

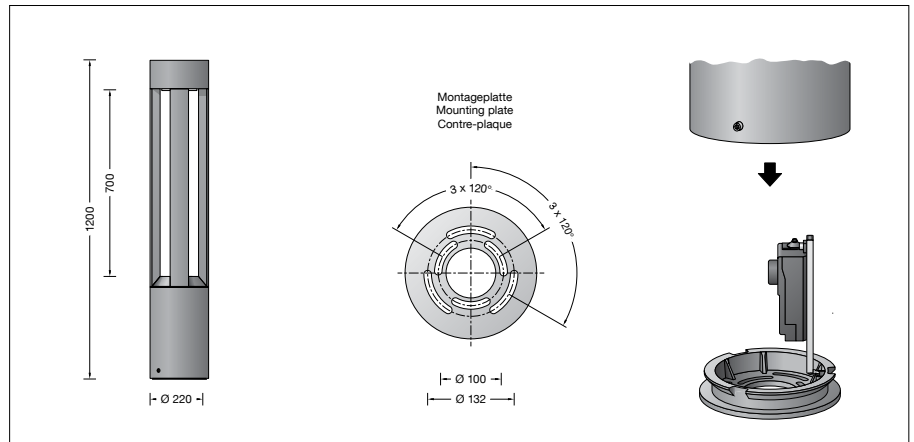
BEGA**84 062**

Bollard



Project · Reference number

Date



Product data sheet

Product description

The luminaire consists of aluminium profiles, cast aluminium and stainless steel
 BEGA Unidure® coating technology
 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 100 mm, 3 elongated holes 9 mm wide
 \varnothing 132 mm, 3 elongated holes 9 mm wide
 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 \sim 0/50-60 Hz
 DC 170-280 V
 DALI controllable
 A basic isolation exists between power cable and control line
 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: 15.8 kg

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.

Lamp

Module connected wattage	29 W
Luminaire connected wattage	33 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 35 \text{ }^\circ\text{C}$

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

84 062 K3

Module designation	LED-0809/840
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	5640 lm
Luminaire luminous flux	1804 lm
Luminaire luminous efficiency	54,7 lm/W

84 062 K4

Module designation	LED-0809/830
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	5800 lm
Luminaire luminous flux	1856 lm
Luminaire luminous efficiency	56,2 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25 \text{ }^\circ\text{C}$	
LED psu:	> 50,000h
LED module:	143,000h (L80 B50)

Ambient temperature $t_{a \text{ max}} = 35 \text{ }^\circ\text{C}$ (100 %)	
LED psu:	50,000h
LED module:	78,000h (L80 B50) 100,000h (L70 B50)

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. 84 062

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

70 896 Anchorage unit
 Anchorage unit with mounting flange made of hot-dip galvanised steel. Total length 500 mm.
 3 stainless steel fixing screws M 8.
 Pitch circle \varnothing 132 mm.

See the separate instructions for use.

Light distribution

