

**BEGA****77 223**

Garden and pathway luminaire



Project · Reference number

Date

## Product data sheet

### Application

Unshielded garden and path luminaire for effective illumination in private gardens. Luminaire with hand-blown, three-ply opal glass and pleasantly uniform light effect.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
Opal glass with screw neck  
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.  $3 \times 2,5$ <sup>□</sup>  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-280 V  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK03  
Protection against mechanical impacts < 0.35 joule  
 – Safety mark  
**CE** – Conformity mark  
Weight: 2.8 kg

### Inrush current

Inrush current: 20 A / 80  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
B 10A: 35 luminaires  
B 16A: 56 luminaires  
C 10A: 58 luminaires  
C 16A: 94 luminaires

### Lighting technology

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). Recommended light point interval 6 m.

### Lamp

Module connected wattage	4 W
Luminaire connected wattage	5.6 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 50$ °C

### 77 223 K3

Module designation	LED-0684/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	560 lm
Luminaire luminous flux	492 lm
Luminaire luminous efficiency	87,9 lm/W

### Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

Ambient temperature $t_{a \max} = 50$ °C (100 %)	
LED psu:	50,000 h
LED module:	160,000 h (L 80 B 50)

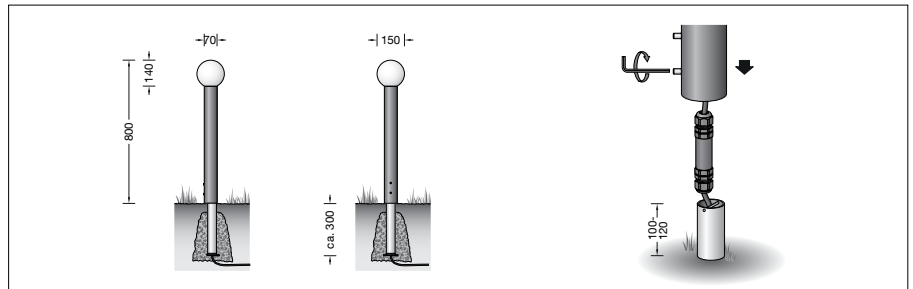
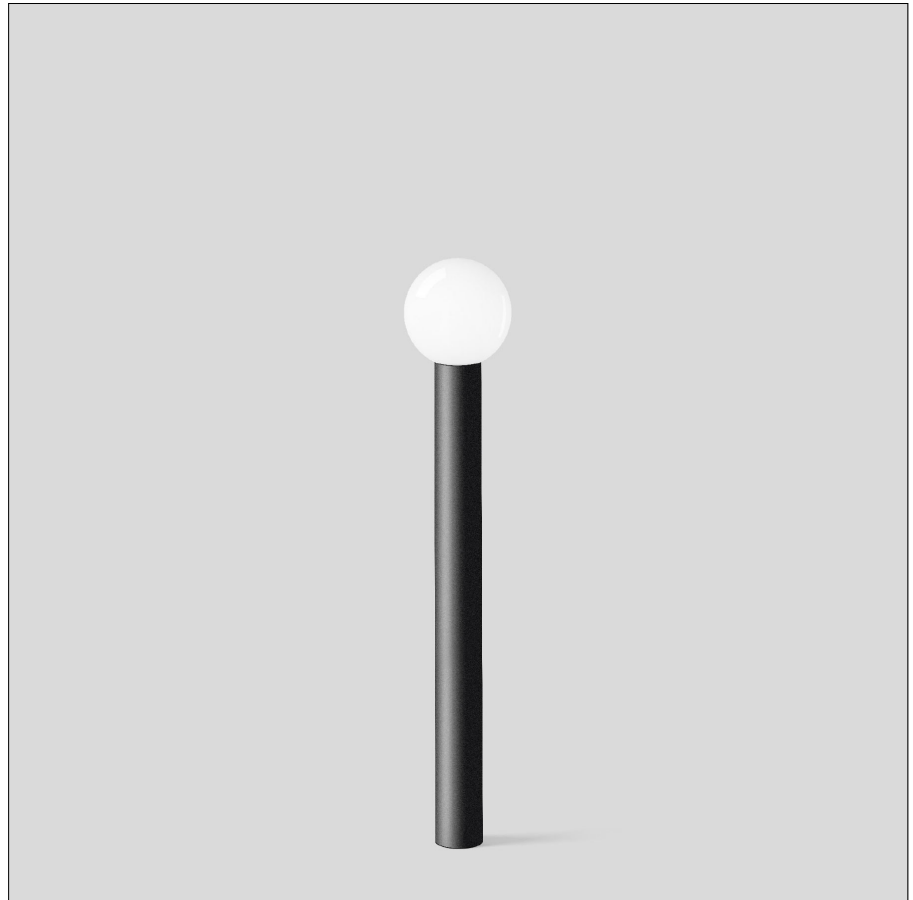
### Article No. 77 223

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  $5 \times 4$ <sup>□</sup>  
**71 053** Distribution box with 10 cable entries  
Connection terminals  $6 \times 16$ <sup>□</sup>

See the separate instructions for use.



### Light distribution

