

**BEGA****77 589**

Bollard



Project · Reference number

Date

## Product data sheet

### Application

LED bollard with rotationally symmetrical light distribution.

The light is deflected by means of the top reflector onto the surface to be illuminated.  
Luminaire for glarefree surface illumination of driveways, squares, pathways and entrances.

### Product description

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
Silicate glass clear  
Silicone gasket  
Reflector made of pure anodised aluminium  
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 and 3-pole terminal 4<sup>□</sup> for connection of mains supply cable max. 3 × 2.5<sup>□</sup>  
LED power supply unit  
220-240 V ~ 0/50-60 Hz  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK04  
Protection against mechanical impacts < 0.5 joule  
 – Safety mark  
**CE** – Conformity mark  
Weight: 6.7 kg

### Lamp

Module connected wattage	19.2 W
Luminaire connected wattage	21.8 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 55\text{ °C}$

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

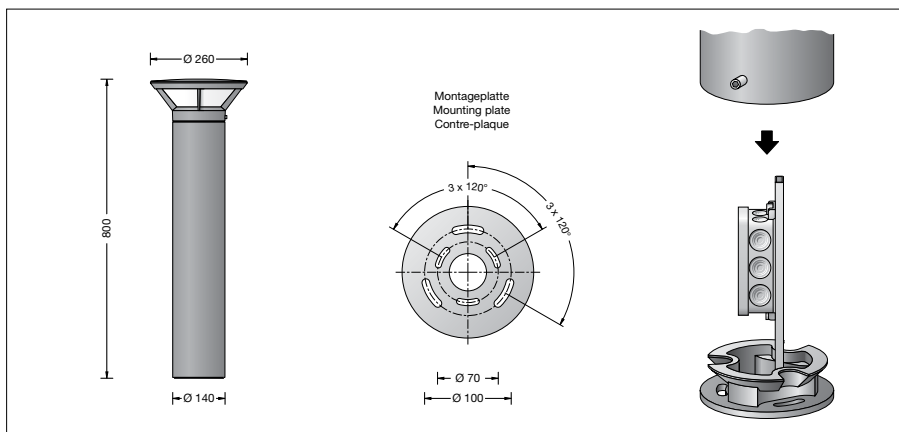
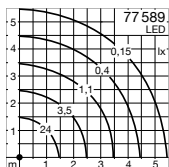
### 77 589 K3

Module designation	LED-0638/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2260 lm
Luminaire luminous flux	549 lm
Luminaire luminous efficiency	25,2 lm/W

### 77 589 K4

Module designation	LED-0638/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2340 lm
Luminaire luminous flux	569 lm
Luminaire luminous efficiency	26,1 lm/W

### Light distribution



### Lifetime of the LED

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

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

max. ambient temperature  $t_a = 55\text{ °C}$   
 – at 50,000h: L80B50  
 – at 106,000h: L70B50

### Article No. 77 589

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.