

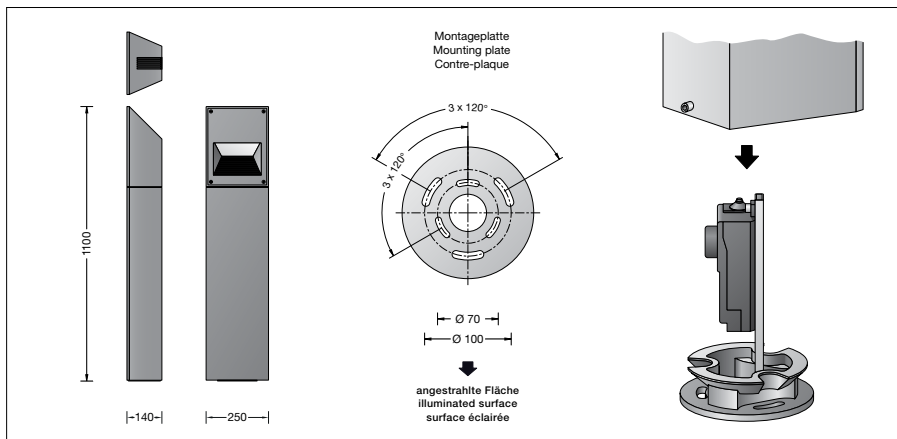
BEGA**99 558**

Bollard



Project · Reference number

Date



Product data sheet

Application

Bollard with asymmetrical light distribution providing glare-free illumination of ground surfaces from low mounting height. For the illumination of squares, gateways and pathways in private and public areas. The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire made of aluminium alloy, 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
 Luminaire can be aligned on the mounting plate around 360°
 Access door and connection box 70 632 for through-wiring – for 2 cables up to 5 × 4² with fuse Neozed D 01 · 6 A
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-280 V
 DC Start \geq 190 V
 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: 9.0 kg

Lamp

Module connected wattage 11.8 W
 Luminaire connected wattage 14.9 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 55$ °C

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

99 558 K3

Module designation LED-0491/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 2135 lm
 Luminaire luminous flux 1299 lm
 Luminaire luminous efficiency 87,2 lm/W

99 558 K4

Module designation LED-0491/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 2185 lm
 Luminaire luminous flux 1329 lm
 Luminaire luminous efficiency 89,2 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15$ °C
 – at 50,000 h: L 90 B 10
 – at > 500,000 h: L 70 B 50

Ambient temperature $t_a = 25$ °C
 – at 50,000 h: L 90 B 10
 – at 381,000 h: L 70 B 50

max. ambient temperature $t_a = 55$ °C
 – at 50,000 h: L 70 B 50
 – at 66,000 h: L 70 B 50

Inrush current

Inrush current: 7 A / 26 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 27 luminaires
 B 16A: 45 luminaires
 C 10A: 46 luminaires
 C 16A: 75 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. 99 558

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

