

**BEGA****77 224**

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  
 BEGA Unidure® coating technology  
 Opal glass with screw neck  
 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  
 $\varnothing 5.5 \text{ mm}$  · Pitch  $120^\circ$  · Pitch circle  $\varnothing 60 \text{ mm}$   
 Connection set with gasket insert and drip-proof cap for through-wiring power connecting cables of  $\varnothing 10\text{--}13.5 \text{ mm}$ , max.  $3 \times 2.5^\square$   
 BEGA Ultimate Driver®  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-264 V  
 BEGA Thermal Switch®  
 Temporary thermal shutdown to protect temperature-sensitive components  
 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  
 – Conformity mark  
 Weight: 2.4 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

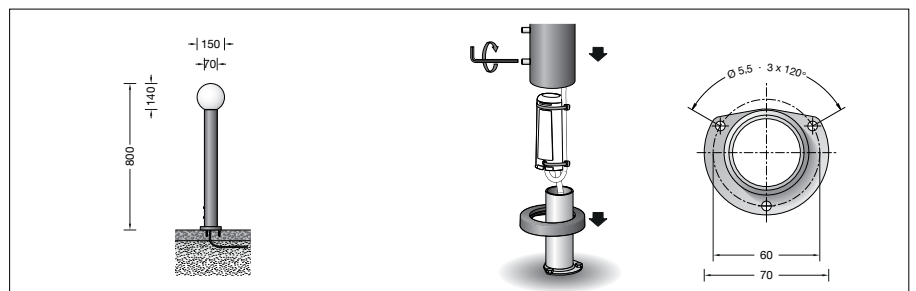
### Lamp

Module connected wattage	3.9 W
Luminaire connected wattage	5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 45^\circ\text{C}$

On request we can offer you modifications for environments with higher temperatures as a customized product.

### 77 224 K3

Module designation	LED-1209/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	580 lm
Luminaire luminous flux	539 lm
Luminaire luminous efficiency	107,8 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)
	100,000 h (L 90 B 50)

Ambient temperature $t_{a \text{ max}} = 45^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	175,000 h (L 80 B 50)

### Lighting technology

Recommended light point interval 6 m.

### Article No. 77 224

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

