

BEGA**84 430**

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 for through-wiring of up to 5 × 2,5²
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 176-276 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 IK09
Protection against mechanical impacts < 10 joule
CE – Conformity mark
Weight: 6.8 kg

Lamp

Module connected wattage	8.2 W
Luminaire connected wattage	10 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a,max} = 45\text{ °C}$

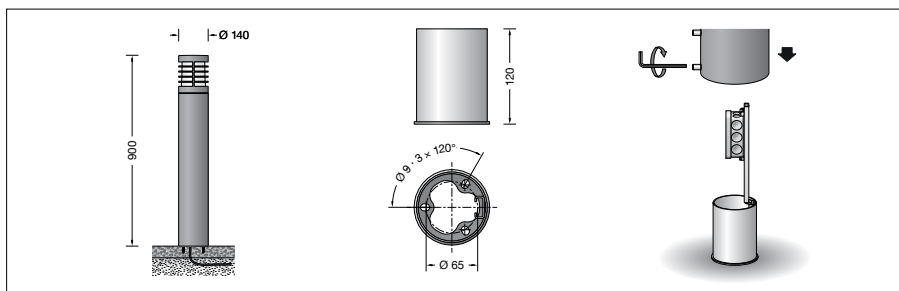
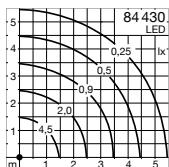
On request we can offer you modifications for environments with higher temperatures as a customized product.

84 430 K3

Module designation	LED-0292/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1125 lm
Luminaire luminous flux	352 lm
Luminaire luminous efficiency	35,2 lm/W

84 430 K4

Module designation	LED-0292/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1125 lm
Luminaire luminous flux	352 lm
Luminaire luminous efficiency	35,2 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 $t_{a,max} = 45\text{ °C}$ (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 6 m.

Inrush current

Inrush current: 4 A / 30 μ 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

Article No. 84 430

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**