

BEGA**84 310**

Garden and pathway luminaire

IP 65

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 cast aluminium, aluminium and stainless steel
 BEGA Unidure® coating technology
 Opal glass with screw neck
 Silicone gasket
 Luminaire with anchorage unit for fixing in the soil
 The anchorage unit is made of galvanised steel according to EN ISO 1461
 Mounting bracket with connection box and 3-pole terminal 4[□] for connection of mains supply cable max. 3 × 2.5[□]
 LED power supply unit
 220-240 V ~ 0/50-60 Hz
 DC 176-264 V
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK05
 Protection against mechanical impacts < 0.7 joule
CE – Conformity mark
 Weight: 4.8 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

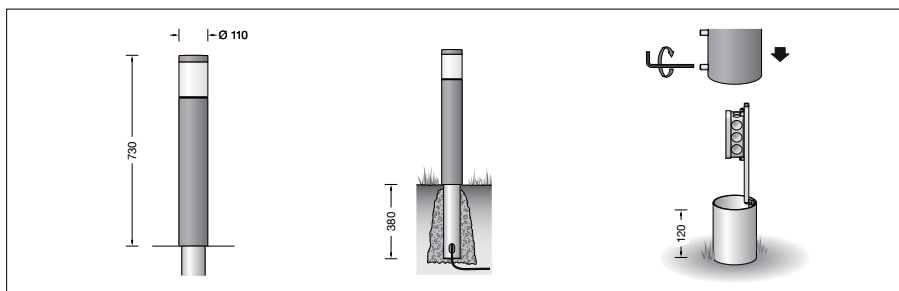
Module connected wattage 3.9 W
 Luminaire connected wattage 5 W
 Rated temperature $t_a = 25\text{ °C}$
 Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$

84 310 K3

Module designation LED-0265/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 750 lm
 Luminaire luminous flux 463 lm
 Luminaire luminous efficiency 92,6 lm/W

84 310 K4

Module designation LED-0265/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 770 lm
 Luminaire luminous flux 475 lm
 Luminaire luminous efficiency 95 lm/W

**Service life · Ambient temperature**

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

Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ (100 %)
 LED psu: 50,000 h
 LED module: 153,000 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 7 m.

Article No. 84 310

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