

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

Ø 5.5 mm · Pitch 120° · Pitch circle Ø 60 mm

Connection box with 2 cable entries for

through-wiring of the mains supply cable from Ø 5-13 mm, max. 3 x 2,5[□]

BEGA Ultimate Driver®

LED power supply unit

220-240 V ~ 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 µs

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.

84 498 K3

Module designation 2x LED-0234/830

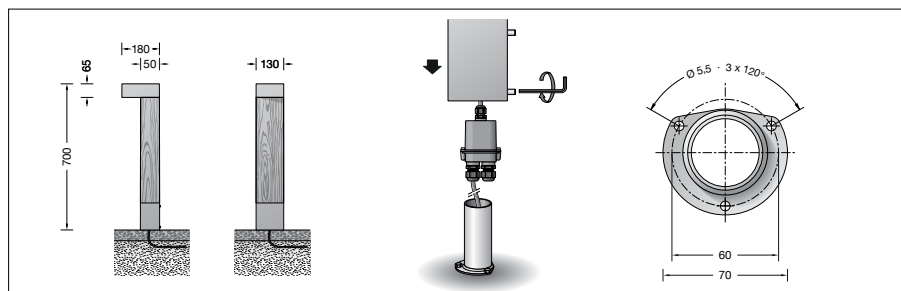
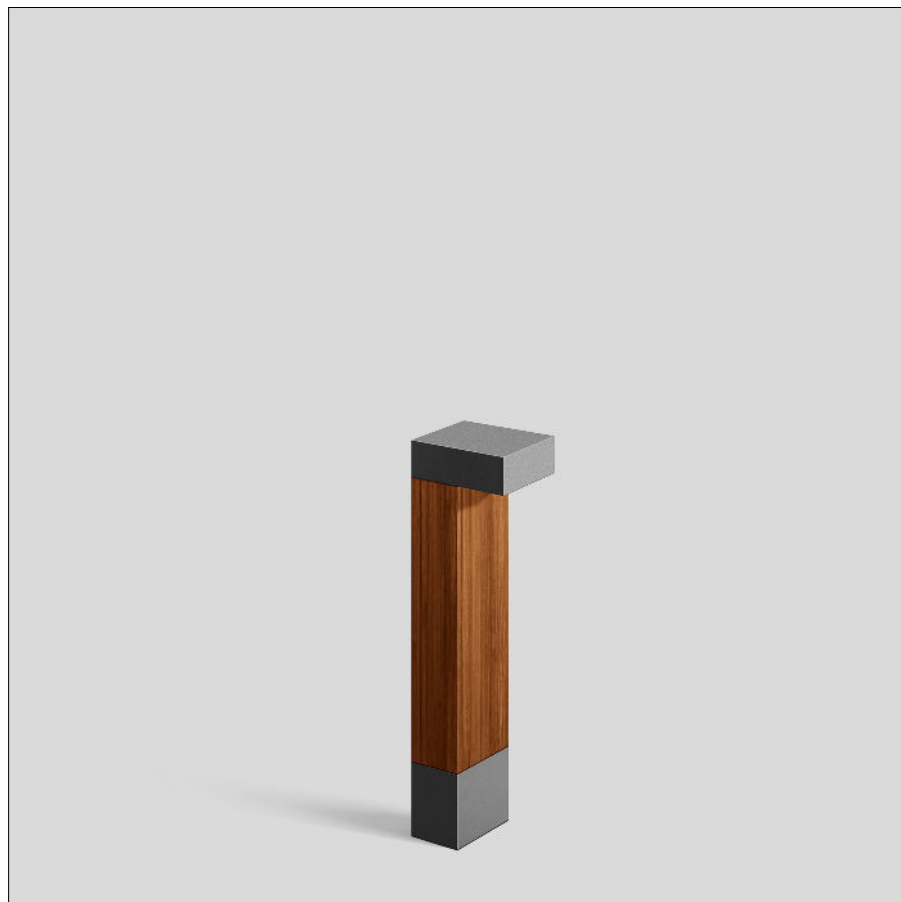
Colour temperature 3000 K

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

LED psu: > 50,000 h

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

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

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 x 4[□]

71 053 Distribution box with 10 cable entries
Connection terminals 6 x 16[□]

A separate instructions for use can be provided upon request.