

**BEGA****84 480**

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 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.  $3 \times 2,5^{\square}$

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: 5.8 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  $t_a = 25^{\circ}\text{C}$

Ambient temperature  $t_{a, \text{max}} = 40^{\circ}\text{C}$

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

### 84 480 K3

Module designation 2x LED-0234/830

Colour temperature 3000 K

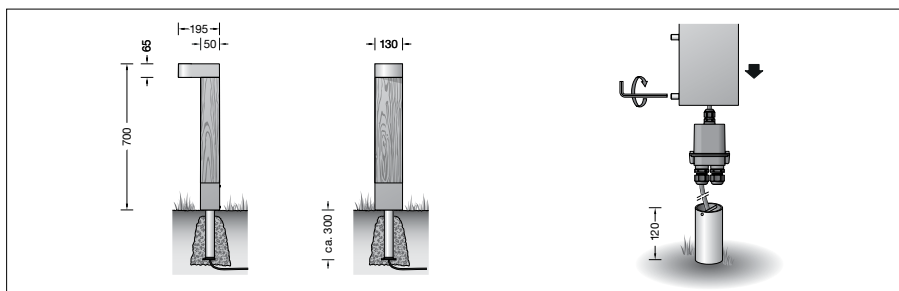
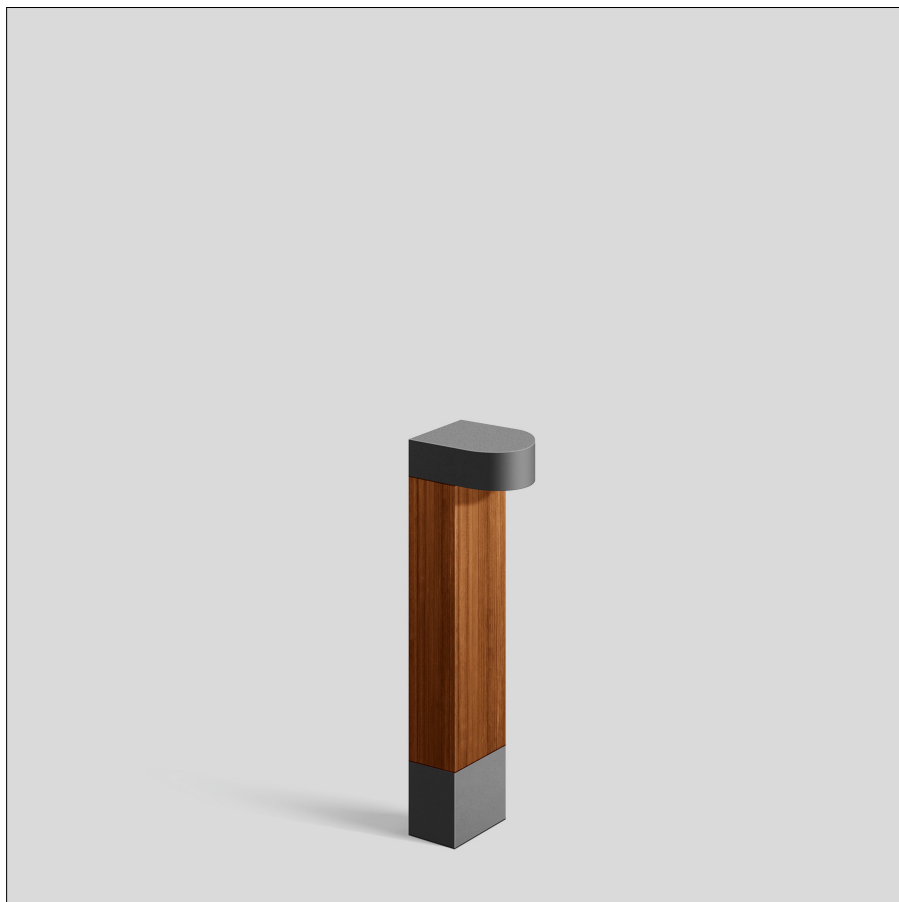
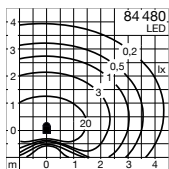
Colour rendering index CRI > 80

Module luminous flux 560 lm

Luminaire luminous flux 371 lm

Luminaire luminous efficiency 70 lm/W

### Light distribution



### Service life · Ambient temperature

Rated temperature  $t_a = 25^{\circ}\text{C}$

LED psu: > 50,000 h

LED module: > 200,000 h (L80 B50)  
100,000 h (L90 B50)

Ambient temperature  $t_{a, \text{max}} = 40^{\circ}\text{C}$  (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.

### Article No. 84 480

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  $5 \times 4^{\square}$

**71 053** Distribution box with 10 cable entries  
Connection terminals  $6 \times 16^{\square}$

A separate instructions for use can be provided upon request.