

BEGA**84 327**

Garden and pathway luminaire

IP 65

Project · Reference number

Date

Product data sheet**Application**

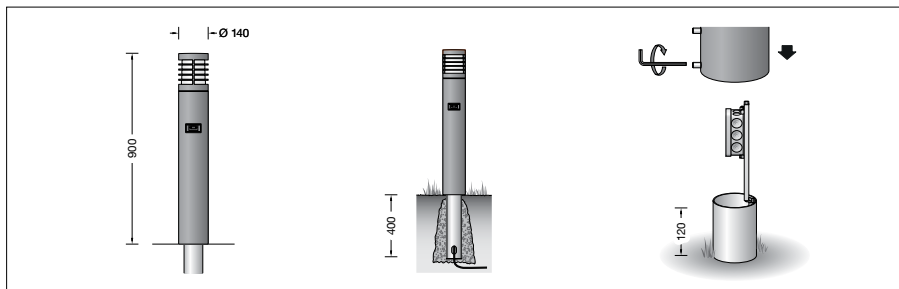
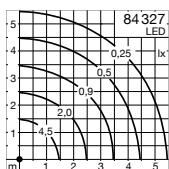
Unshielded LED garden and path luminaire with safety guard. Light exit 360°. With hand-blown, three-ply opal glass and pleasantly uniform light effect for effective illumination in private gardens. The integrated passive infrared motion and light sensor responds to heat radiation and activates in case of human or animal movement in the vicinity of the sensor. Configuration is done via Bluetooth and the free BEGA Tool app.

Product description

Luminaire made of cast aluminium, aluminium and stainless steel
Opal glass with screw neck
Silicone gasket
Luminaire with anchorage unit for fixing in the soil
The anchorage unit is made of galvanised steel according to EN ISO 1461
Mounting bracket with connection box for through-wiring up to 3 × 2,5²
Passive infrared motion sensor (PIR)
Range up to 12 m
Opening angle 120° - 150°
Minimum temperature difference between moving object and environment 4 °C
Object speed 1 m/s
Adjustable sensitivity of the motion sensor (inertia)
Shut-down delay adjustable between 5 s and 240 min
Light sensor: adjustable value range from darkness to daylight
Fixed hysteresis for suppression of rapid brightness fluctuations
Transmission frequency range: 2400 - 2483,5 MHz
Maximum transmission output: 10 mW
Luminaire switchable via relay output (on/off)
Relay contact with a switching capacity of 4430 W · 16 A at $\cos \varphi = 1$
2600 VA at $\cos \varphi = 0.5$
Please note the starting current of the switching loads – max. 100 A
Ambient temperature: -25°C to +55°C
LED power supply unit
Starting current: 20 A (80 μs)
220-240 V ~ 50-60 Hz
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
CE – Conformity mark

Inrush current

Inrush current: 20 A / 80 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 35 luminaires
B16A: 56 luminaires
C10A: 58 luminaires
C16A: 94 luminaires

Light distribution**Lamp**

Module connected wattage	8.2 W
Luminaire connected wattage	10.4 W
Rated temperature	$t_a = 25 \text{ °C}$
Service life criteria	50 000 h/L ₇₀

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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	352 lm
Luminaire luminous efficiency	33,8 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	352 lm
Luminaire luminous efficiency	33,8 lm/W

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.

Article No. 84 327

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**