

**BEGA****84 423**

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 and 3-pole terminal 4<sup>2</sup> for connection of mains supply cable max. 3 × 2.5<sup>2</sup>  
 LED power supply unit  
 220-240 V  $\sim$  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	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^\circ\text{C}$

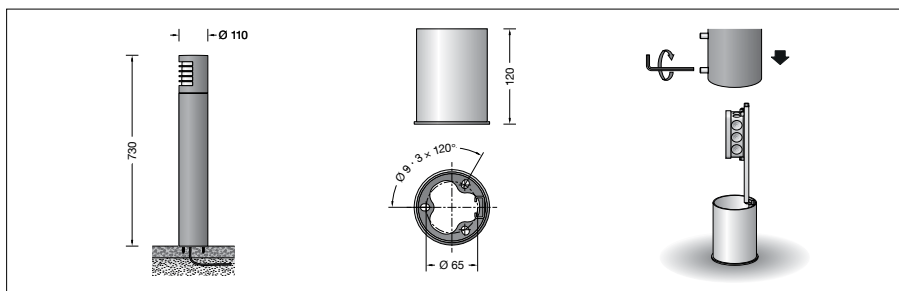
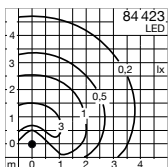
On request we can offer you modifications for environments with higher temperatures as a customized product.

**84 423 K3**

Module designation	LED-0794/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	750 lm
Luminaire luminous flux	99 lm
Luminaire luminous efficiency	19,8 lm/W

**84 423 K4**

Module designation	LED-0794/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	770 lm
Luminaire luminous flux	101 lm
Luminaire luminous efficiency	20,2 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 (L80 B50)
	100,000 h (L90 B50)

Ambient temperature $t_{a\text{max}} = 45^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	97,000 h (L80 B50)
	100,000 h (L70 B50)

**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](http://www.bega.com).  
 Recommended light point interval 4.5 m

**Inrush current**

Inrush current: 7 A / 112  $\mu\text{s}$   
 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. 84 423**

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**