

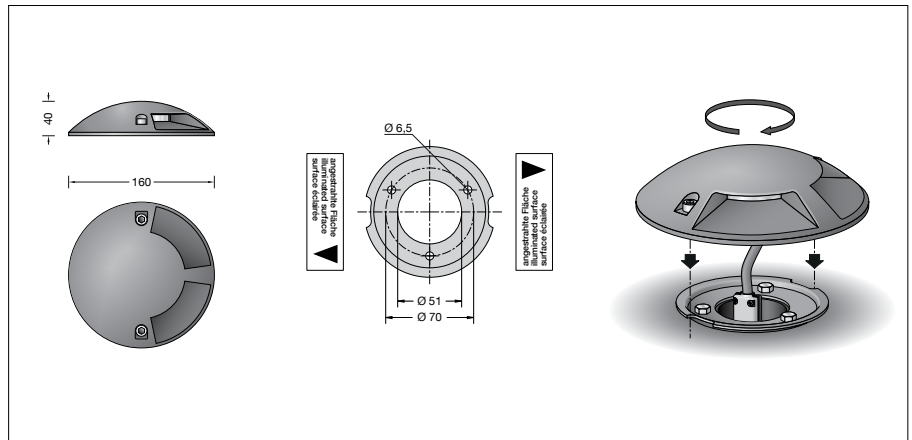
BEGA**77 069**

Surface-mounted luminaire

III 10 DE IP 67

Project · Reference number

Date



Product data sheet

Application

Surface-mounted luminaire with half-sided light sector.

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.

For the various requirements at the installation site, we offer a connection housing as a accessory.

The luminaires can thus be installed on unpaved surfaces.

Product description

Luminaire made of aluminium alloy and stainless steel
 BEGA Unidure® coating technology
 Borosilicate glass
 Luminaire with mounting plate for bolting onto a foundation or onto a connecting housing
 Mounting plate made of stainless steel
 Steel grade number 1.4301
 3 fixing holes $\varnothing$ 6.5 mm
 Angle 120° · Pitch circle $\varnothing$ 70 mm
 1,8 m water-resistant connecting cable
 05RN8-F 2 x 1[□] with implemented water stopper and 1.2 m PVC cable conduit
 Safety class III $\diamond$
 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 15 °C (measured according to EN 60598 of t_a 15 °C)
 $\diamond$ 10 DE – Safety mark
 CE – Conformity mark
 Weight: 0.95 kg

Lamp

Module connected wattage 1.1 W
 Luminaire connected wattage 1.3 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 65$ °C
 Voltage 24 V = DC

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Module designation LED-0287/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 135 lm
 Luminaire luminous flux 20 lm
 Luminaire luminous efficiency 15,4 lm/W

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Module designation LED-0287/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 145 lm
 Luminaire luminous flux 21 lm
 Luminaire luminous efficiency 16,2 lm/W

Service life · Ambient temperature

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

Ambient temperature max. $t_a = 65$ °C (100 %)
 LED module: > 200,000 h (L 80 B 50)
 100,000 h (L 90 B 50)

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.

Article No. 77 069

LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Accessories

Safety transformers according to DIN EN 61558/VDE 0570

70 564 Power supply unit

Primary: 230 V ~ 50/60 Hz
 Secondary: 24 V = DC · 5-15 W

70 465 Power supply unit

Primary: 230 V ~ 50/60 Hz
 Secondary: 24 V = DC · 10-25 W

70 114 Power supply unit

Primary:
 AC: 110-264 V ~ 50/60 Hz
 DC: 170-280 V
 Secondary: 24 V = DC · 0-42 W

71 246 Connection housing
 made of galvanised steel
 Total length 225 mm

70 730 Distribution box with 7 cable entries
 Connection terminals 5 x 4[□]

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

Light distribution