

BEGA**77 752**

Bollard



Project · Reference number

Date

Product data sheet

Application

One-sided LED bollard with 180° light output.
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
Single side light exit 180°
Luminaire with mounting plate for bolting onto a foundation or an anchorage unit
Mounting plate with two pitch circles:
ø 70 mm, 3 elongated holes 7 mm wide
ø 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
ø 6 - 11 mm max. 3 x 2.5²
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 176-276 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK10
Protection against mechanical impacts < 20 joule
☸10 – Safety mark
CE – Conformity mark
Weight: 4.4 kg

Inrush current

Inrush current: 4 A / 30 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 50 luminaires
B 16A: 50 luminaires
C 10A: 50 luminaires
C 16A: 50 luminaires

Lamp

Module connected wattage 5.4 W
Luminaire connected wattage 7.4 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{ max}} = 60^\circ\text{C}$

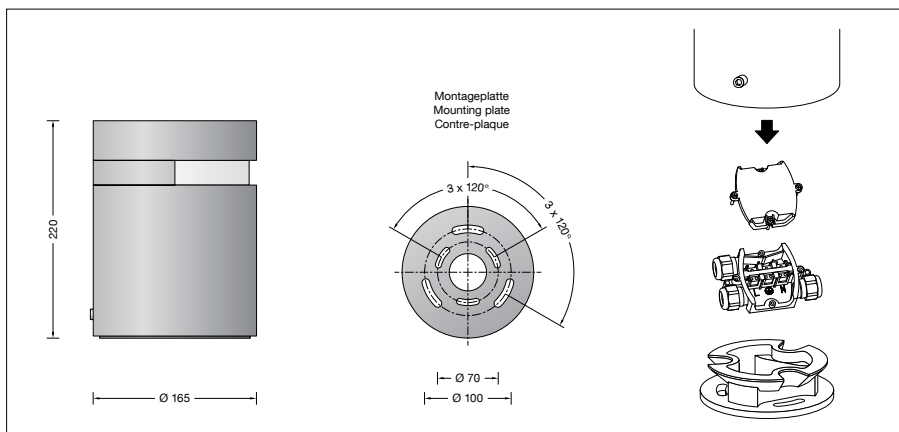
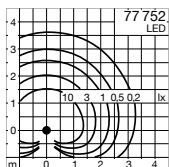
77 752 K3

Module designation LED-0434/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 1055 lm
Luminaire luminous flux 465 lm
Luminaire luminous efficiency 62,8 lm/W

77 752 K4

Module designation LED-0434/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 1115 lm
Luminaire luminous flux 491 lm
Luminaire luminous efficiency 66,4 lm/W

Light distribution



Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
– at 350,000h: L70B50

max. ambient temperature $t_a = 60^\circ\text{C}$
– at 310,000h: 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. 77 752

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 ø 100 mm.

See the separate instructions for use.