

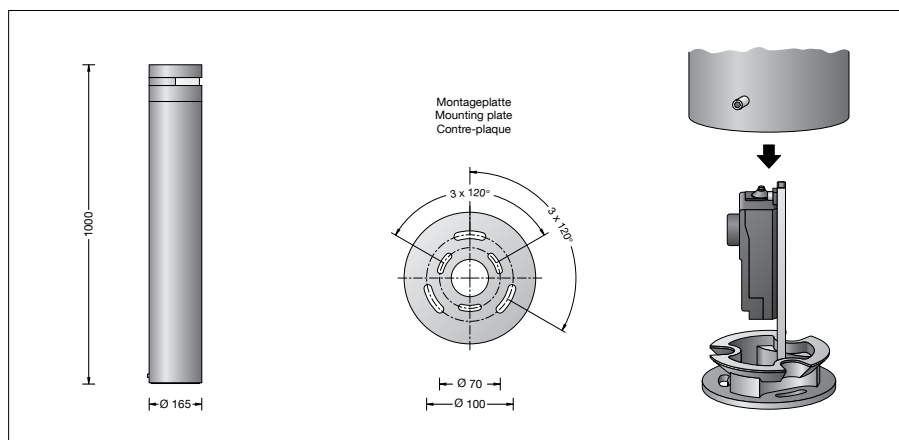
BEGA**77 753**

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:
 \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°
 Mounting bracket with connection box 70 632 for through-wiring – for 2 cables up to 5 × 4[□] with fuse Neozed D 01 · 6 A
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-276 V
 DALI controllable
 A basic isolation exists between power cable and control line
 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: 8.6 kg

Lamp

Module connected wattage 5.4 W
 Luminaire connected wattage 7.4 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a,max} = 60$ °C

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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

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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

Service life of the LED

Ambient temperature $t_a = 25$ °C
 – at 350,000h: L70B50

max. ambient temperature $t_a = 60$ °C
 – at 310,000h: L70B50

Inrush current

Inrush current: 4 A / 30 μ s
 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

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. 77 753

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