

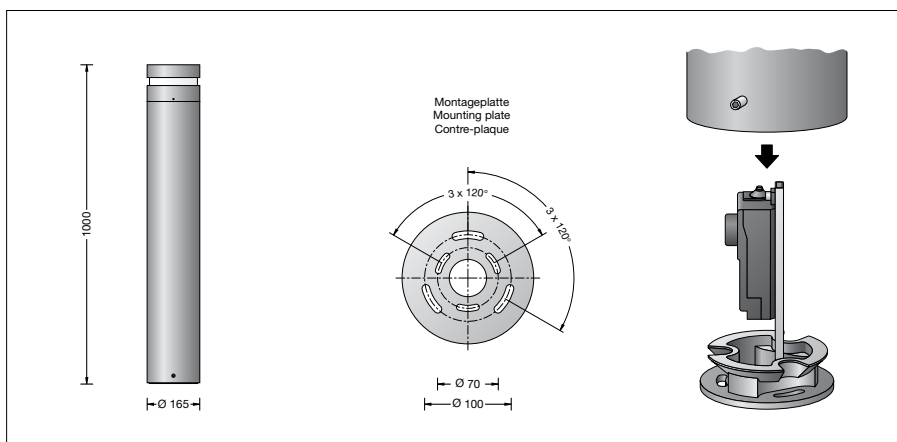
BEGA**99 570**

Bollard



Project · Reference number

Date



Product data sheet

Application

LED bollard for rotationally symmetrical illumination of floor spaces.
Due to the stable construction of this luminaire it is suitable for areas in which a high requirement of a robust construction is necessary.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Borosilicate 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:
ø 70 mm, 3 elongated holes 7 mm wide
ø 100 mm, 3 elongated holes 9 mm wide
Luminaire can be aligned on the mounting plate around 360°
Mounting bracket with connection box 70 632 for through-wiring – for 2 cables up to 5 × 4[□] with fuse Neozed D 01 · 6 A
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 176-276 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 IK10
Protection against mechanical impacts < 20 joule
 – Safety mark
 – Conformity mark
Weight: 8.8 kg

Lamp

Module connected wattage 10.8 W
Luminaire connected wattage 12.8 W
Rated temperature $t_a = 25\text{ °C}$
Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$

99 570 K3

Module designation 2x LED-0434/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 2110 lm
Luminaire luminous flux 1032 lm
Luminaire luminous efficiency 80,6 lm/W

99 570 K4

Module designation 2x LED-0434/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 2230 lm
Luminaire luminous flux 1091 lm
Luminaire luminous efficiency 85,2 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ (100 %)
LED psu: 50,000 h
LED module: 195,000 h (L 80 B 50)
100,000 h (L 80 B 50)

Inrush current

Inrush current: 4 A / 30 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 50 luminaires
B 16A: 50 luminaires
C 10A: 50 luminaires
C 16A: 50 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. 99 570

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.

Light distribution

