

BEGA**88 671**

In-ground luminaire



Project · Reference number

Date

Product data sheet

Application

In-ground luminaire with single-sided light sector. For installation in compacted surfaces, paths or floors.
Drive-over luminaire for vehicles with pneumatic tyres.

At the glass surface the luminaire attains an operating temperature of 20 °C (measured according to EN 60598 at an 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

Luminaire cover made of aluminium alloy
BEGA Unidure® coating technology
Luminaire housing made of cast stainless steel and stainless steel
Steel grade number 1.4571
Optical lens is made of silicate glass
Silicone gasket
Baseplate with 4 fixing holes
elongated holes 5 mm wide
75 x 75 mm spacing
1,8 m water-resistant connecting cable
05RN8-F 3 G 1[□] with implemented water stopper and 1.2 m PVC cable conduit
LED power supply unit
220-240 V ~ 0/50-60 Hz
Safety class I
Protection class IP 67
Dust-tight and protection against temporary immersion
Pressure load 1,000 kg (~10 kN)
Impact strength IK10
Protection against mechanical impacts < 20 joule
Maximum surface temperature 20 °C (measured according to EN 60598 of t_a 15 °C)
 – Safety mark
 – Conformity mark
Weight: 1.4 kg

Lamp

Module connected wattage	1 W
Luminaire connected wattage	2.3 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

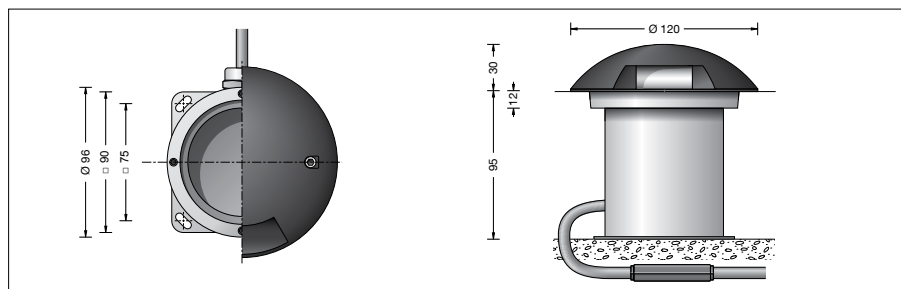
On request we can offer you modifications for environments with higher temperatures as a customized product.

88 671 K3

Module designation	LED-0304/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	150 lm
Luminaire luminous flux	24 lm
Luminaire luminous efficiency	10,4 lm/W

88 671 K4

Module designation	LED-0304/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	155 lm
Luminaire luminous flux	25 lm
Luminaire luminous efficiency	10,9 lm/W

**Service life · Ambient temperature**

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

Ambient temperature $t_{a \max} = 40$ °C (100 %)

LED psu: 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

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.

Article No. 88 671

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

Accessories

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[□]

A separate instructions for use can be provided upon request.