

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° · 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
 $220\text{--}240 \text{ V} \sim 0/50\text{--}60 \text{ Hz}$
 $\text{DC } 176\text{--}264 \text{ V}$
 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 $< 0.35 \text{ joule}$
 – Safety mark
 – Conformity mark
 Weight: 2.4 kg

Inrush current

Inrush current: 7.8 A / 112 μs
 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

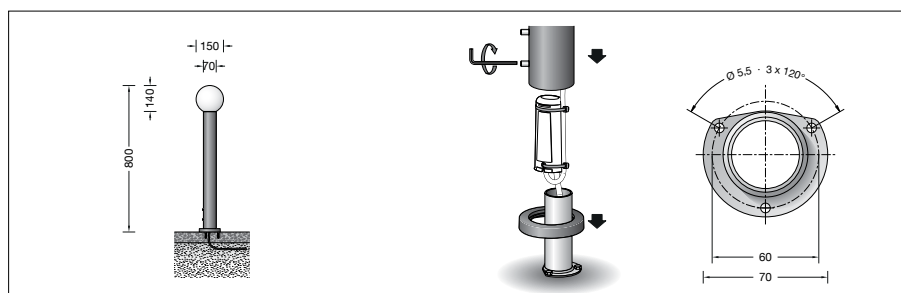
Lamp

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: $> 50,000 \text{ h}$
 LED module: $> 200,000 \text{ h}$ (L 80 B 50)
 $100,000 \text{ h}$ (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

