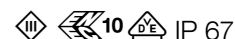


**BEGA****77 004**

In-ground luminaire



Project · Reference number

Date



## Product data sheet

### Application

LED floodlight with symmetrical light distribution. For recessed mounting in compacted surfaces, paths and places. 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.

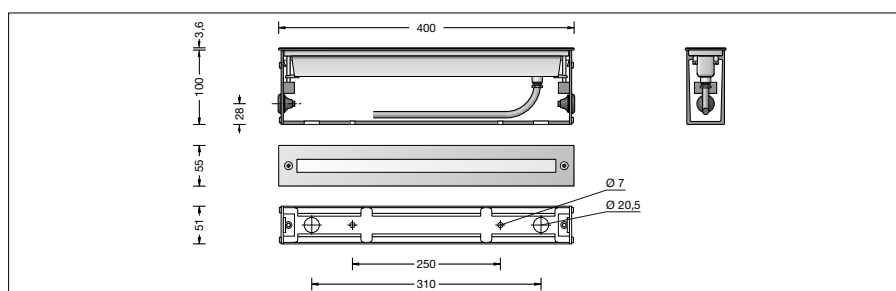
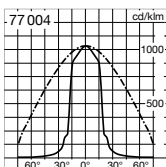
### Product description

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  
 Clear safety glass  
 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  
 Pressure load 1,000 kg (10 kN)  
 Impact strength IK09  
 Protection against mechanical impacts < 10 joule  
 Maximum surface temperature 30 °C (measured according to EN 60598 of  $t_a = 15$  °C)  
 – Safety mark  
 – Conformity mark  
 Weight: 2.5 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).

### Light distribution



### Lamp

Module connected wattage 3 W  
 Luminaire connected wattage 3.6 W  
 Rated temperature  $t_a = 25$  °C  
 Ambient temperature  $t_{a \max} = 55$  °C  
 When installed in heat-insulating material  $t_{a \max} = 45$  °C  
 Voltage 24 V = DC

### 77 004 K4

Module designation LED-0515/840  
 Colour temperature 4000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 520 lm  
 Luminaire luminous flux 203 lm  
 Luminaire luminous efficiency 56,4 lm/W

### 77 004 K3

Module designation LED-0515/830  
 Colour temperature 3000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 515 lm  
 Luminaire luminous flux 201 lm  
 Luminaire luminous efficiency 55,8 lm/W

### Service life of the LED

Ambient temperature  $t_a = 25$  °C  
 – at 470,000h: L70B50

max. ambient temperature  $t_a = 55$  °C  
 – at 330,000h: L70B50

### Article No. 77 004

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 10-25 W  
**70 565** Power supply unit for 20-35 W  
**70 566** Power supply unit for 30-50 W  
**70 567** Power supply unit for 40-75 W  
**70 169** Power supply unit for 70-150 W  
 230 V  $\sim$  50-60 Hz

**70 114** Power supply unit for 0-42 W  
 AC range: AC: 110-264 V  $\sim$  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.