

**BEGA****84 498**

Garden and pathway luminaire

IP 65

Project · Reference number

Date

**Product data sheet****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.

**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  
 Safety glass with optical structure  
 Reflector surface made of pure aluminium  
 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  
 $\varnothing$  5.5 mm · Pitch 120° · Pitch circle  $\varnothing$  60 mm  
 Connection box with 2 cable entries for through-wiring of the mains supply cable from  $\varnothing$  5-13 mm, max. 3 × 2,5<sup>□</sup>  
 BEGA Ultimate Driver®  
 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  
**CE** – Conformity mark  
 Weight: 5.2 kg

**Inrush current**

Inrush current: 7 A / 112  $\mu$ 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

**Lamp**

Module connected wattage 4.2 W

Luminaire connected wattage 5.3 W

Rated temperature  $t_a = 25$  °C

Ambient temperature  $t_{a \max} = 40$  °C

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

**84 498 K3**

Module designation 2x LED-0234/830

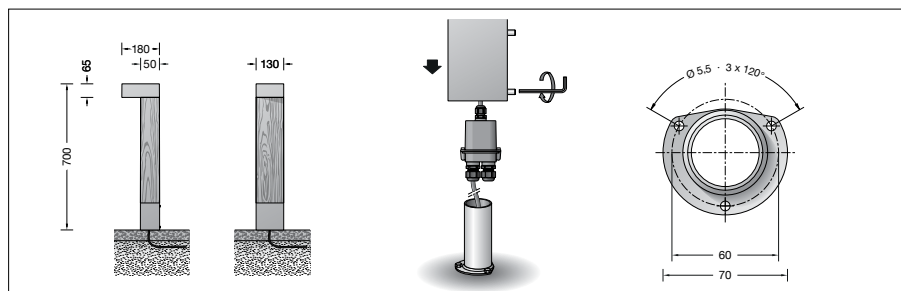
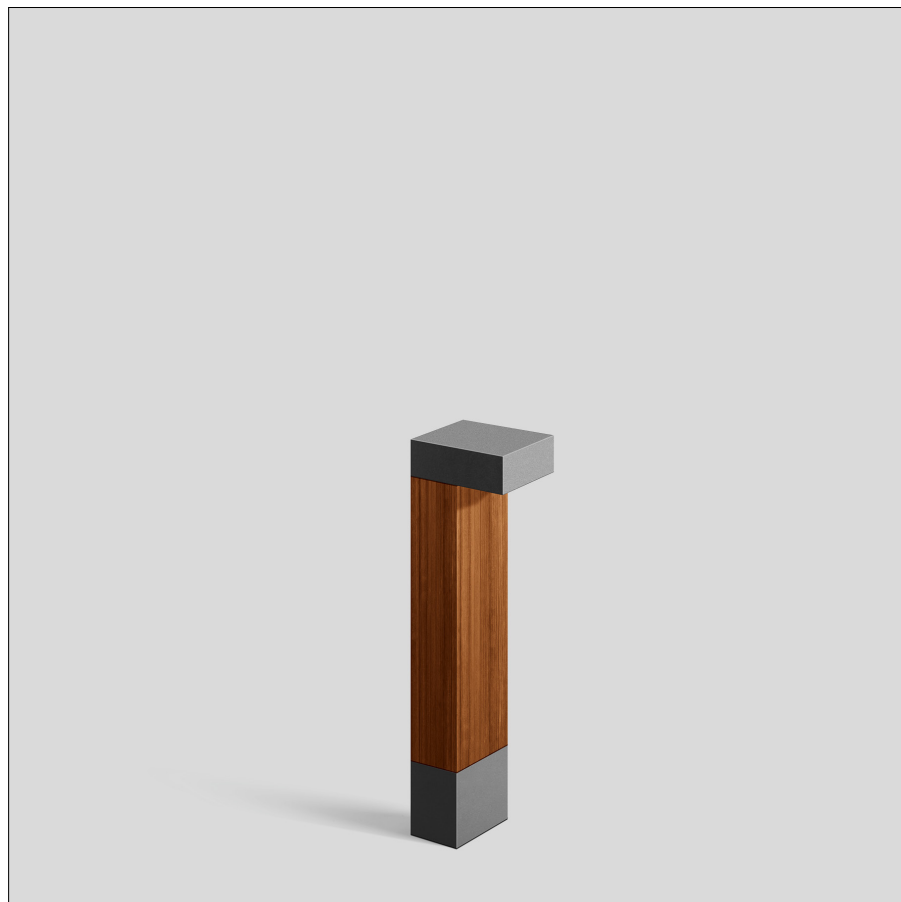
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 560 lm

Luminaire luminous flux 371 lm

Luminaire luminous efficiency 70 lm/W

**Service life · Ambient temperature**

Rated temperature  $t_a = 25$  °C

LED psu: > 50,000 h

LED module: > 200,000 h (L 80 B 50)  
 100,000 h (L 90 B 50)

Ambient temperature  $t_{a \max} = 40$  °C (100 %)

LED psu: 50,000 h

LED module: 164,000 h (L 80 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](http://www.bega.com).

Recommended light point interval 6.5 m.

**Article No. 84 498**

Colour graphite or silver

graphite – article number

silver – article number + **A**

**Accessories**

Distribution box for installation in soil

**70 730** Distribution box with 7 cable entries

Connection terminals 5 × 4<sup>□</sup>

**71 053** Distribution box with 10 cable entries

Connection terminals 6 × 16<sup>□</sup>

A separate instructions for use can be provided upon request.