

BEGA**99 552**

Bollard



Project · Reference number

Date

Product data sheet

Application

Glarefree light for the illumination of floorspaces from low mounting height.
The flat beam wide light distribution is particularly suitable for the illumination of forecourts, gateways and ways in private and public facilities.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass with optical structure
Silicone gasket
Reflector made of pure anodised aluminium
Luminaire with mounting plate for bolting onto a foundation or an anchorage unit
Mounting plate with 3 elongated holes, Width 7 mm, Pitch circle \varnothing 70 mm
Luminaire can be aligned on the mounting plate around 360°
Mounting bracket with connection box and 3-pole terminal 4^2 for connection of mains supply cable max. 3×2.5^2
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK08
Protection against mechanical impacts < 5 joule
 – Safety mark
CE – Conformity mark
Weight: 4.0 kg

Inrush current

Inrush current: 20 A / 80 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 35 luminaires
B 16A: 56 luminaires
C 10A: 58 luminaires
C 16A: 94 luminaires

Lamp

Module connected wattage	5.8 W
Luminaire connected wattage	7 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 55^\circ\text{C}$

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

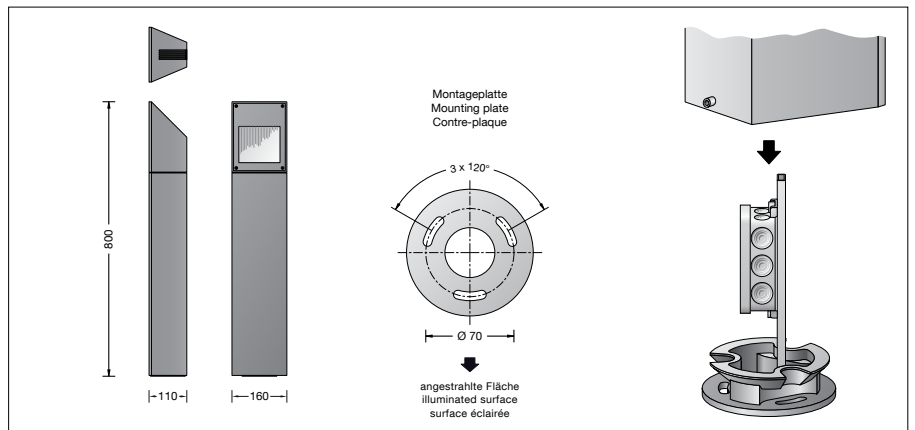
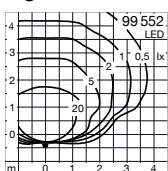
99 552 K3

Module designation	LED-0219/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1090 lm
Luminaire luminous flux	596 lm
Luminaire luminous efficiency	85,1 lm/W

99 552 K4

Module designation	LED-0219/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1115 lm
Luminaire luminous flux	610 lm
Luminaire luminous efficiency	87,1 lm/W

Light distribution



Lifetime of the LED

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

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

max. ambient temperature $t_a = 55^\circ\text{C}$
– at 50,000h: L90B50
– at 146,000h: 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. 99 552

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.