

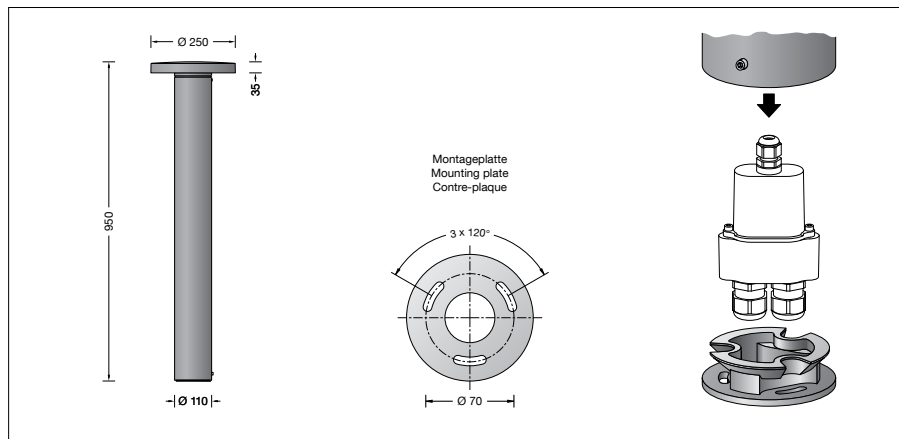
BEGA**88 261**

Garden and pathway luminaire



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Safety glass with optical structure
 Silicone gasket
 Reflector made of pure anodised aluminium
 Luminaire with mounting plate for bolting onto a foundation or an anchorage unit
 Mounting plate with 3 elongated holes, Width 7 mm, Pitch circle \varnothing 70 mm
 Luminaire can be aligned on the mounting plate around 360°
 Connection box with 2 screw cable glands for through-wiring power connecting cable \varnothing 8–17 mm, max. 5×4 □
 1 screw cable gland closed at the factory with a dummy plug
 LED power supply unit
 220–240 V \sim 0/50–60 Hz
 DC 196–250 V
 DALI-controllable
 Number of DALI addresses: 1
 Basic insulation is provided between the mains and control cables
 BEGA Thermal Control®
 Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK08
 Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
 Weight: 5.0 kg
 This product contains light sources of energy efficiency class(es) C

Application

Garden and path luminaire with shielded, flat beam light directed downwards.
 Luminaire for illuminating entrances, footpaths as well as many areas of garden and landscape architecture.

Dark Sky

The light of this luminaire is directed evenly and highly efficiently onto the surface to be illuminated. No light is emitted into the upper half-space of the luminaire.

Lamp

Module connected wattage	15.4 W
Luminaire connected wattage	17.4 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 50$ °C

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Module designation	2x LED-0434/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2860 lm
Luminaire luminous flux	1868 lm
Luminaire luminous efficiency	107,4 lm/W

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Module designation	2x LED-0434/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3020 lm
Luminaire luminous flux	1973 lm
Luminaire luminous efficiency	113,4 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 max. $t_a = 50$ °C (100 %)

LED psu:	50,000 h
LED module:	197,000 h (L80 B50)

Inrush current

Inrush current: 5 A / 50 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 31 luminaires
 B16A: 50 luminaires
 C10A: 52 luminaires
 C16A: 85 luminaires

Ratio of luminous flux

Luminous flux upper half-space	0 %
Luminous flux lower half-space	100 %

BUG rating according to IES TM-15-07:

1–0*–1

CEN Flux Code according to EN 13032-2:

31–61–94–100–100

* The measured value above 90° including stray light (reflection on the luminaire housing) is U1. However, the luminaire does not emit direct light upwards - due to the upper luminous flux component (less than 0.5%), the value U0 is assigned. Further information on request.

Lighting technology

Luminaire data for the DIALux lighting design program 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.

Accessory

70 894 Anchorage unit
 Anchorage unit with mounting flange made of galvanised steel. Total length 400 mm.
 3 stainless steel fixing screws M 6.
 Pitch circle \varnothing 70 mm.

See the separate instructions for use.

Article No. 88 261

LED colour temperature optionally 3000 K or 4000 K
 3000 K – Article number + **K3**
 4000 K – Article number + **K4**

Colour graphite or silver
 graphite – article number
 silver – article number + **A**

Light distribution