

BEGA**84 424**

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 180°. 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
 \varnothing 9 mm · Pitch 120° · Pitch circle \varnothing 65 mm
 Mounting bracket with connection box for through-wiring of up to 5 × 2,5²
 LED power supply unit
 220-240 V \sim 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	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a, \text{max}} = 45^\circ\text{C}$

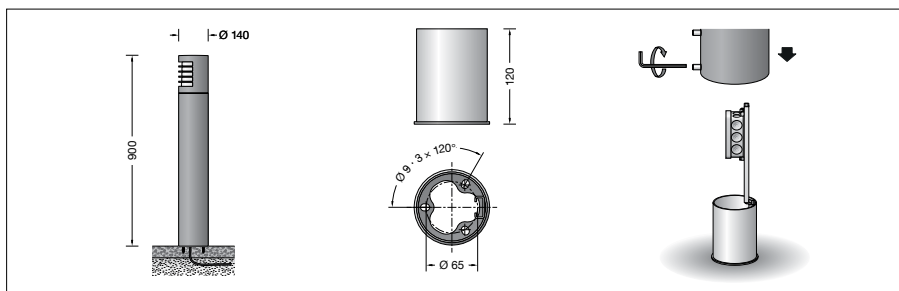
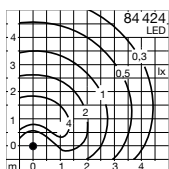
On request we can offer you modifications for environments with higher temperatures as a customized product.

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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	180 lm
Luminaire luminous efficiency	18 lm/W

84 424 K4

Module designation	LED-0292/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1125 lm
Luminaire luminous flux	180 lm
Luminaire luminous efficiency	18 lm/W

Light distribution**Service life · Ambient temperature**

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

Ambient temperature $t_{a, \text{max}} = 45^\circ\text{C}$ (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 μs
 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. 84 424

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**