

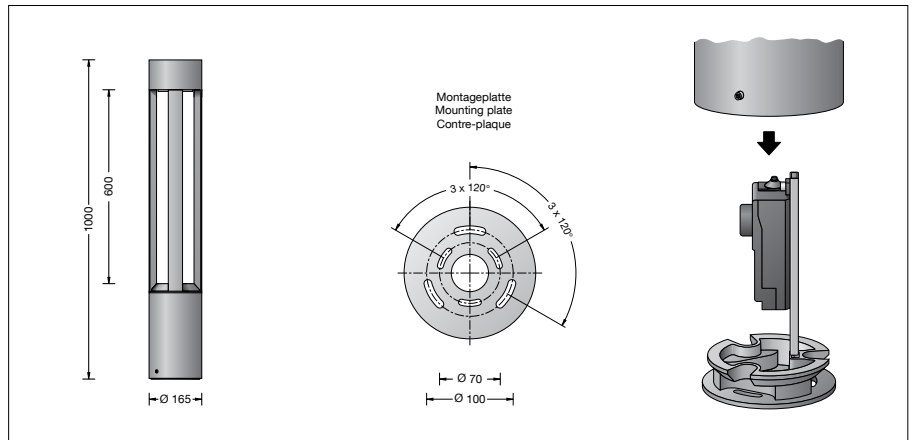
BEGA**84 061**

Bollard



Project · Reference number

Date



Product data sheet

Application

Shielded bollard with rotationally symmetrical, 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

The luminaire consists of aluminium profiles, cast aluminium and stainless steel
Clear safety glass
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:
 \varnothing 70 mm, 3 elongated holes 7 mm wide
 \varnothing 100 mm, 3 elongated holes 9 mm wide
 Mounting bracket with connection box 70 632 for through-wiring – for 2 cables up to 5×4^2 with fuse Neozed D 01 · 6 A
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 170-280 V
 DALI controllable
 A basic isolation exists between power cable and control line
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
 Weight: 7.3 kg

Lamp

Module connected wattage 19.2 W
 Luminaire connected wattage 22.8 W
 Rated temperature $t_a = 25 \text{ }^\circ\text{C}$
 Ambient temperature $t_{a \text{ max}} = 30 \text{ }^\circ\text{C}$

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

84 061 K3

Module designation LED-0389/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 3820 lm
 Luminaire luminous flux 1449 lm
 Luminaire luminous efficiency 63,6 lm/W

84 061 K4

Module designation LED-0389/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 3930 lm
 Luminaire luminous flux 1491 lm
 Luminaire luminous efficiency 65,4 lm/W

Service life of the LED

Ambient temperature $t_a = 25 \text{ }^\circ\text{C}$
 – at 166,000h: L70B50

max. ambient temperature $t_a = 30 \text{ }^\circ\text{C}$
 – at 125,000h: L70B50

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

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. 84 061

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 \varnothing 100 mm.

See the separate instructions for use.

Light distribution

