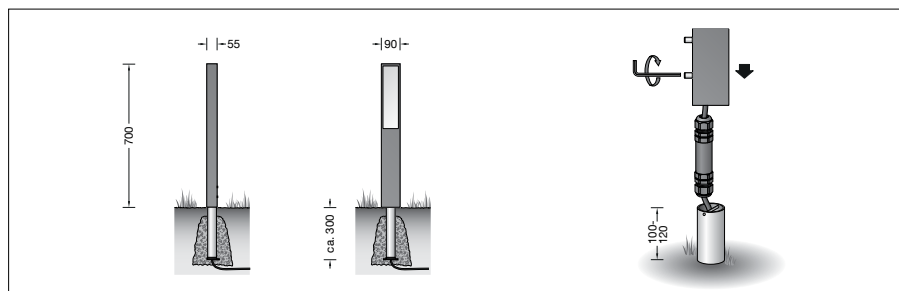
Inrush current: 6 A / 102  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B10A: 60 luminaires  
 B16A: 96 luminaires  
 C10A: 100 luminaires  
 C16A: 161 luminaires

### Lamp

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

### 77 246 K3

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

### Article No. 77 246

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  $5 \times 4^{\square}$   
**71 053** Distribution box with 10 cable entries  
 Connection terminals  $6 \times 16^{\square}$

A separate instructions for use can be provided upon request.

### Light distribution

