

**BEGA****77 266**

Garden and pathway luminaire



Project · Reference number

Date

## Product data sheet

### Application

Garden and path luminaire with directed light for effective illumination in private gardens.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Matt safety glass  
 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  $\varnothing 13 \text{ mm} \cdot \text{max. } 3 \times 2,5^\square$   
 BEGA Ultimate Driver®  
 LED power supply unit  
 $220\text{-}240 \text{ V} \sim 0/50\text{-}60 \text{ Hz}$   
 $\text{DC } 176\text{-}264 \text{ V}$   
 Safety class I  
 Protection class IP 65  
 Dust-tight and protection against water jets  
 Impact strength IK06  
 Protection against mechanical impacts < 1 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 2.2 kg

### Inrush current

Inrush current: 7.8 A / 112  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 38 luminaires  
 B 16A: 61 luminaires  
 C 10A: 64 luminaires  
 C 16A: 102 luminaires

### Lamp

Module connected wattage	4.2 W
Luminaire connected wattage	5.3 W
Rated temperature	$t_a = 25^\circ \text{C}$
Ambient temperature	$t_{a \text{ max}} = 50^\circ \text{C}$

### 77 266 K3

Module designation	2x LED-0234/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	560 lm
Luminaire luminous flux	171 lm
Luminaire luminous efficiency	32,3 lm/W

### Service life · Ambient temperature

Rated temperature $t_a = 25^\circ \text{C}$	LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)	LED module: > 200,000 h (L 80 B 50)
LED module: > 100,000 h (L 90 B 50)	
Ambient temperature $t_{a \text{ max}} = 50^\circ \text{C}$ (100 %)	LED psu: 50,000 h
LED module: 50,000 h	LED module: 61,000 h (L 80 B 50)
LED module: 61,000 h (L 80 B 50)	LED module: 91,000 h (L 70 B 50)
LED module: 91,000 h (L 70 B 50)	

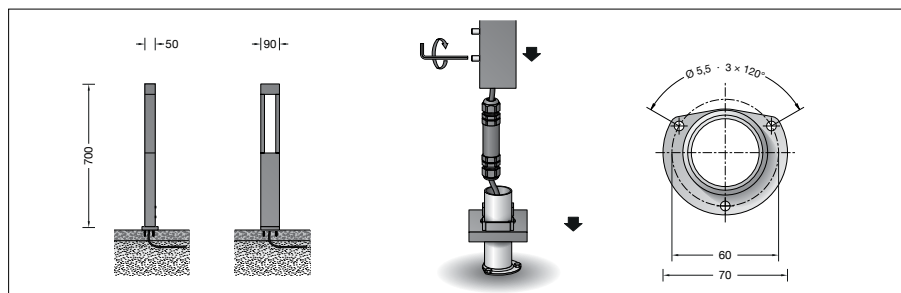
### Article No. 77 266

Colour graphite or silver  
 graphite – article number  
 silver – article number + **A**

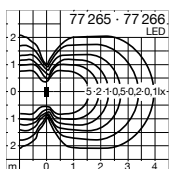
### Accessories

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  $6 \times 16^\square$

See the separate instructions for use.



### Light distribution



### 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.