

BEGA**84 607**

Garden and pathway luminaire



Project · Reference number

Date

Product data sheet

Application

LED garden and path luminaire with unshielded light. Trellised luminaire with square layout and thick-walled crystal glass 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
 $220\text{-}240 \text{ V} \sim 0/50\text{-}60 \text{ Hz}$
 $\text{DC } 176\text{-}264 \text{ V}$
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK06
 Protection against mechanical impacts < 1 joule
 – Safety mark
 – Conformity mark
 Weight: 4.5 kg

Inrush current

Inrush current: 7 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 2.9 W
 Luminaire connected wattage 4 W
 Rated temperature $t_a = 25^\circ \text{C}$
 Ambient temperature $t_{a \text{ max}} = 55^\circ \text{C}$

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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 262 lm
 Luminaire luminous efficiency 65,5 lm/W

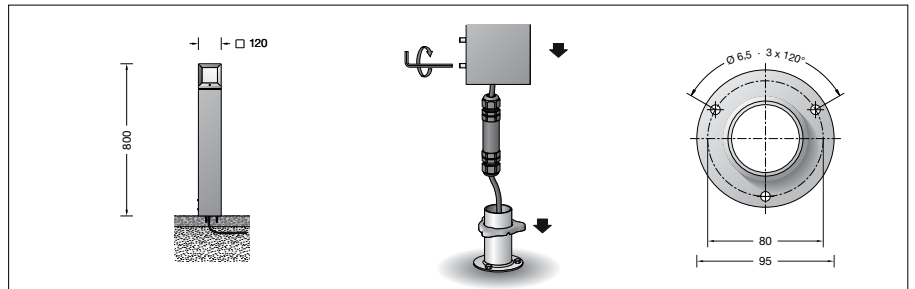
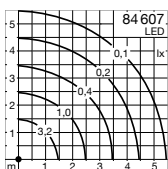
Service life · Ambient temperature

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 $t_{a \text{ max}} = 55^\circ \text{C}$ (100 %)
 LED psu: 50,000 h
 LED module: 145,000 h (L 80 B 50)
 100,000 h (L 80 B 50)

Light technique

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 you will find on the BEGA web page www.bega.com.
 Recommended light point interval 5 m

Light distribution



Article No. 84 607

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.