

**BEGA****33 160**

Recessed luminaire



Project · Reference number

Date

## Product data sheet

### Application

Shielded LED luminaire for walls and stairs.

### Product description

Luminaire made of stainless steel  
 Steel grade no. 1.4301  
 Safety glass, white  
 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 □  
 Cable length 0,2 m  
 Enclosed line connector for through-wiring of mains supply cable  $\varnothing$  6,5 - 12 mm max. 3 x 4 □  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-264 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: 0.7 kg

### Lamp

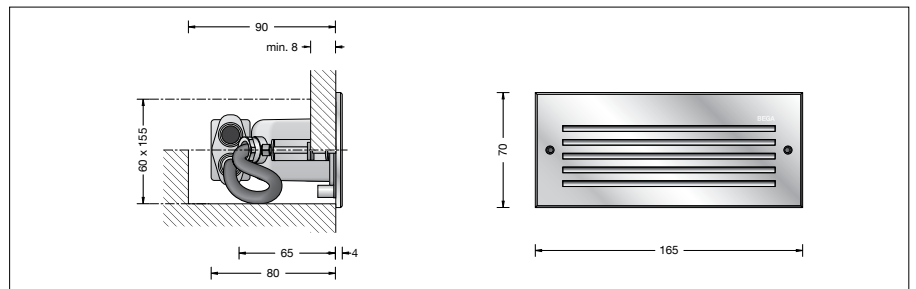
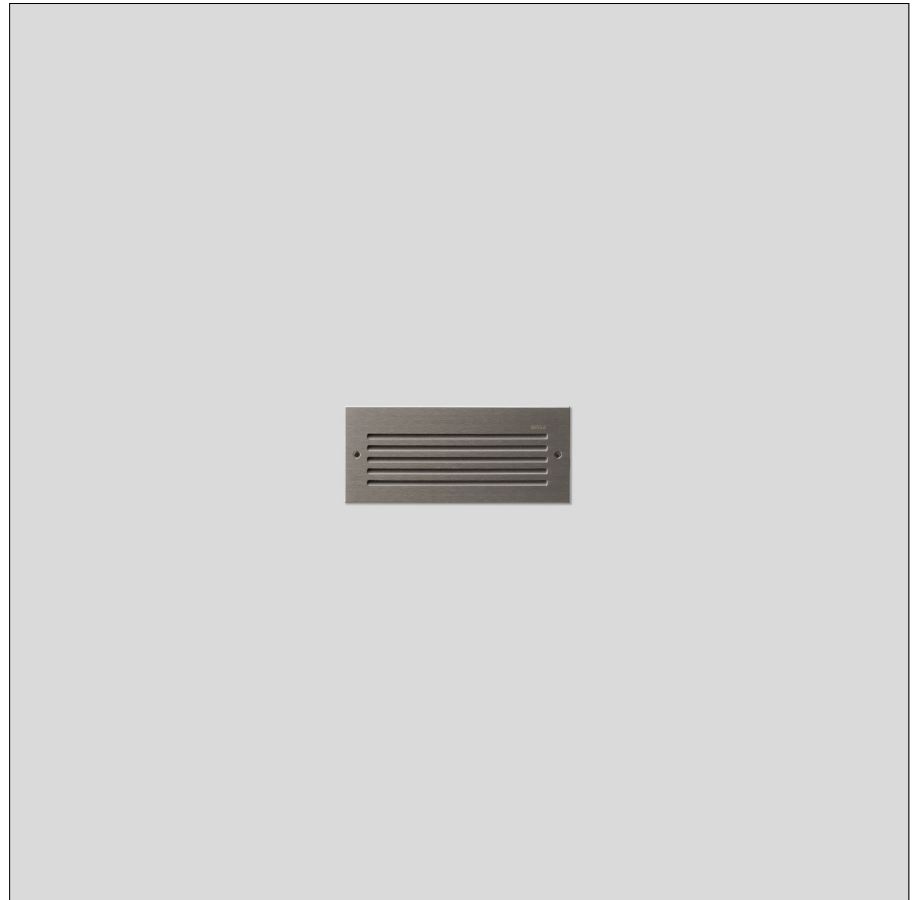
Module connected wattage	1.9 W
Luminaire connected wattage	2.5 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 50 \text{ }^\circ\text{C}$
When installed in heat-insulating material	$t_{a \text{ max}} = 40 \text{ }^\circ\text{C}$

### 33 160 K3

Module designation	LED-0645/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	375 lm
Luminaire luminous flux	13 lm
Luminaire luminous efficiency	5,2 lm/W

### 33 160 K4

Module designation	LED-0645/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	390 lm
Luminaire luminous flux	14 lm
Luminaire luminous efficiency	5,6 lm/W



### Service life · Ambient temperature

Ambient temperature $t_a = 25 \text{ }^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50) 100,000 h (L90 B50)

Ambient temperature $t_a = 50 \text{ }^\circ\text{C}$	
LED psu:	50,000 h
LED module:	67,000 h (L80 B50) 100,000 h (L70 B50)

### Inrush current

Inrush current: 6 A / 102  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 60 luminaires  
 B 16A: 96 luminaires  
 C 10A: 100 luminaires  
 C 16A: 161 luminaires

### 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).

### Article No. 33 160

LED colour temperature optionally 3000 K or 4000 K  
 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.

### Light distribution

