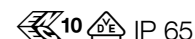


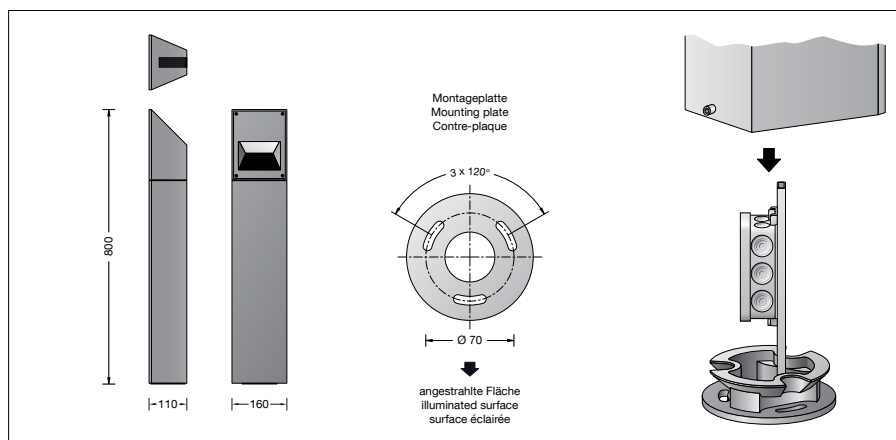
BEGA**99 554**

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.

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
Luminaire can be aligned on the mounting plate around 360°
Mounting plate with 3 elongated holes, Width 7 mm, Pitch circle \varnothing 70 mm
Mounting bracket with connection box and 3-pole terminal 4[□] for connection of mains supply cable max. $3 \times 2.5^{\square}$
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
DC Start \geq 198 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
CE – Conformity mark
Weight: 4.0 kg

Lamp

Module connected wattage	3.9 W
Luminaire connected wattage	5.4 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.

99 554 K3

Module designation	LED-0490/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	725 lm
Luminaire luminous flux	407 lm
Luminaire luminous efficiency	75,4 lm/W

99 554 K4

Module connected wattage	6.3 W
Luminaire connected wattage	8.5 W
Rated temperature	$t_a = 25 \text{ }^{\circ}\text{C}$
Ambient temperature	$t_{a \text{ max}} = 35 \text{ }^{\circ}\text{C}$

Module designation	LED-0490/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	790 lm
Luminaire luminous flux	449 lm
Luminaire luminous efficiency	52,8 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15 \text{ }^{\circ}\text{C}$
– at 50,000h: L90B10
– at > 500,000h: L70B50

Ambient temperature $t_a = 25 \text{ }^{\circ}\text{C}$
– at 50,000h: L90B10
– at 500,000h: L70B50

max. ambient temperature $t_a = 35 \text{ }^{\circ}\text{C}$
– at 50,000h: L90B10
– at 358,000h: L70B50

Inrush current

Inrush current: 20 A / 170 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. 99 554

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

70 894 Anchorage unit
Anchorage unit with mounting flange made of galvanised steel.
Total length 400 mm.
3 stainless steel mounting screws M 6.
Pitch circle \varnothing 70 mm.

See the separate instructions for use.

Light distribution

