




**BEGA****99 328**

In-ground luminaire




 IP 68

Project · Reference number

Date

## Product data sheet

### Application



LED location luminaire for recessed installation in compacted surfaces with  $\varnothing$  45 mm provided by the customer.

Drive-over luminaire from 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

In-ground LED luminaire  
without power supply unit  
Luminaire made of stainless steel  
Steel grade no 1.4301  
Installation bush made of polyamide  
Matt safety glass  
3 m water-resistant connecting cable  
05RN8-F 2 x 1<sup>□</sup> with implemented water stopper  
Safety class III   
Protection class IP 68 20 m  
Dust-tight and water pressure tight  
Maximum submersion depth 20 m  
Not suitable for permanent operation under water  
Impact strength IK10  
Protection against mechanical impacts < 20 joule  
 – Safety mark  
**CE** – Conformity mark  
Weight: 0.5 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).

### 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  $\sim$  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.

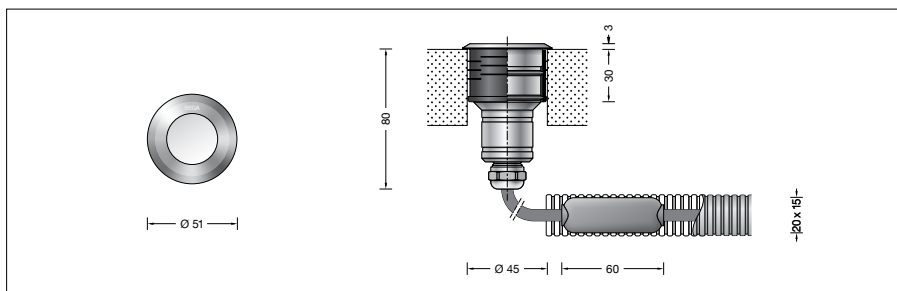
**70 779** Installation housing made of stainless steel

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.



### Lamp

Module connected wattage 0.2 W  
Luminaire connected wattage 0.45 W  
Rated temperature  $t_a = 25$  °C  
Ambient temperature  $t_{a \max} = 70$  °C

#### 99 328 K4

Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 30 lm  
Luminaire luminous flux 6 lm  
Luminaire luminous efficiency 13,3 lm/W

#### 99 328 K3

Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 30 lm  
Luminaire luminous flux 6 lm  
Luminaire luminous efficiency 13,3 lm/W

### Service life of the LED

Ambient temperature  $t_a = 25$  °C  
– at > 500,000h: L70B50  
max. ambient temperature  $t_a = 70$  °C  
– at 113,000h: L70B50

### Article No. 99 328

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