

Product data sheet**Bollard****IP 65****77 753**

Project · Reference number

Date

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.

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
Borosilicate glass
Silicone gasket
Reflector made of anodised pure 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°
Mounting bracket with 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 ~ 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
CE – Conformity mark
Weight: 8.6 kg

Lamp

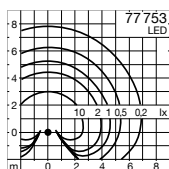
Module connected wattage	9.2 W
Luminaire connected wattage	11.5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 55\text{ °C}$

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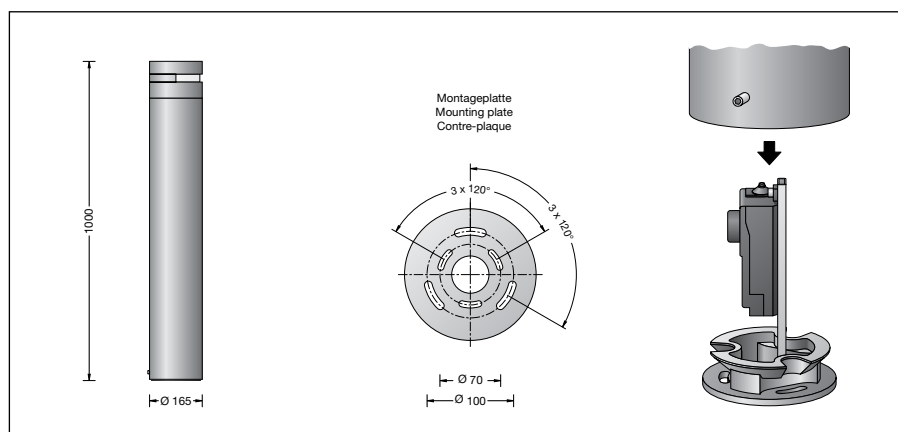
Module designation	LED-0434/830
Colour temperature	3000 K
Colour rendering index	$R_a > 80$
Module luminous flux	1040 lm
Luminaire luminous flux	411 lm
Luminaire luminous efficiency	35,7 lm/W

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Module designation	LED-0434/840
Colour temperature	4000 K
Colour rendering index	$R_a > 80$
Module luminous flux	1100 lm
Luminaire luminous flux	434 lm
Luminaire luminous efficiency	37,7 lm/W

Light distribution

www.bega.com

**Lifetime of the LED**

Ambient temperature $t_a = 15\text{ °C}$
 – at 50,000h: L 70 B 10
 – at 77,000h: L 70 B 50

Ambient temperature $t_a = 25\text{ °C}$
 – at 50,000h: L 70 B 10
 – at 71,000h: L 70 B 50

max. ambient temperature $t_a = 55\text{ °C}$
 – at 50,000h: L 70 B 50
 – at 53,000h: L 70 B 50

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Colour temperature 3000 K.
 Also available with 4000 K on request.
 3000 K – article number
 4000 K – article number + **K4**

Colour graphite or silver
 graphite – article number
 silver – article number + **A**

Accessory

70 895 Anchorage unit
 Anchorage unit with mounting flange made of galvanised steel. Total length 400 mm.
 3 stainless steel fixing screws M 8.
 Pitch circle ø 100 mm.

A separate instructions for use can be provided upon request.