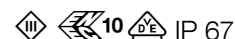


**BEGA****88 303**

In-ground luminaire



Project · Reference number

Date



## Product data sheet

### Application

Recessed LED location luminaire for recessed mounting in compacted surfaces, paths and open areas. Drive-over luminaire for vehicles with pneumatic tyres.

### Please note:

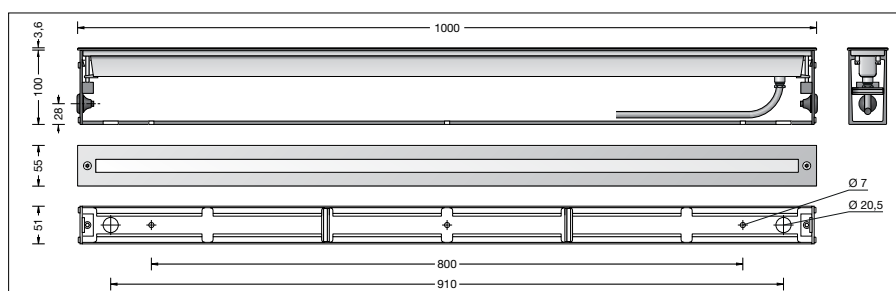
Luminaire must not be used for installation in road lanes, where the fixture is exposed to a horizontal strain due to braking, acceleration and change of direction.

### Product description

Recessed LED luminaire without power supply unit  
 Luminaire made of stainless steel  
 Steel grade no 1.4301  
 Recess housing made of aluminium profile, powder coated with 2 entries for connecting cable up to  $\varnothing$  12 mm  
 Safety glass, white  
 Reflector made of pure anodised aluminium  
 Connecting cable 05RN8-F 2 x 1<sup>□</sup>  
 Cable length 3 m  
 Safety class III   
 Protection class IP 67  
 Dust-tight and protection against temporary immersion  
 Impact strength IK08  
 Protection against mechanical impacts < 5 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 5.4 kg

### 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](http://www.bega.com).



### Lamp

Module connected wattage 1.5 W  
 Luminaire connected wattage 2.3 W  
 Rated temperature  $t_a = 25\text{ °C}$   
 Ambient temperature  $t_{a\text{ max}} = 65\text{ °C}$   
 When installed in heat-insulating material  $t_{a\text{ max}} = 65\text{ °C}$   
 Voltage 24 V = DC

### 88 303 K4

Module designation LED-0513/840  
 Colour temperature 4000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 190 lm  
 Luminaire luminous flux 56 lm  
 Luminaire luminous efficiency 24,3 lm/W

### 88 303 K3

Module designation LED-0513/830  
 Colour temperature 3000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 190 lm  
 Luminaire luminous flux 56 lm  
 Luminaire luminous efficiency 24,3 lm/W

### Service life · Ambient temperature

Ambient temperature  $t_a = 25\text{ °C}$   
 LED psu: > 50,000h  
 LED module: > 200,000h (L80B50)  
 100,000h (L90B50)

Ambient temperature  $t_a = 65\text{ °C}$   
 LED psu: 50,000h  
 LED module: > 200,000h (L80B50)  
 100,000h (L90B50)

### Article No. 88 303

LED colour temperature optionally 4000K or 3000K  
 4000 K – Article number + **K4**  
 3000 K – Article number + **K3**

### Accessories

Power supply unit for LED luminaires 24 V DC  
 Safety transformer according to DIN EN 61558/VDE 0570 part 2-6  
**70 564** Power supply unit for 0-15 W  
**70 465** Power supply unit for 0-25 W  
**70 565** Power supply unit for 0-35 W  
**70 566** Power supply unit for 0-50 W  
**70 567** Power supply unit for 0-75 W  
**70 169** Power supply unit for 0-150 W  
 230 V ~ 50-60 Hz

**70 114** Power supply unit for 0-42 W  
 AC range: AC: 110-264 V ~ 50-60 Hz  
 DC range: DC: 170-280 V

The power supply units are also suitable for the operation of several LED luminaires. In this case, the maximum wattage of the power supply unit must not be exceeded.

Distribution box for installation in soil

**70 730** Distribution box with 7 cable entries  
 Connection terminals 5 x 4<sup>□</sup>

**71 053** Distribution box with 10 cable entries  
 Connection terminals 6 x 16<sup>□</sup>

For the accessories a separate instructions for use can be provided upon request.