

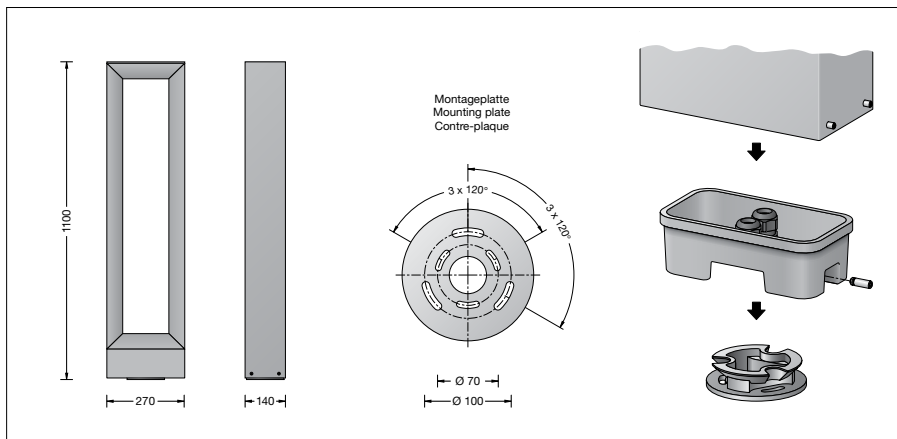
**BEGA****88 062**

Bollard



Project · Reference number

Date



## Product data sheet

**Application**

Shielded LED bollard with light distribution adjustable in 3 steps.  
For the illumination of squares, access roads and entry areas.

A robust and distinctive luminaire with impressive light graphic and high illuminance on the floor space.

**Product description**

The luminaire consists of aluminium profiles, cast aluminium and stainless steel  
BEGA Unidure® coating technology  
Safety glass with optical structure  
Silicone gasket  
Reflector made of pure anodised aluminium  
Luminaire with mounting plate for bolting onto a foundation or an anchorage unit

Mounting plate with two pitch circles:

ø 70 mm, 3 elongated holes 7 mm wide

ø 100 mm, 3 elongated holes 9 mm wide

Connection box with cable entries for through-wiring of mains supply cable

ø 9 - 16 mm max. 5 × 4<sup>□</sup>

LED power supply unit

220-240 V ~ 0/50-60 Hz

DC 170-280 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 IK06

Protection against mechanical

impacts < 1 joule

– Safety mark

– Conformity mark

Weight: 13.0 kg

**Lamp**

Module connected wattage 17.6 W  
Luminaire connected wattage 20.7 W  
Rated temperature  $t_a = 25\text{ °C}$   
Ambient temperature  $t_{a\text{max}} = 45\text{ °C}$

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

**88 062 K3**

Module designation LED-0313/830  
Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 3340 lm  
Luminaire luminous flux 1771 lm  
Luminaire luminous efficiency 85,6 lm/W

**88 062 K4**

Module designation LED-0313/840  
Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 3435 lm  
Luminaire luminous flux 1821 lm  
Luminaire luminous efficiency 88 lm/W

**Service life · Ambient temperature**

Rated temperature  $t_a = 25\text{ °C}$   
LED psu: > 50,000 h  
LED module: > 200,000 h (L80B50)  
100,000 h (L90B50)

Ambient temperature  $t_{a\text{max}} = 45\text{ °C}$  (100 %)  
LED psu: 50,000 h  
LED module: 154,000 h (L80B50)

**Inrush current**

Inrush current: 5 A / 50 μs  
Maximum number of luminaires of this type per miniature circuit breaker:  
B 10A: 31 luminaires  
B 16A: 50 luminaires  
C 10A: 52 luminaires  
C 16A: 85 luminaires

**Light technique**

An internal adjusting device allows you to adjust the optical system of the luminaire. In this way, symmetrical light distribution can be achieved with the same proportions of light or with different, asymmetrical light distribution.

**Article No. 88 062**

LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

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

**Accessory**

**70 895** Anchorage unit with mounting flange made of hot-dip galvanised steel. Total length 400 mm. 3 stainless steel fixing screws M8. Pitch circle ø 100 mm.

See the separate instructions for use.

**Light distribution**