

BEGA**84 609**

Garden and pathway luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded LED garden and path luminaire with rotationally symmetrical light distribution for effective illumination in private gardens.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Crystal glass 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
 $\varnothing 6.5 \text{ mm} \cdot \text{Pitch } 120^\circ \cdot \text{Pitch circle } \varnothing 80 \text{ mm}$
 Line connector for mains supply cable up to $\varnothing 13 \text{ mm} \cdot \text{max. } 3 \times 2,5^\square$
 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 IK09
 Protection against mechanical impacts < 10 joule
 – Safety mark
 – Conformity mark
 Weight: 3.4 kg

Inrush current

Inrush current: 7 A / 112 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 38 luminaires
 B 16 A: 61 luminaires
 C 10 A: 64 luminaires
 C 16 A: 102 luminaires

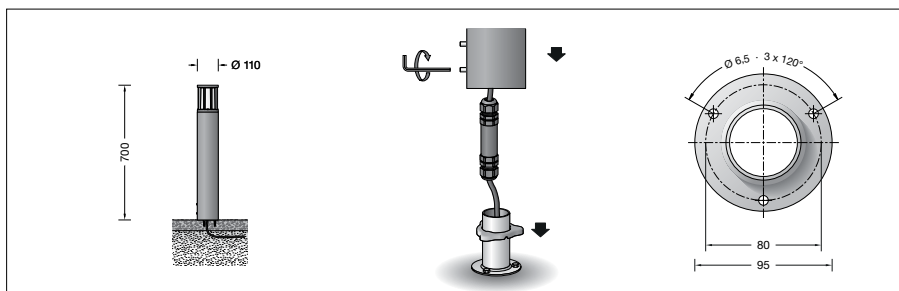
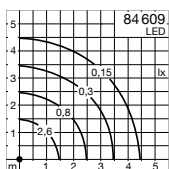
Lamp

Module connected wattage	2.9 W
Luminaire connected wattage	4 W
Rated temperature	$t_a = 25^\circ \text{C}$
Ambient temperature	$t_{a, \text{max}} = 60^\circ \text{C}$

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Module designation	LED-0280/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	465 lm
Luminaire luminous flux	206 lm
Luminaire luminous efficiency	51,5 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:	117,000 h (L 80 B 50)

Lighting technology

Recommended light point interval 4 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.

Article No. 84 609

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 \square
71 053 Distribution box with 10 cable entries
 Connection terminals 6 x 16 \square

See the separate instructions for use.