




BEGA**77 004**

In-ground luminaire



 IP 67

Project · Reference number

Date



Product data sheet




Application

Floodlight with symmetrical light distribution.
For recessed mounting in compacted surfaces,
paths and places.
Drive-over luminaire for vehicles with pneumatic
tyres.

Please note:

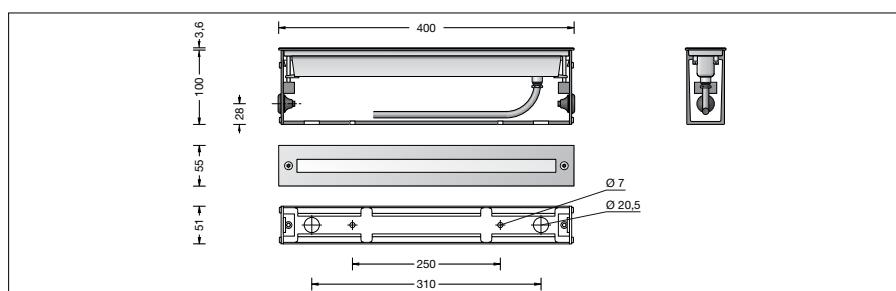
Luminaire must not be used for installation in
road lanes, where the fixture is exposed to a
horizontal strain due to braking, acceleration
and change of direction.

Product description

Recessed LED luminaire
without power supply unit
Luminaire made of stainless steel
Steel grade no 1.4301
Installation housing made of aluminium profile,
powder-coated with 2 entries for
connection cable up to \varnothing 12 mm
Clear safety glass
Reflector made of pure anodised aluminium
Connecting cable 05RN8-F 2 x 1[□]
Cable length 3 m
Safety class III 
Protection class IP 67
Dust-tight and protection against temporary
immersion
Pressure load 1,000 kg (~10 kN)
Impact strength IK09
Protection against mechanical
impacts < 10 joule
Maximum surface temperature 20 °C
(measured according to EN 60598 of t_a 15 °C)
 – Safety mark
 – Conformity mark
Weight: 2.5 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.



Lamp

Module connected wattage 3 W
Luminaire connected wattage 3.6 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a \max} = 55$ °C
When installed in heat-insulating
material $t_{a \max} = 45$ °C
Voltage 24 V = DC

77 004 K4

Module designation LED-0515/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 520 lm
Luminaire luminous flux 203 lm
Luminaire luminous efficiency 56,4 lm/W

77 004 K3

Module designation LED-0515/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 515 lm
Luminaire luminous flux 201 lm
Luminaire luminous efficiency 55,8 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25$ °C
LED module: > 200,000 h (L80 B50)
100,000 h (L90 B50)

Ambient temperature max. $t_a = 55$ °C (100 %)
LED module: > 200,000 h (L80 B50)
100,000 h (L90 B50)

Article No. 77 004

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

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 0-15 W
70 465 Power supply unit for 0-25 W
70 565 Power supply unit for 0-35 W
70 566 Power supply unit for 0-50 W
70 567 Power supply unit for 0-75 W
70 169 Power supply unit for 0-150 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.

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

