

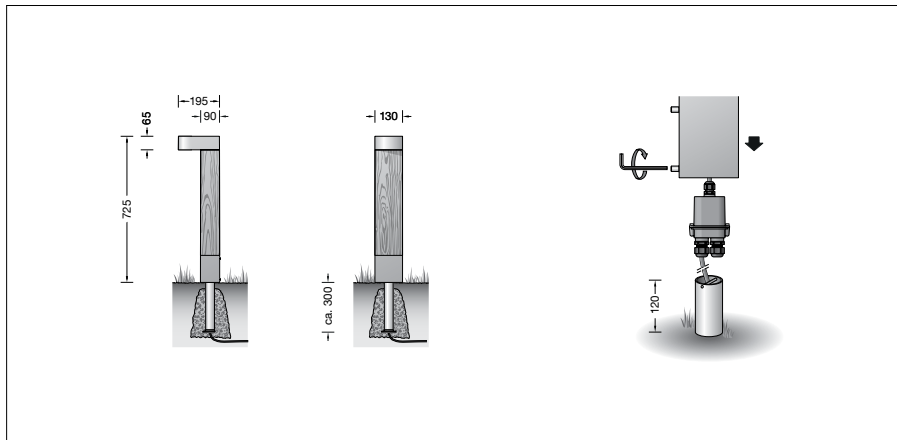
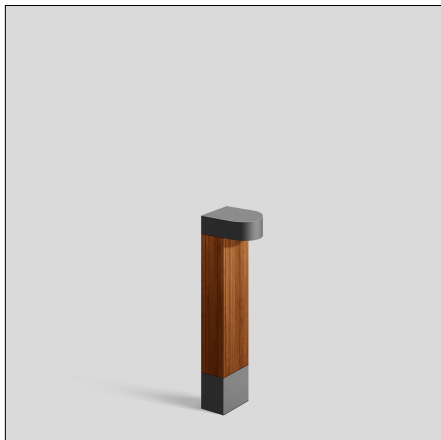
**BEGA****84 480**

Garden and pathway luminaire



Project · Reference number

Date



## Product data sheet

**Product description**

Bollard tube made of Accoya® wood, cast aluminium, aluminium and stainless steel  
 Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Colour graphite or silver  
 Safety glass with optical structure  
 Reflector surface made of pure aluminium  
 Luminaire with anchorage unit for fixing in the soil  
 The anchorage unit is made of galvanised steel according to EN ISO 1461  
 Connection box with 2 cable entries for through-wiring of the mains supply cable from  $\varnothing$  5-13 mm, max.  $3 \times 2,5^2$   
 BEGA Ultimate Driver®  
 Complies with flicker requirements in accordance with IEEE 1789, DIN IEC/TR 63158, DIN IEC/TR 61547-1  
 LED power supply unit  
 220-240 V  $\sphericalangle$  0/50-60 Hz  
 DC 176-280 V  
 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 IK06  
 Protection against mechanical impacts < 1 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 5.8 kg  
 This product contains light sources of energy efficiency class(es) D

**Application**

Garden and pathway luminaires with downward-directed light for effective lighting in private gardens.  
 Luminaire for the uniform and glare-free illumination of ground surfaces.

**Lamp**

Module connected wattage 4 W  
 Luminaire connected wattage 5 W  
 Rated temperature  $t_a = 25^\circ\text{C}$   
 Ambient temperature  $t_{a\text{ max}} = 50^\circ\text{C}$

**84 480 K3**

Module designation 2x LED-0234/830  
 Colour temperature 3000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 690 lm  
 Luminaire luminous flux 371 lm  
 Luminaire luminous efficiency 74,2 lm/W

**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 max.  $t_a = 50^\circ\text{C}$  (100 %)

LED psu: 50,000 h  
 LED module: 155,000 h (L80 B50)

**Lighting technology**

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at [www.bega.com](http://www.bega.com).  
 Recommended light point interval 6.5 m

**Inrush current**

Inrush current: 5 A / 40  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 50 luminaires  
 B 16A: 50 luminaires  
 C 10A: 80 luminaires  
 C 16A: 80 luminaires

**Ratio of luminous flux**

Luminous flux upper half-space 0 %  
 Luminous flux lower half-space 100 %

BUG rating according to IES TM-15-07: 0-0\*-0

CEN Flux Code according to EN 13032-2: 28-69-95-100-100

\* The measured value above  $90^\circ$  including stray light (reflection on the luminaire housing) is U1. However, the luminaire does not emit direct light upwards - due to the upper luminous flux component (less than 0.5%), the value U0 is assigned. Further information on request.

**Accessories**

**70 730** Distribution box for installation in soil with 7 cable entries  
 Connection terminals  $5 \times 4^2$

A separate instructions for use can be provided upon request.

**Article No. 84 480**

Colour graphite or silver  
 graphite – article number  
 silver – article number + **A**

**Light distribution**