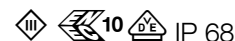


BEGA**99 327**

In-ground luminaire



Project · Reference number

Date

Product data sheet

Application

Location luminaire for recessed installation in compacted surfaces with \varnothing 30 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[□] 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
 – Conformity mark
Weight: 0.35 kg

Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at 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 5-15 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.

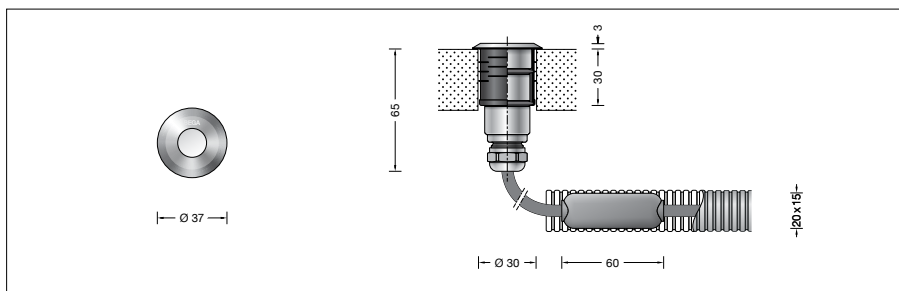
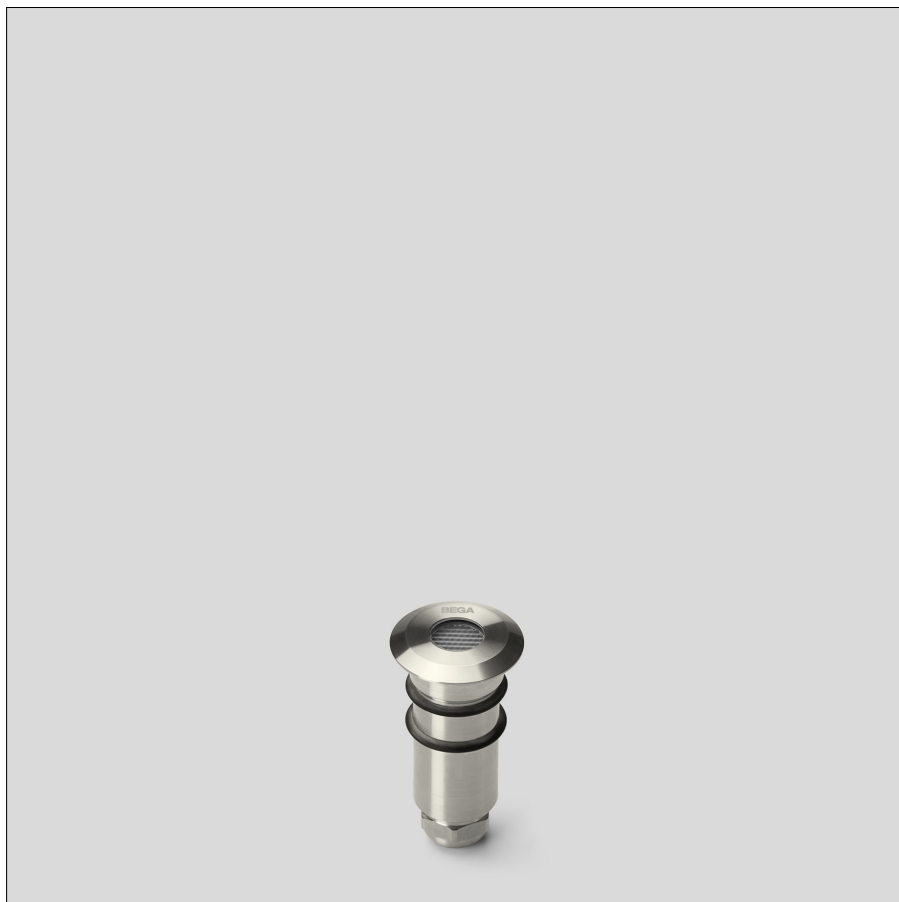
70 778 Installation housing made of stainless steel

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.



Lamp

Module connected wattage
Luminaire connected wattage
Rated temperature
Ambient temperature

0.14 W
0.35 W
 $t_a = 25^\circ\text{C}$
 $t_{a\text{ max}} = 65^\circ\text{C}$

99 327 K4

Colour temperature
Colour rendering index
Module luminous flux
Luminaire luminous flux
Luminaire luminous efficiency

4000 K
CRI > 80
25 lm
5 lm
14,3 lm/W

99 327 K3

Colour temperature
Colour rendering index
Module luminous flux
Luminaire luminous flux
Luminaire luminous efficiency

3000 K
CRI > 80
25 lm
5 lm
14,3 lm/W

Service life · Ambient temperature

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

Ambient temperature max. $t_a = 65^\circ\text{C}$ (100 %)
LED module: 57,000 h (L 80 B 50)
86,000 h (L 70 B 50)

Article No. 99 327

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