

BEGA**84 418**

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
 $\varnothing 9 \text{ mm}$ · Pitch 120° · Pitch circle $\varnothing 65 \text{ mm}$
 Mounting bracket with connection box for through-wiring of up to $5 \times 2,5^2$
 LED power supply unit
 $220\text{-}240 \text{ V} \sim 0/50\text{-}60 \text{ Hz}$
 $\text{DC } 176\text{-}276 \text{ V}$
 DALI controllable
 A basic isolation exists between power cable and control line
 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 IK04
 Protection against mechanical impacts $< 0.5 \text{ joule}$
CE – Conformity mark
 Weight: 6.0 kg

Lamp

Module connected wattage	8,2 W
Luminaire connected wattage	10 W
Rated temperature	$t_a = 25^\circ \text{C}$
Ambient temperature	$t_{a \text{ max}} = 45^\circ \text{C}$

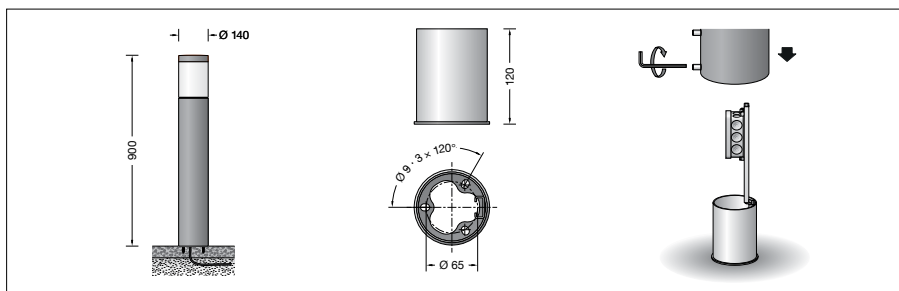
On request we can offer you modifications for environments with higher temperatures as a customized product.

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Module designation	LED-0292/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1125 lm
Luminaire luminous flux	728 lm
Luminaire luminous efficiency	72,8 lm/W

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Module designation	LED-0292/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1125 lm
Luminaire luminous flux	728 lm
Luminaire luminous efficiency	72,8 lm/W

**Service life · Ambient temperature**

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

Ambient temperature $t_{a \text{ max}} = 45^\circ \text{C}$ (100 %)	
LED psu:	$50,000 \text{ h}$
LED module:	$116,000 \text{ h (L.80 B.50)}$

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 9 m.

Inrush current

Inrush current: $4 \text{ A} / 30 \mu\text{s}$
 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

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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