

**BEGA****22 230**

Recessed luminaire

 IP 65

Project · Reference number



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## Product data sheet

### Application

Recessed LED luminaire for glare free lighting of floor spaces and wall surfaces.  
For installation in walls or ceilings.

### Product description

LED recessed luminaire without power supply unit  
Luminaire made of cast aluminium, aluminium and stainless steel  
Clear safety glass  
Reflector made of pure anodised aluminium  
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<sup>□</sup>  
Safety class III   
Protection class IP 65  
Dust-tight and protection against water jets  
 – Safety mark  
Impact strength IK10  
Protection against mechanical impacts < 20 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  $\sim$  50-60 Hz

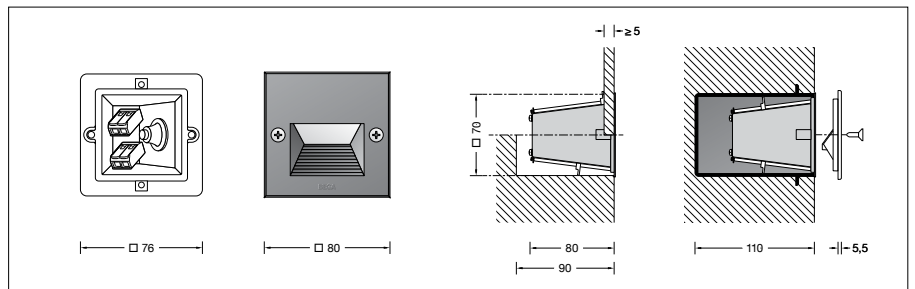
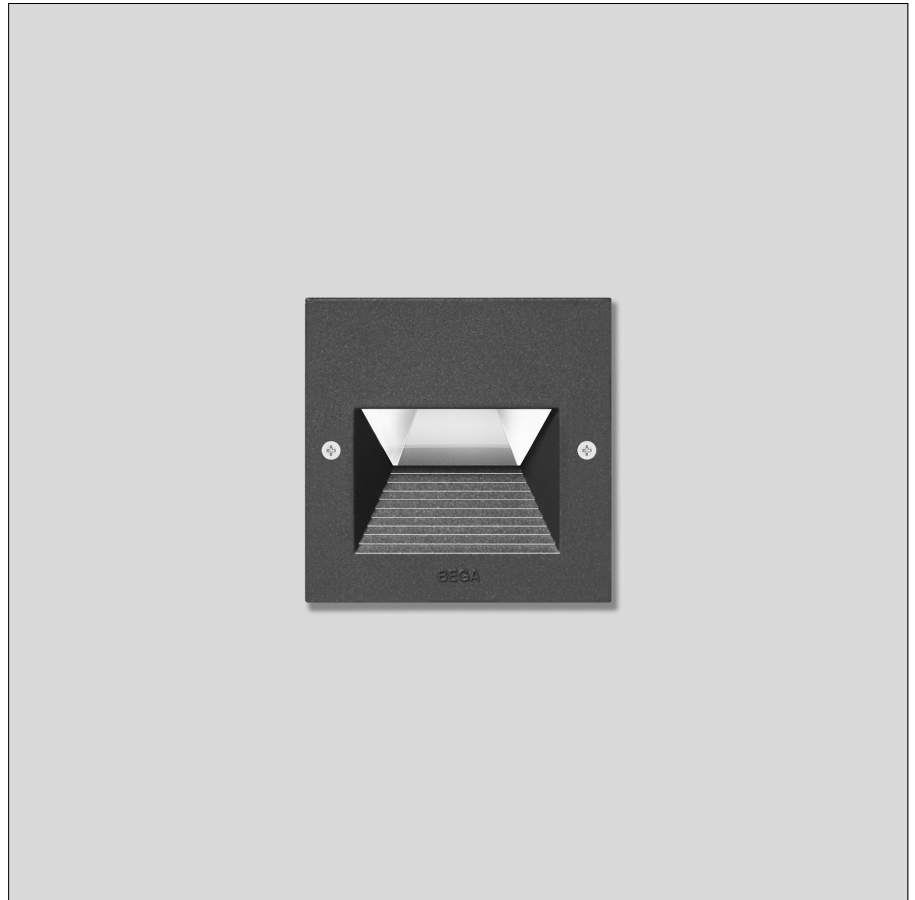
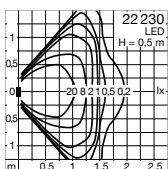
**70 114** Power supply unit for 0-42 W  
AC range: AC: 110-264 V  $\sim$  50-60 Hz  
DC range: DC: 170-280 V

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.

### 10 406 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 2.7 W  
Rated temperature  $t_a = 25^\circ\text{C}$   
Ambient temperature  $t_{a, \text{max}} = 55^\circ\text{C}$   
When installed in heat-insulating material  $t_{a, \text{max}} = 50^\circ\text{C}$   
Voltage 24 V = DC

### 22 230 K3

Module designation LED-0206/830  
Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 265 lm  
Luminaire luminous flux 95 lm  
Luminaire luminous efficiency 35,2 lm/W

### 22 230 K4

Module designation LED-0206/840  
Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 265 lm  
Luminaire luminous flux 95 lm  
Luminaire luminous efficiency 35,2 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  $t_{a, \text{max}} = 55^\circ\text{C}$  (100 %)  
LED psu: 50,000 h  
LED module: 48,000 h (L 80 B 50)  
73,000 h (L 70 B 50)

### Article No. 22 230

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**