

**BEGA****84 499**

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 x 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  
 Impact strength IK07  
 Protection against mechanical impacts < 2 joule  
**CE** – Conformity mark  
 Weight: 5.2 kg

### Lamp

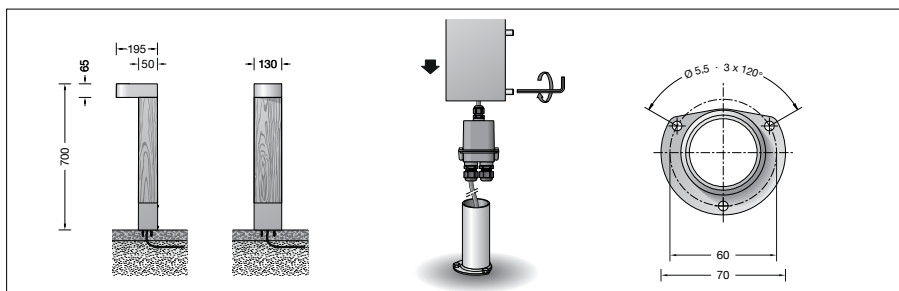
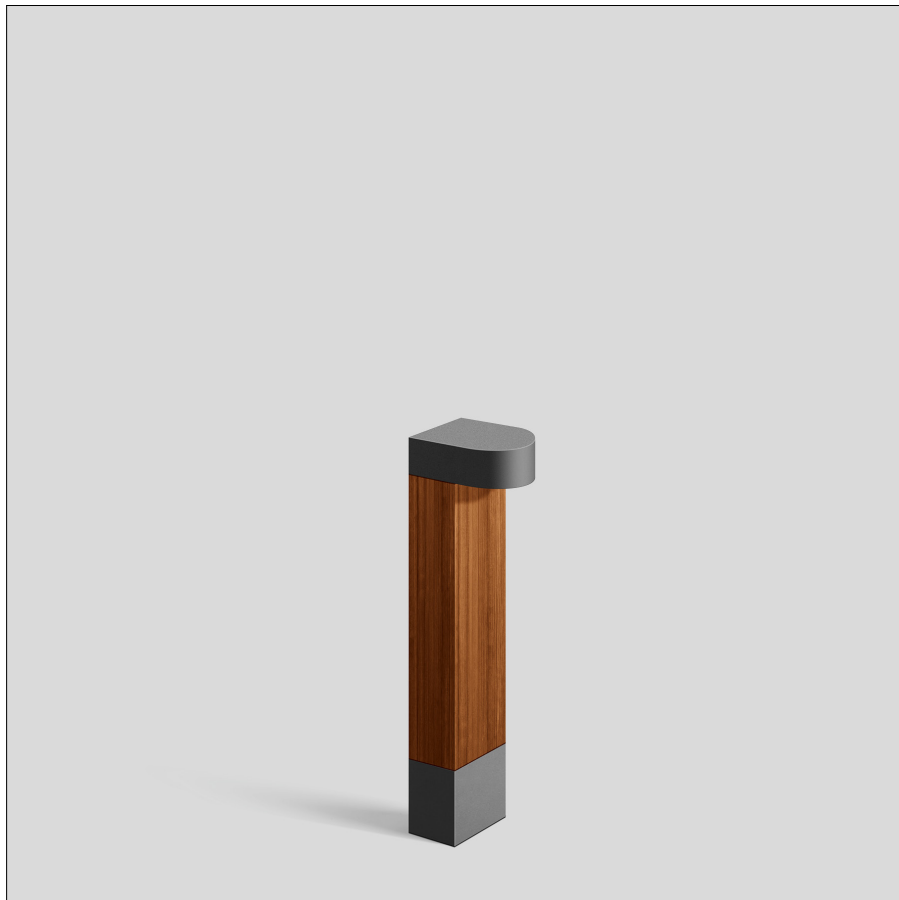
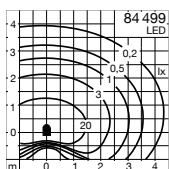
Module connected wattage	4.2 W
Luminaire connected wattage	5.3 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

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

### 84 499 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

### Light distribution



### Service life · Ambient temperature

Rated temperature  $t_a = 25$  °C  
 LED psu: > 50,000 h  
 LED module: > 200,000 h (L80 B50)  
 100,000 h (L90 B50)

Ambient temperature  $t_{a \max} = 40$  °C (100 %)  
 LED psu: 50,000 h  
 LED module: 164,000 h (L80 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 6.5 m.

### 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

### Article No. 84 499

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 x 4<sup>□</sup>  
**71 053** Distribution box with 10 cable entries  
 Connection terminals 6 x 16<sup>□</sup>

A separate instructions for use can be provided upon request.