

BEGA**22 203**

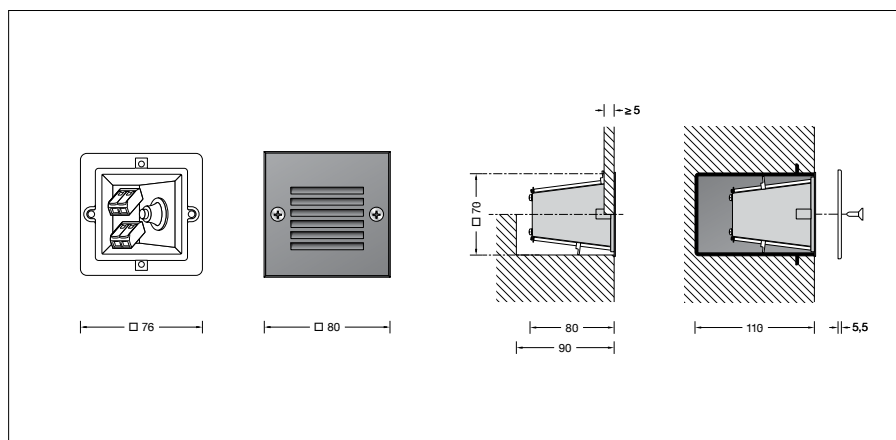
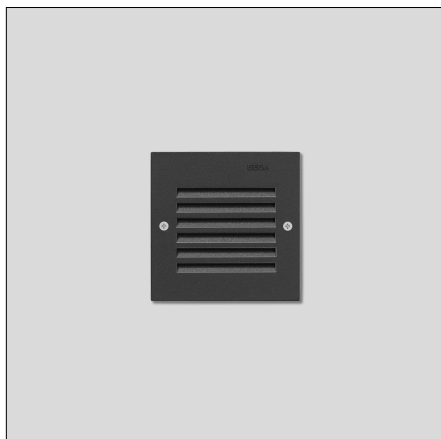
Recessed wall luminaire




 IP 65

Project · Reference number

Date



Product data sheet

Application

Recessed luminaire for glare-free lighting of floor spaces from a low mounting height.

Product description

LED recessed luminaire **without** power supply unit
 Luminaire made of cast aluminium, aluminium and stainless steel
 BEGA Unidure® coating technology
 Colour graphite or silver
 Matt safety glass
 Silicone gasket
 Required recessed opening 70 x 70 mm
 Recessed depth 90 mm
 Fixing is achieved by using two adjustable wedge-shaped claws
 1 cable entry
 for connecting cable max. $\varnothing$ 10,5 mm
 Connecting terminals 2.5[□]
 Safety class III 
 Protection class IP 65
 Dust-tight and protection against water jets  – Safety mark
 Impact strength IK07
 Protection against mechanical impacts < 2 joule
CE – Conformity mark
 Weight: 0.25 kg
 This product contains light sources of energy efficiency class(es) D

Lamp

Module connected wattage 1.9 W
 Luminaire connected wattage 2.3 W
 Rated temperature $t_a = 25\text{ °C}$
 Ambient temperature $t_{a\text{ max}} = 60\text{ °C}$
 When installed in heat-insulating material $t_{a\text{ max}} = 50\text{ °C}$
 Voltage 24 V = DC

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Module designation LED-0312/930
 Colour temperature 3000 K
 Colour rendering index CRI > 90
 Module luminous flux 285 lm
 Luminaire luminous flux 9 lm
 Luminaire luminous efficiency 3,9 lm/W

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Module designation LED-0312/940
 Colour temperature 4000 K
 Colour rendering index CRI > 90
 Module luminous flux 295 lm
 Luminaire luminous flux 10 lm
 Luminaire luminous efficiency 4,3 lm/W

Service life · Ambient temperature

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

Ambient temperature max. $t_a = 60\text{ °C}$ (100 %)
 LED module: 145,000 h (L80 B50)

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.

Dark Sky

The light of this luminaire is directed evenly and highly efficiently onto the surface to be illuminated. No light is emitted into the upper half-space of the luminaire.

Ratio of luminous flux

Luminous flux upper half-space 0,1 %
 Luminous flux lower half-space 99,9 %

BUG rating according to IES TM-15-07:

0 – 1 – 0

CEN Flux Code according to EN 13032-2:
 13 – 51 – 86 – 100 – 100

Accessories

Power supply unit for LED luminaires 24 V DC
 Safety transformer according to
 EN 61558/VDE 0570 part 2-6

70 564 Power supply unit for 5-15 W
70 465 Power supply unit for 10-25 W
70 565 Power supply unit for 20-35 W
70 566 Power supply unit for 30-50 W
70 567 Power supply unit for 40-75 W
70 169 Power supply unit for 70-150 W
 230 V ~ 50-60 Hz

71 134 Power supply unit for 0-70 W
 AC range: AC: 198-264 V ~ 50-60 Hz
 DC range: DC: 176-275 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.

10 406 Installation housing

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

Article No. 22 203

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

Colour graphite or silver
 graphite – article number
 silver – article number + **A**

Light distribution

