

BEGA**84 429**

Garden and pathway luminaire

IP 65

Project · Reference number

Date

Product data sheet**Application**

Unshielded LED garden and path luminaire with safety guard. Light exit 360°.
With hand-blown, three-ply opal glass and pleasantly uniform light effect 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
ø 9 mm · Pitch 120° · Pitch circle ø 65 mm
Mounting bracket with connection box and 3-pole terminal 4² for connection of mains supply cable max. 3 × 2.5²
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 176-264 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect temperature-sensitive components
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK08
Protection against mechanical impacts < 5 joule
CE – Conformity mark
Weight: 3.7 kg

Lamp

Module connected wattage 3.9 W
Luminaire connected wattage 5 W
Rated temperature $t_a = 25\text{ °C}$
Ambient temperature $t_{a\text{ max}} = 45\text{ °C}$

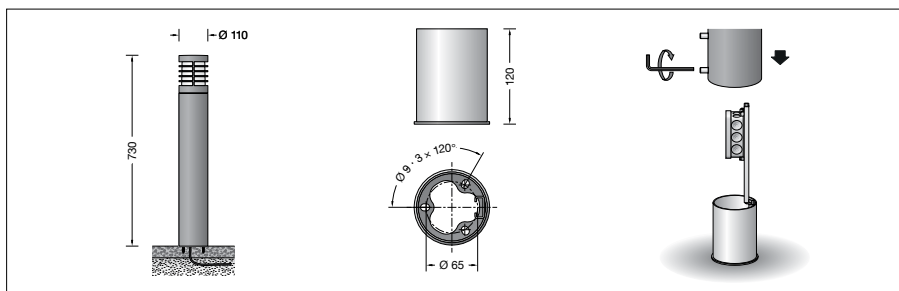
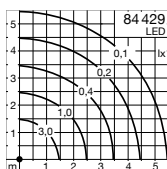
On request we can offer you modifications for environments with higher temperatures as a customized product.

84 429 K3

Module designation LED-0794/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 750 lm
Luminaire luminous flux 190 lm
Luminaire luminous efficiency 38 lm/W

84 429 K4

Module designation LED-0794/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 770 lm
Luminaire luminous flux 195 lm
Luminaire luminous efficiency 39 lm/W

Light distribution**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 $t_{a\text{ max}} = 45\text{ °C}$ (100 %)
LED psu: 50,000 h
LED module: 97,000 h (L 80 B 50)
100,000 h (L 70 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 4.5 m

Inrush current

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

Article No. 84 429

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**