

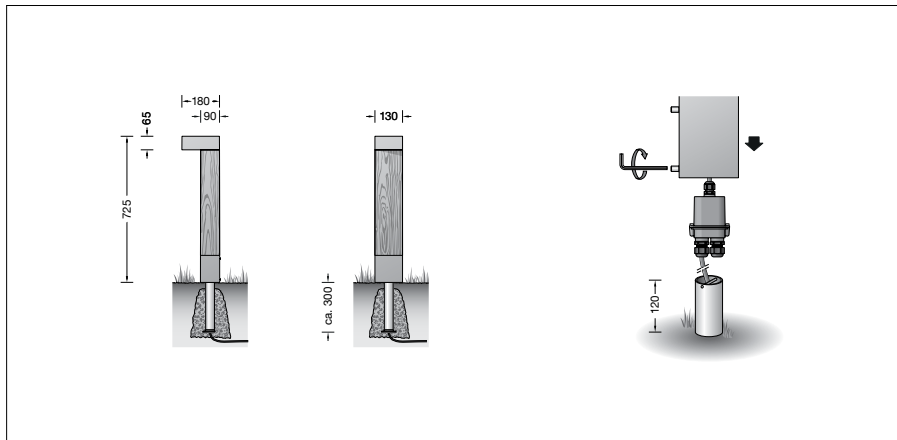
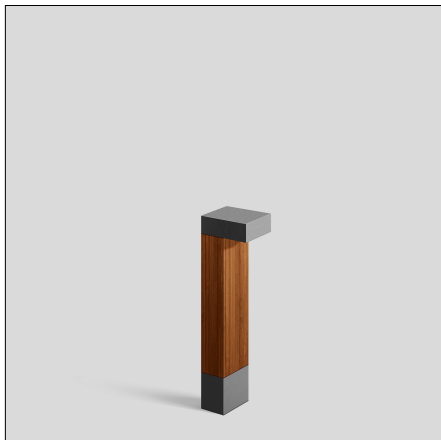
BEGA**84 479**

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

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 $\sim$ 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 4.9 W

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

Ambient temperature $t_{a, \max} = 50^{\circ}\text{C}$

84 479 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 75,7 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 max. $t_a = 50^{\circ}\text{C}$ (100 %)

LED psu: 50,000 h

LED module: 155,000 h (L 80 B 50)

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.

Recommended light point interval 6.5 m

Dark Sky

The light from this luminaire is directed evenly and highly efficiently onto the surface to be illuminated. Less than 1 % of the luminaire luminous flux is emitted into the upper half-space of the luminaire.

Inrush current

Inrush current: 5 A / 40 μs

Maximum number of luminaires of this type per miniature circuit breaker:

B 10 A: 50 luminaires

B 16 A: 50 luminaires

C 10 A: 80 luminaires

C 16 A: 80 luminaires

Ratio of luminous flux

Luminous flux upper half-space 0 %

Luminous flux lower half-space 100 %

BUG rating according to IES TM-15-20:

0–0*–0

CEN Flux Code according to EN 13032-2:

28–69–95–100–100

* The measured value above 90° 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 $5 \times 4^{\square}$

A separate instructions for use can be provided upon request.

Article No. 84 479

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

Light distribution