

BEGA**84 608**

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 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[□]
 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: 4.0 kg

Inrush current

Inrush current: 7 A / 112 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 38 luminaires
 B16A: 61 luminaires
 C10A: 64 luminaires
 C16A: 102 luminaires

Lamp

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

Service life · Ambient temperature

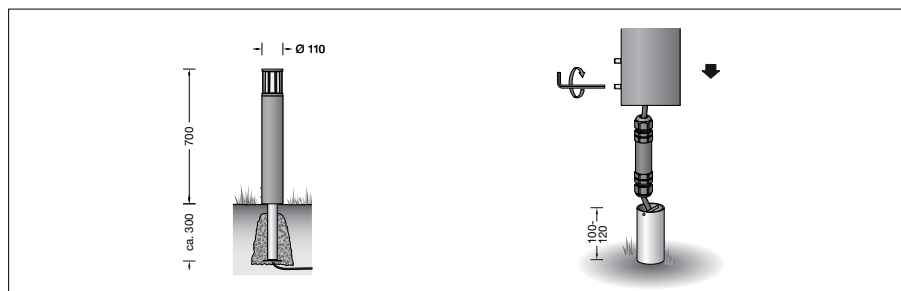
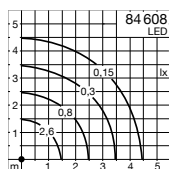
Rated temperature $t_a = 25$ °C
 LED psu: > 50,000 h
 LED module: > 200,000 h (L80 B50)
 100,000 h (L90 B50)

Ambient temperature $t_{a \max} = 60$ °C (100 %)
 LED psu: 50,000 h
 LED module: 117,000 h (L80 B50)

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.

Light distribution



Article No. 84 608

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[□]
71 053 Distribution box with 10 cable entries
 Connection terminals 6 x 16[□]

See the separate instructions for use.