

BEGA**84 605**

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 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. $3 \times 2,5^{\square}$
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 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
CE – Conformity mark
Weight: 5,2 kg

Inrush current

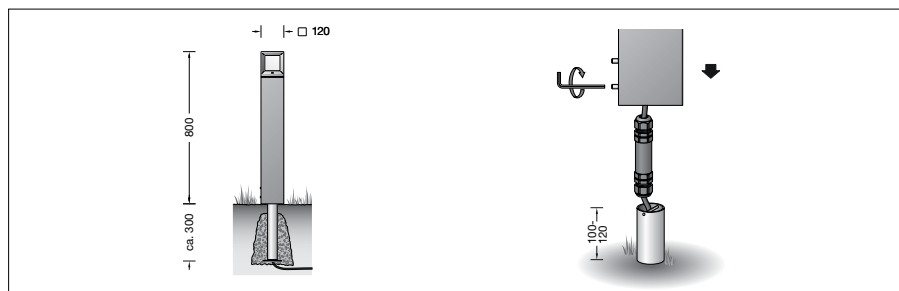
Inrush current: 7 A / 112 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 38 luminaires
B 16A: 61 luminaires
C 10A: 64 luminaires
C 16A: 102 luminaires

Lamp

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

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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 $t_{a \max} = 55^{\circ}\text{C}$ (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

Article No. 84 605

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

