

Project · Reference number


Date

**Product data sheet**

**Application**

Garden and pathway luminaire with light directed downwards for effective illumination in private gardens.  
Luminaire for the uniform, glare-free illumination of ground surfaces.

**Product description**

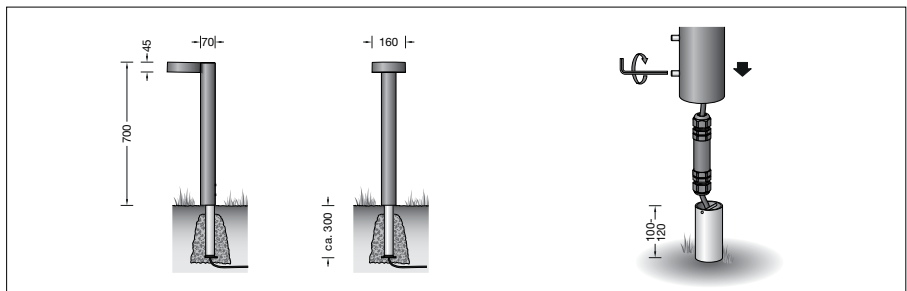
Luminaire made of aluminium alloy, aluminium and stainless steel  
BEGA Unidure® coating technology  
Clear impact resistant synthetic diffuser with optical structure  
Silicone gasket  
Luminaire with anchorage unit for fixing in the soil  
The anchorage unit is made of galvanised steel according to EN ISO 1461  
Line connector for mains supply cable up to  $\varnothing$  13 mm · max. 3 x 2,5<sup>□</sup>  
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: 3.0 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	$t_{a\text{max}} = 60^\circ\text{C}$



**77 218 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

**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  $t_{a\text{max}} = 60^\circ\text{C}$  (100 %)  
LED psu: 50,000 h  
LED module: 150,000 h (L80 B50)

**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. 77 218**

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

See the separate instructions for use.

**Light distribution**

