

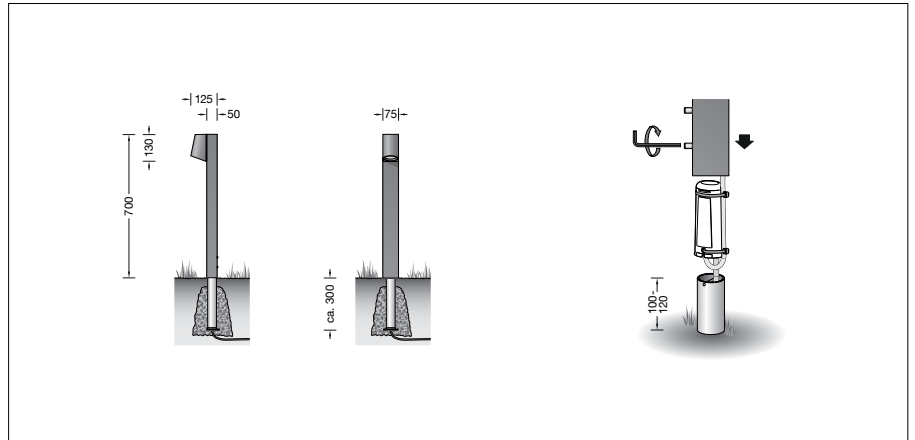
**BEGA****77 239**

Garden and pathway luminaire

 IP 64



Project · Reference number

Date



## Product data sheet

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Colour graphite or silver  
 Matt safety glass  
 Silicone gasket  
 Luminaire with anchorage unit for fixing in the soil  
 Recommended light point interval 3.5 m  
 The anchorage unit is made of galvanised steel according to EN ISO 1461  
 Connection set with gasket insert and drip-proof cap for through-wiring power connecting cables of  $\varnothing$  10–13.5 mm, max.  $3 \times 2.5^2$   
 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 64  
 Dust-tight and protection against splash water  
 Impact strength IK02  
 Protection against mechanical impacts < 0.2 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 2.7 kg  
 This product contains light sources of energy efficiency class(es) E

### Application

Garden and pathway luminaires with downward-directed light for effective lighting in private gardens.  
 Luminaire for the uniform and glare-free illumination of ground surfaces.

### Dark Sky

The light of this luminaire is directed evenly and highly efficiently onto the surface to be illuminated. Less than 1 % of the luminaire luminous flux is emitted into the upper half-space of the luminaire.

### Lamp

Module connected wattage	1.9 W
Luminaire connected wattage	2.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 65^\circ\text{C}$

### 77 239 K3

Module designation	LED-0684/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	295 lm
Luminaire luminous flux	146 lm
Luminaire luminous efficiency	58,4 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 B50) 100,000 h (L.90 B50)

Ambient temperature max.  $t_a = 65^\circ\text{C}$  (100 %)

LED psu:	50,000 h
LED module:	170,000 h (L.80 B50)

### Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at [www.bega.com](http://www.bega.com).  
 Recommended light point interval 3.5 m

### Inrush current

Inrush current: 7 A / 102  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 60 luminaires  
 B 16A: 96 luminaires  
 C 10A: 100 luminaires  
 C 16A: 161 luminaires

### Ratio of luminous flux

Luminous flux upper half-space	0,1 %
Luminous flux lower half-space	99,9 %

BUG rating according to IES TM-15-07:

0 – 1 – 0

CEN Flux Code according to EN 13032-2:

80 – 97 – 100 – 100 – 100

### BEGA Constant Optics®

BEGA Constant Optics® is an efficient optical system that is virtually impervious to wear and tear. The durable materials used, including glass, pure aluminium and silicone, show no effects of ageing, even under extreme conditions like high temperatures and UV radiation.

### Article No. 77 239

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

### Light distribution

