

**BEGA****33 130**

Recessed luminaire



Project · Reference number



Date

## Product data sheet

### Application

LED luminaire with directed light for recessed installation in walls or in step risers. Installation possible in horizontal or vertical burning position.

### Product description

Luminaire made of stainless steel  
 Steel grade no. 1.4301  
 Safety glass with optical structure  
 Silicone gasket  
 Required recessed opening 155 x 60 mm  
 Recessed depth 90 mm  
 Fixing is achieved by using two adjustable wedge-shaped claws  
 Connecting cable H05RN-F 3 x 1<sup>□</sup>  
 Cable length 0,2 m  
 Enclosed line connector for through-wiring of mains supply cable ø 6,5 - 12 mm max. 3 x 4<sup>□</sup>  
 LED power supply unit  
 220-240 V ~ 0/50-60 Hz  
 DC 176-264 V  
 DC Start ≥ 198 V  
 Safety class I  
 Protection class IP 65  
 Dust-tight and protection against water jets  
 Impact strength IK08  
 Protection against mechanical impacts < 5 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 0.6 kg

### Lamp

|                             |                                   |
|-----------------------------|-----------------------------------|
| Module connected wattage    | 5.5 W                             |
| Luminaire connected wattage | 7.4 W                             |
| Rated temperature           | $t_a = 25\text{ °C}$              |
| Ambient temperature         | $t_{a\text{ max}} = 25\text{ °C}$ |

On request we can offer you modifications for environments with higher temperatures as a customized product.

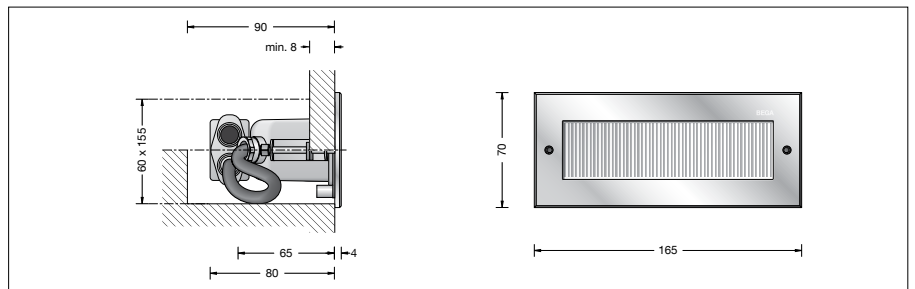
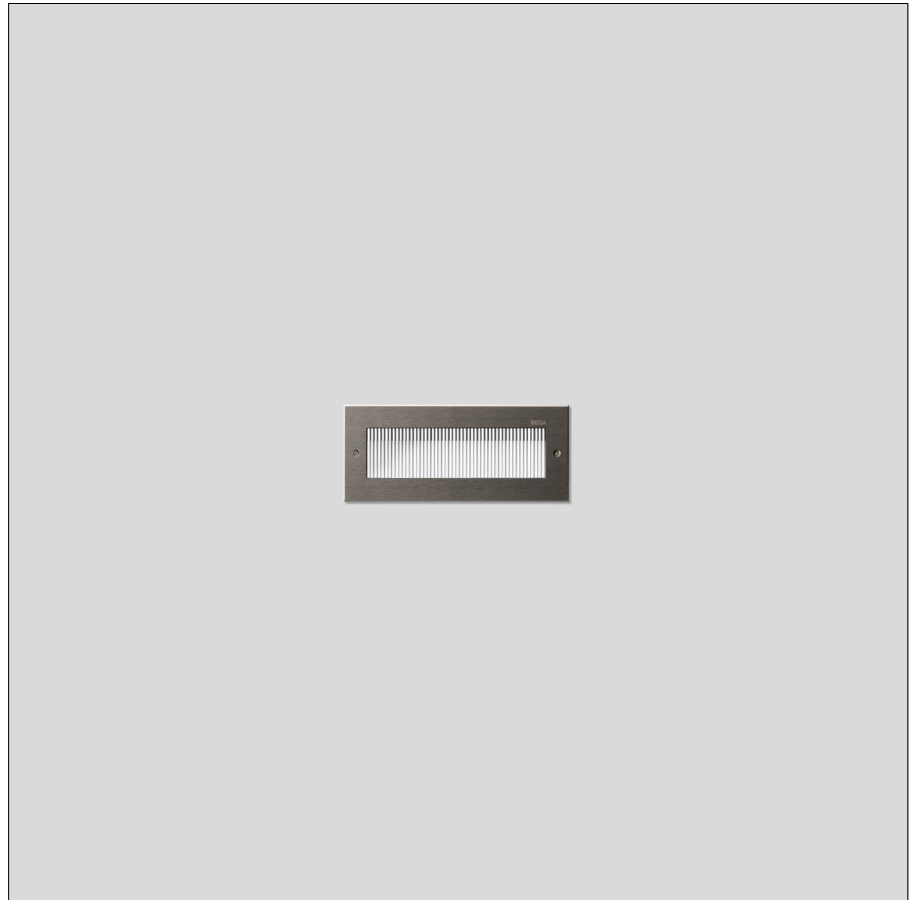
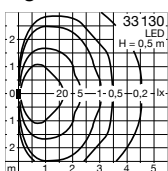
### 33 130 K3

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-0394/830 |
| Colour temperature            | 3000 K       |
| Colour rendering index        | CRI > 80     |
| Module luminous flux          | 575 lm       |
| Luminaire luminous flux       | 255 lm       |
| Luminaire luminous efficiency | 34,5 lm/W    |

### 33 130 K4

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-0394/840 |
| Colour temperature            | 4000 K       |
| Colour rendering index        | CRI > 80     |
| Module luminous flux          | 605 lm       |
| Luminaire luminous flux       | 268 lm       |
| Luminaire luminous efficiency | 36,2 lm/W    |

### Light distribution



### Service life of the LED

max. ambient temperature  $t_a = 25\text{ °C}$   
 – at 58,000 h: L70B50

### 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).

### Inrush current

Inrush current: 20 A / 170  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 31 luminaires  
 B 16A: 50 luminaires  
 C 10A: 52 luminaires  
 C 16A: 85 luminaires

### Article No. 33 130

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

### Accessories

**10 424** Installation housing

A separate instructions for use can be provided upon request.