

BEGA**84 417**

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 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 9 mm · Pitch 120° · Pitch circle \varnothing 65 mm
 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 \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 IK05
 Protection against mechanical impacts < 0.7 joule
CE – Conformity mark
 Weight: 3.2 kg

Lamp

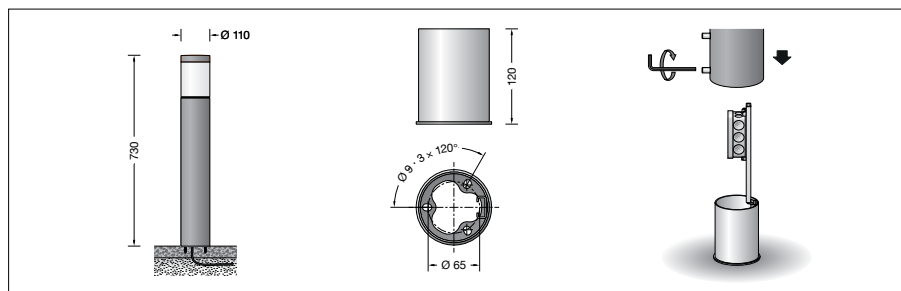
Module connected wattage 3.9 W
 Luminaire connected wattage 5 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 50$ °C

84 417 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

84 417 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 $t_a = 25$ °C
 LED psu: > 50,000 h
 LED module: > 200,000 h (L80 B50)
 100,000 h (L90 B50)

Ambient temperature $t_{a \max} = 50$ °C (100 %)
 LED psu: 50,000 h
 LED module: 153,000 h (L80 B50)

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

Article No. 84 417

LED colour temperature optionally 3000K or 4000K

3000 K – Article number + **K3**
 4000 K – Article number + **K4**

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

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.

Light distribution