

**BEGA****88 673**

In-ground luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED in-ground luminaire with half-sided light sector.  
For installation in compacted surfaces, paths or floors.  
Drive-over luminaire for 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

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  
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<sup>□</sup> with implemented water stopper and 1.2 m PVC cable conduit  
LED power supply unit  
220-240 V ~ 0/50-60 Hz  
DC 198-264 V  
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 30 °C (measured according to EN 60598 of ta 15 °C)  
 – Safety mark  
 – Conformity mark  
Weight: 1.4 kg

### 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).

### Lamp

Module connected wattage	3 W
Luminaire connected wattage	4.3 W
Rated temperature	$t_a = 25 \text{ °C}$
Ambient temperature	$t_{a \text{ max}} = 30 \text{ °C}$

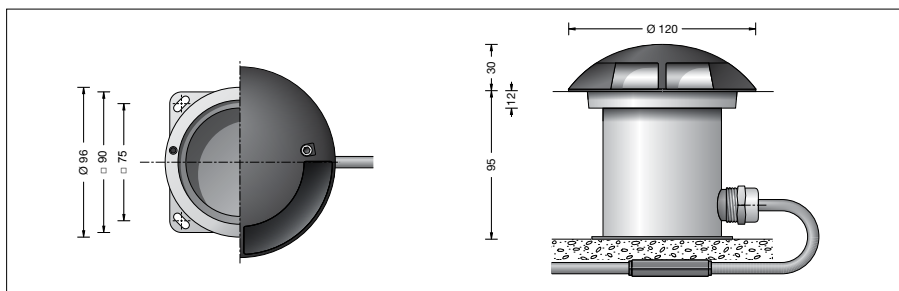
On request we can offer you modifications for environments with higher temperatures as a customized product.

### 88 673 K3

Module designation	3x LED-0304/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	450 lm
Luminaire luminous flux	67 lm
Luminaire luminous efficiency	15,6 lm/W

### 88 673 K4

Module designation	3x LED-0304/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	465 lm
Luminaire luminous flux	70 lm
Luminaire luminous efficiency	16,3 lm/W



### Service life · Ambient temperature

Rated temperature $t_a = 25 \text{ °C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50)
	100,000 h (L90 B50)

Ambient temperature  $t_{a \text{ max}} = 30 \text{ °C}$  (100 %)

LED psu:	50,000 h
LED module:	> 200,000 h (L80 B50)
	100,000 h (L90 B50)

### Article No. 88 673

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<sup>□</sup>  
**71 053** Distribution box with 10 cable entries  
Connection terminals 6 x 16<sup>□</sup>

A separate instructions for use can be provided upon request.