


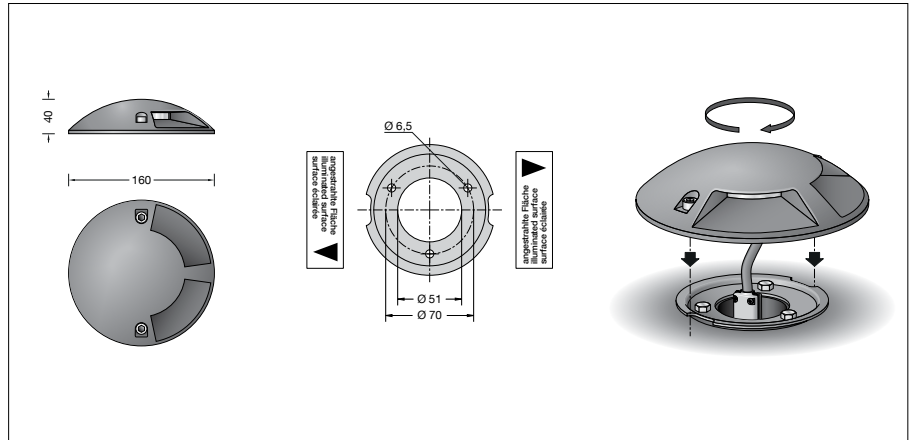
BEGA**77 069**

Surface-mounted luminaire

 IP 67

Project · Reference number

Date



Product data sheet





Application

LED surface-mounted luminaire with half-sided light sector for installation on a foundation, an anchorage unit or a connection housing.
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 made of aluminium alloy and stainless steel
BEGA Unidure® coating technology
Borosilicate glass
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 
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: 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

77 069 K3

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

77 069 K4

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

Ambient temperature $t_{a,max} = 65$ °C (100 %)

LED psu: 50,000h
LED module: > 200,000h (L 80 B 50)
100,000h (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. 77 069

LED colour temperature optionally 3000K or 4000K
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 · 0-15 W

70 465

Power supply unit
Primary: 230 V ~ 50/60 Hz
Secondary: 24 V = DC · 0-25 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

70 894

Anchorage unit
Anchorage unit with mounting flange made of galvanised steel. Total length 400 mm.
3 stainless steel fixing screws M 6.
Pitch circle \varnothing 70 mm.

70 751

Connection housing
Connection housing made of stainless steel for installation in compacted ground surfaces.

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