




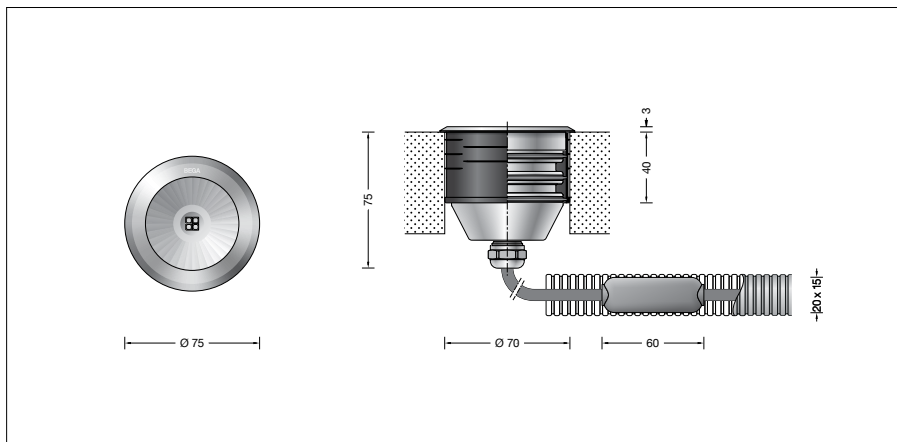
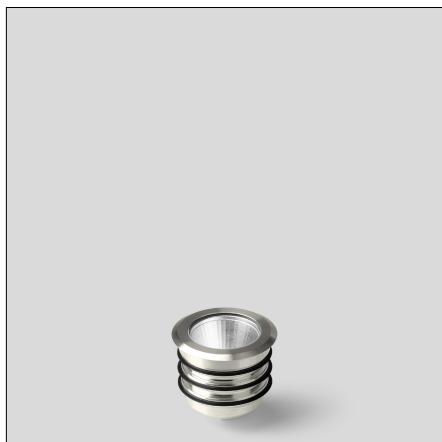
BEGA**99 396**

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.

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[□] 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 IK08
Protection against mechanical impacts < 5 joule
  – Safety mark
 – Conformity mark
Weight: 0.8 kg

Lamp

Rated temperature $t_a = 25\text{ °C}$
Ambient temperature $t_{a\text{ max}} = 65\text{ °C}$
When installed in heat-insulating material $t_{a\text{ max}} = 40\text{ °C}$
Voltage 24 V = DC

99 396 K4

Module connected wattage	4.6 W
Luminaire connected wattage	5.2 W
Module designation	LED-0386/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	500 lm
Luminaire luminous flux	272 lm
Luminaire luminous efficiency	52,3 lm/W

99 396 K3

Module connected wattage	3.4 W
Luminaire connected wattage	4 W
Module designation	LED-0386/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	495 lm
Luminaire luminous flux	271 lm
Luminaire luminous efficiency	52,3 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{ max}} = 65\text{ °C}$ (100 %)
LED psu: 50,000 h
LED module: 95,000 h (L 80 B 50)
100,000 h (L 70 B 50)

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 our website www.bega.com.

Article No. 99 396

LED colour temperature optionally 4000 K or 3000 K
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.

70 745 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[□]

71 053 Distribution box with 10 cable entries
Connection terminals 6 x 16[□]

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

Light distribution

