




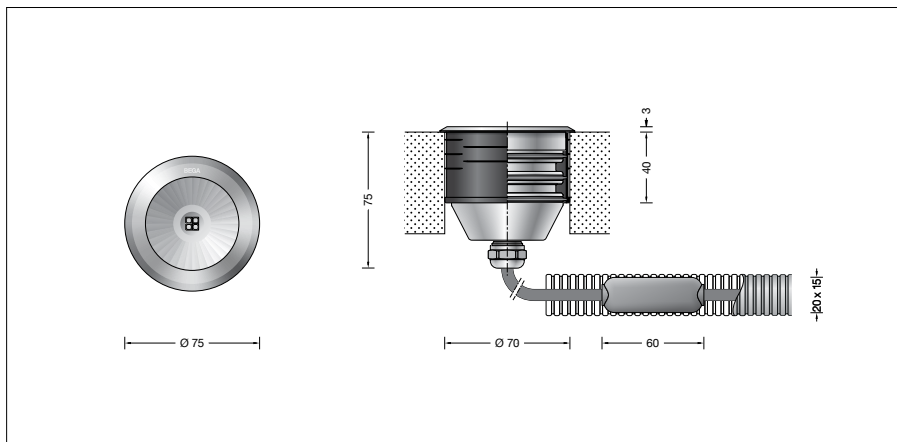
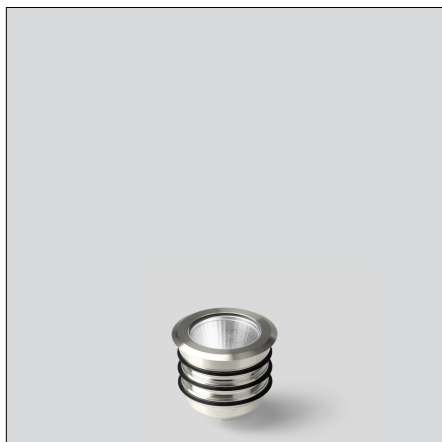
**BEGA****99 396**

In-ground luminaire



 IP 68

Project · Reference number

Date



## Product data sheet

**Application**

LED floodlight for recessed installation in compacted surfaces with  $\varnothing$  70 mm provided by the customer.

Drive-over luminaire from vehicles with pneumatic tyres.

For pressure load up to 1,000 kg (10 kN).

In the centre of the glass surface the luminaire attains an operating temperature of only 35 °C (measured according to EN 60598 - ambient temperature of  $t_a$  15 °C).

**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 made of pure anodised aluminium

3 m water-resistant connecting cable

05RN8-F 2 x 1  $\square$  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 IK08

Protection against mechanical

impacts < 5 joule

  – Safety mark

 – Conformity mark

Weight: 0.8 kg

**Lamp**

Rated temperature

Ambient temperature

Service life criteria

Voltage

$t_a = 25$  °C  
 $t_{a \max} = 50$  °C  
 50 000 h /  $L_{70}$   
 24 V = DC

**99 396**

Module connected wattage

Luminaire connected wattage

Module designation

Colour temperature

Colour rendering index

Module luminous flux

Luminaire luminous flux

Luminaire luminous efficiency

4.6 W  
 5.2 W  
 LED-0386/840  
 4000 K  
 $R_a > 80$   
 500 lm  
 272 lm  
 52,3 lm/W

**99 396 K3**

Module connected wattage

Luminaire connected wattage

Module designation

Colour temperature

Colour rendering index

Module luminous flux

Luminaire luminous flux

Luminaire luminous efficiency

3.4 W  
 4 W  
 LED-0386/830  
 3000 K  
 $R_a > 80$   
 495 lm  
 269 lm  
 52,3 lm/W

**Lighting technology**

Half beam angle 14°.

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on the BEGA website [www.bega.com](http://www.bega.com).

**Article No. 99 396**

Colour temperature 4000 K.

Also available with 3000 K on request.

4000 K – article number

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  $\sim$  50-60 Hz

**70 114** Power supply unit for 0-25 W

AC range: AC: 198-254 V  $\sim$  50-60 Hz

DC range: DC: 200-240 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.

**70 745** 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**