

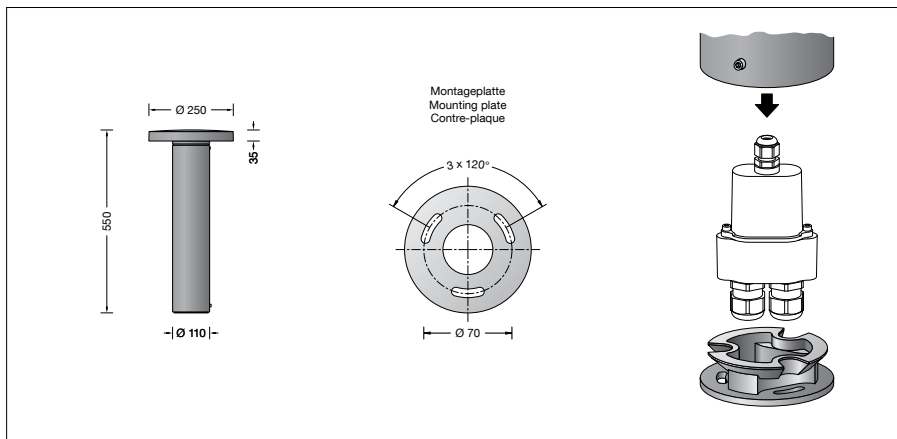
**BEGA****84 751**

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  
 Clear safety glass  
 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.  $5 \times 4$ □  
 1 screw cable gland closed at the factory with a dummy plug  
 Complies with flicker requirements in accordance with IEC 1789, DIN IEC/TR 63158, DIN IEC/TR 61547-1  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-276 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: 4.0 kg  
 This product contains light sources of energy efficiency class(es) B, C

**Application**

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

**Lamp**

Module connected wattage	7.6 W
Luminaire connected wattage	9.4 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 60$ °C

**84 751 K3**

Module designation	2x LED-1142/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1470 lm
Luminaire luminous flux	954 lm
Luminaire luminous efficiency	101,5 lm/W

**84 751 K4**

Module designation	2x LED-1142/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1560 lm
Luminaire luminous flux	1010 lm
Luminaire luminous efficiency	107,4 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

Ambient temperature max.  $t_a = 60$  °C (100 %)

LED psu:	50,000 h
LED module:	195,000 h (L 80 B 50)

**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](http://www.bega.com).

**Dark Sky**

The light from this luminaire is directed evenly and highly efficiently onto the surface to be illuminated. Less than 1 % of the luminaire luminous flux is emitted into the upper half-space of the luminaire.

**Inrush current**

Inrush current: 4.2 A / 30  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10 A: 50 luminaires  
 B 16 A: 50 luminaires  
 C 10 A: 50 luminaires  
 C 16 A: 50 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\*–0

CEN Flux Code according to EN 13032-2:  
 33–67–95–100–100

\* 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.

**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. 84 751**

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**