




**BEGA****99 366**

In-ground luminaire



 IP 68

Project · Reference number

Date

## Product data sheet

### Application



LED floodlight 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  
Clear safety glass  
Reflector surface made of pure aluminium  
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  
Impact strength IK10  
Protection against mechanical impacts < 20 joule  
 – Safety mark  
**CE** – Conformity mark  
Weight: 0.5 kg

### 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 ~ 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.

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

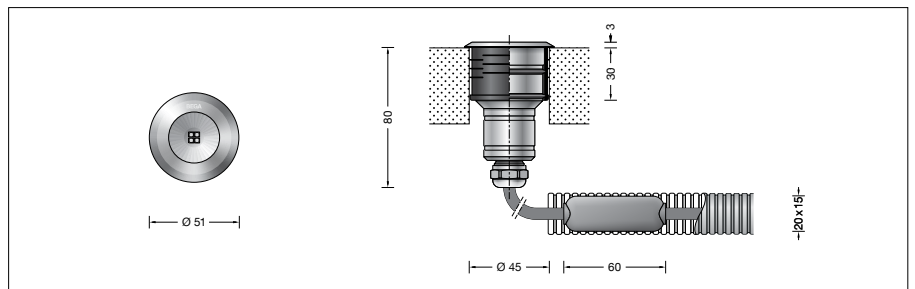
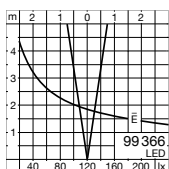
A separate instructions for use can be provided upon request.

**70 730** Distribution box

The distribution box is meant for installation in the soil and allows a junction from the supply cable to the luminaire and through-wiring to the next luminaire.

After the electrical connection the distribution box is filled up with gel and closed.

### Light distribution



### Lamp

Module connected wattage 1.1 W  
Luminaire connected wattage 1.4 W  
Rated temperature  $t_a = 25$  °C  
Ambient temperature  $t_{a \max} = 65$  °C  
Voltage 24 V = DC

### Service life of the LED

Ambient temperature  $t_a = 25$  °C  
– at > 500,000 h: L70B50  
max. ambient temperature  $t_a = 65$  °C  
– at 92,000 h: L70B50

### 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).

### Article No. 99 366

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

### 99 366 K4

Module designation LED-0666/840  
Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 160 lm  
Luminaire luminous flux 133 lm  
Luminaire luminous efficiency 95 lm/W

### 99 366 K3

Module designation LED-0666/830  
Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 160 lm  
Luminaire luminous flux 133 lm  
Luminaire luminous efficiency 95 lm/W