

BEGA**84 316**

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 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 and 3-pole terminal 4[□] for connection of mains supply cable max. 3 × 2.5[□]
 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: 5.2 kg

Lamp

Module connected wattage	3.9 W
Luminaire connected wattage	5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 45\text{ °C}$

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

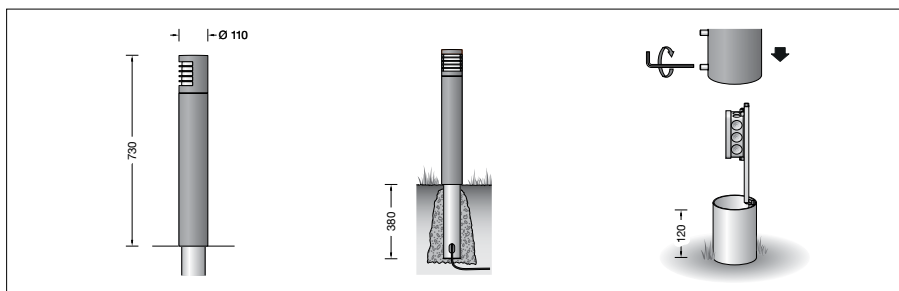
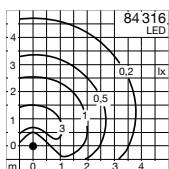
84 316 K3

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

84 316 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 $t_a = 25\text{ °C}$	
LED psu:	> 50,000h
LED module:	> 200,000h (L80 B50) 100,000h (L90 B50)

Ambient temperature $t_{a\text{ max}} = 45\text{ °C}$ (100 %)	
LED psu:	50,000h
LED module:	97,000h (L80 B50) 100,000h (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.
 Recommended light point interval 4.5 m

Inrush current

Inrush current: 7 A / 112 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 38 luminaires
 B 16A: 61 luminaires
 C 10A: 64 luminaires
 C 16A: 102 luminaires

Article No. 84 316

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**