

**BEGA****77 219**

Garden and pathway luminaire



Project · Reference number

Date

## Product data sheet

### 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.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Clear impact resistant synthetic diffuser with optical structure  
 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 mm · Pitch 120° · Pitch circle  $\varnothing$  60 mm  
 Line connector for mains supply cable up to  $\varnothing$  13 mm · max. 3 × 2,5<sup>□</sup>  
 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 IK09  
 Protection against mechanical impacts < 10 joule  
 – Safety mark  
 CE – Conformity mark  
 Weight: 2.4 kg

### Inrush current

Inrush current: 7 A / 112  $\mu$ 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

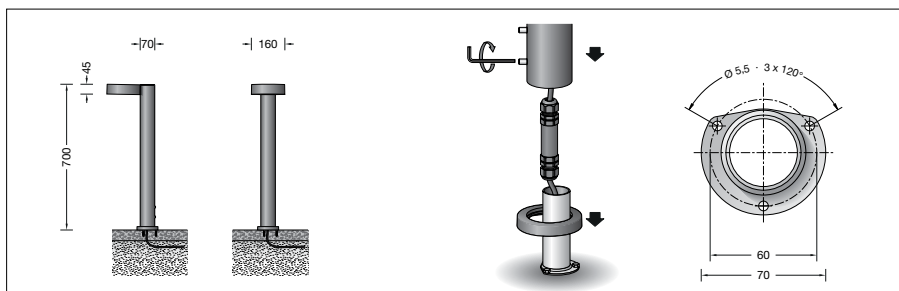
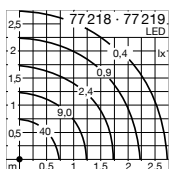
### Lamp

Module connected wattage	3.8 W
Luminaire connected wattage	4.9 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 60^\circ\text{C}$

### 77 219 K3

Module designation	2x LED-0181/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	760 lm
Luminaire luminous flux	365 lm
Luminaire luminous efficiency	74,5 lm/W

### Light distribution



### 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) 100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{max}} = 60^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	150,000 h (L 80 B 50)

### Lighting technology

Recommended light point interval 5 m  
 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 are available on the BEGA website at [www.bega.com](http://www.bega.com).

### Article No. 77 219

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

See the separate instructions for use.