

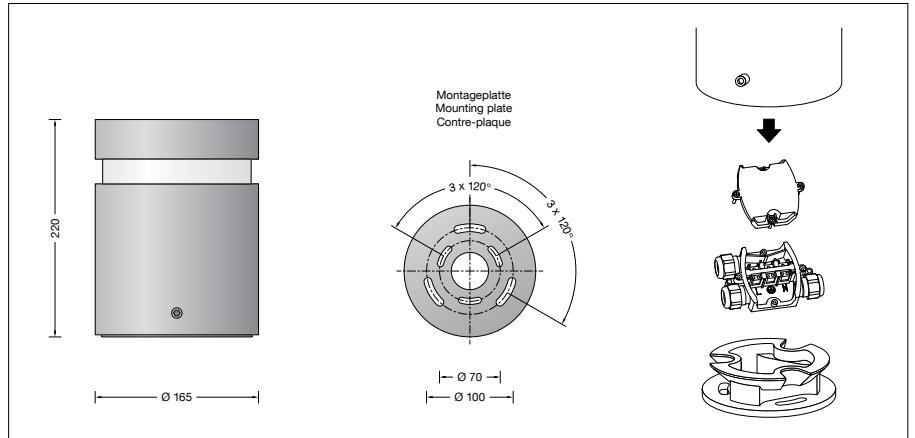
BEGA**99 577**

Bollard

 IP 65

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
 All-side light output 360°
 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
 Luminaire can be aligned on the mounting plate around 360°
 Connection box with cable entries for through-wiring of mains supply cable
 \varnothing 6 - 11 mm max. 3×2.5 [□]
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-276 V
 During DC operation the LED power is reduced to 50 %
 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: 3.6 kg

Lamp

Module connected wattage	14.4 W
Luminaire connected wattage	16.9 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 50$ °C

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

99 577 K3

Module designation	2x LED-0434/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2250 lm
Luminaire luminous flux	746 lm
Luminaire luminous efficiency	44,1 lm/W

99 577 K4

Module designation	2x LED-0434/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2270 lm
Luminaire luminous flux	753 lm
Luminaire luminous efficiency	44,6 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15$ °C
 – at 50,000h: L90B10
 – at > 500,000h: L70B50

Ambient temperature $t_a = 25$ °C
 – at 50,000h: L90B10
 – at > 500,000h: L70B50

max. ambient temperature $t_a = 50$ °C
 – at 50,000h: L80B10
 – at 300,000h: L70B50

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. 99 577

LED colour temperature optionally 3000K or 4000K
 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

