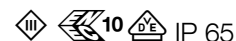


**BEGA****22 109**

Recessed wall luminaire



Project · Reference number

Date

## Product data sheet

**Application**

Unshielded LED luminaire for installation in walls.  
With low light output for orientating lighting tasks.

**Product description**

LED recessed luminaire without power supply unit  
Luminaire made of cast aluminium, aluminium and stainless steel  
Safety glass, white  
Silicone gasket  
Recessed opening  $\varnothing$  71 mm  
Recessed depth required 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<sup>2</sup>  
Safety class III   
Protection class IP 65  
Dust-tight and protection against water jets  
 – Safety mark  
Impact strength IK08  
Protection against mechanical impacts < 5 joule  
CE – Conformity mark  
Weight: 0.25 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).

**Accessories**

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

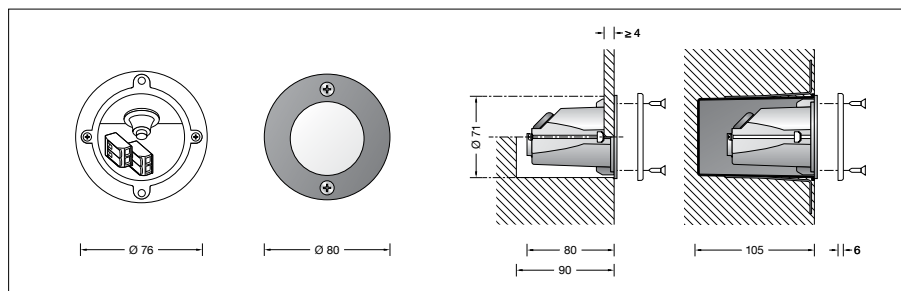
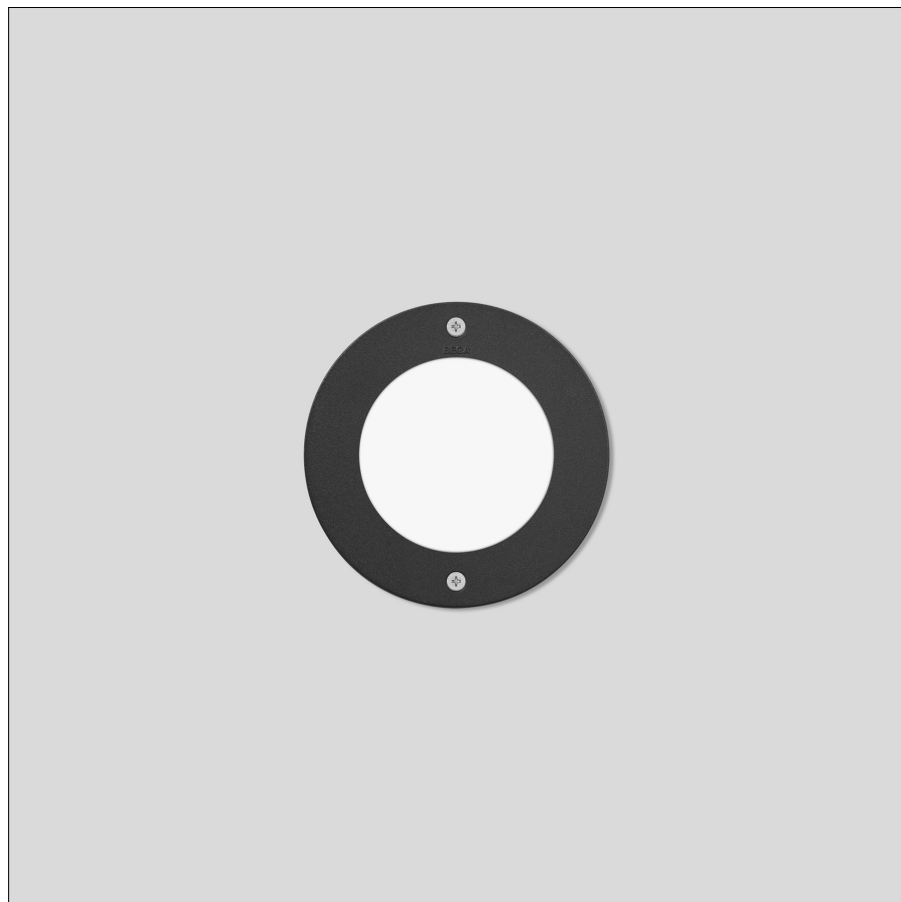
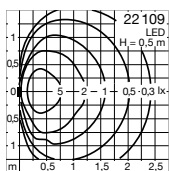
**70 564** Power supply unit for 0-15 W  
**70 465** Power supply unit for 0-25 W  
**70 565** Power supply unit for 0-35 W  
**70 566** Power supply unit for 0-50 W  
**70 567** Power supply unit for 0-75 W  
**70 169** Power supply unit for 0-150 W  
230 V ~ 50-60 Hz

**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.

**10 415** Installation housing

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

**Light distribution****Lamp**

Module connected wattage 2 W  
Luminaire connected wattage 2.3 W  
Rated temperature  $t_a = 25^\circ\text{C}$   
Ambient temperature  $t_{a \max} = 60^\circ\text{C}$   
When installed in heat-insulating material  $t_{a \max} = 50^\circ\text{C}$   
Voltage 24 V = DC

**22 109 K3**

Module designation LED-0312/930  
Colour temperature 3000 K  
Colour rendering index CRI > 90  
Module luminous flux 250 lm  
Luminaire luminous flux 28 lm  
Luminaire luminous efficiency 12,2 lm/W

**22 109 K4**

Module designation LED-0312/940  
Colour temperature 4000 K  
Colour rendering index CRI > 90  
Module luminous flux 260 lm  
Luminaire luminous flux 29 lm  
Luminaire luminous efficiency 12,6 lm/W

**Service life · Ambient temperature**

Rated temperature  $t_a = 25^\circ\text{C}$   
LED psu: > 50,000 h  
LED module: > 200,000 h (L 80 B 50)  
100,000 h (L 90 B 50)

Ambient temperature  $t_{a \max} = 60^\circ\text{C}$  (100 %)  
LED psu: 50,000 h  
LED module: 38,000 h (L 80 B 50)  
59,000 h (L 70 B 50)

**Article No. 22 109**

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**