

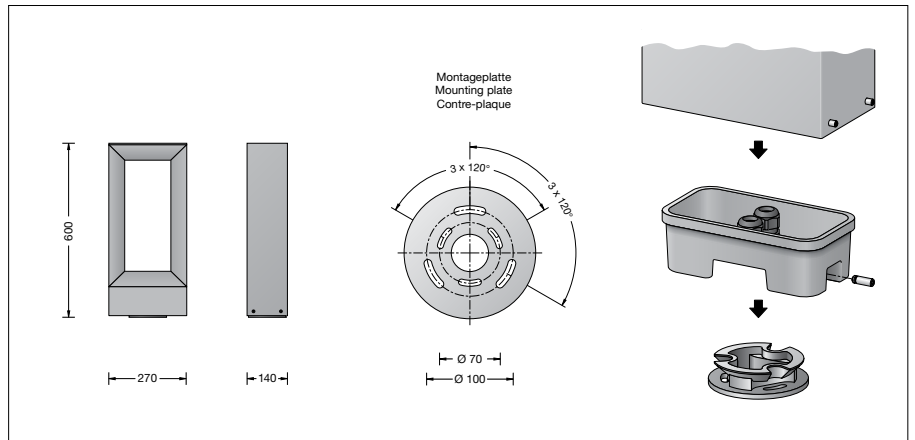
BEGA**88 066**

Bollard



Project · Reference number

Date



Product data sheet

Application

Shielded LED bollard with rectangular profile and broad spread light distribution.

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

Luminaire made of aluminium profiles, aluminium alloy and stainless steel

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[□]

LED power supply unit

220-240 V ~ 0/50-60 Hz

DC 176-280 V

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

CE – Conformity mark

Weight: 9.2 kg

Lamp

Module connected wattage 7.9 W

Luminaire connected wattage 9.4 W

Rated temperature $t_a = 25\text{ °C}$

Ambient temperature $t_{a\text{max}} = 55\text{ °C}$

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

88 066 K3

Module designation LED-0322/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 1215 lm

Luminaire luminous flux 588 lm

Luminaire luminous efficiency 62,6 lm/W

88 066 K4

Module designation LED-0322/940

Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 1255 lm

Luminaire luminous flux 607 lm

Luminaire luminous efficiency 64,6 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15\text{ °C}$

– at 50,000h: L90B10

– at > 500,000h: L70B50

Ambient temperature $t_a = 25\text{ °C}$

– at 50,000h: L90B10

– at > 500,000h: L70B50

max. ambient temperature $t_a = 55\text{ °C}$

– at 50,000h: L80B10

– at 189,000h: L70B50

Inrush current

Inrush current: 20 A / 80 μ s

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

B 10A: 35 luminaires

B 16A: 56 luminaires

C 10A: 58 luminaires

C 16A: 94 luminaires

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.

Article No. 88 066

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