

**BEGA****33 158**

Recessed luminaire



Project · Reference number

Date

## Product data sheet

**Application**

Recessed LED location luminaire for installation in walls.  
Installation possible in horizontal or vertical burning position.

**Product description**

Luminaire made of aluminium alloy, aluminium and stainless steel  
Safety glass, white  
Silicone gasket  
Reflector made of pure anodised aluminium  
Fixing is achieved by using two adjustable wedge-shaped claws  
Required recessed opening 505 x 110 mm  
Recessed depth 90 mm  
2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm  
Connecting terminal and earth conductor terminal 2.5<sup>□</sup>  
LED power supply unit  
220-240 V  $\approx$  0/50-60 Hz  
DC 170-280 V  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK06  
Protection against mechanical impacts < 1 joule  
 – Safety mark  
 – Conformity mark  
Weight: 2.8 kg

**Inrush current**

Inrush current: 5 A / 50  $\mu$ 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

**Lamp**

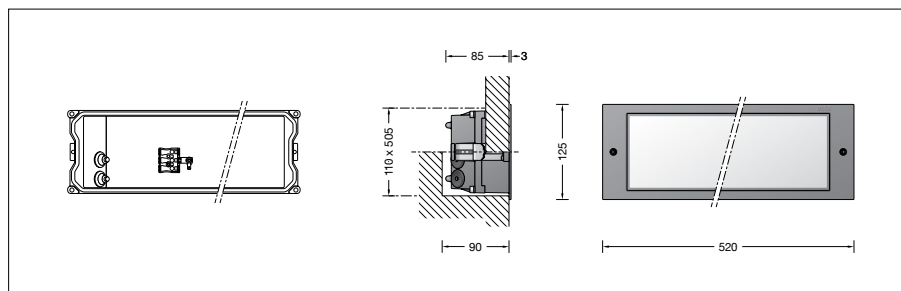
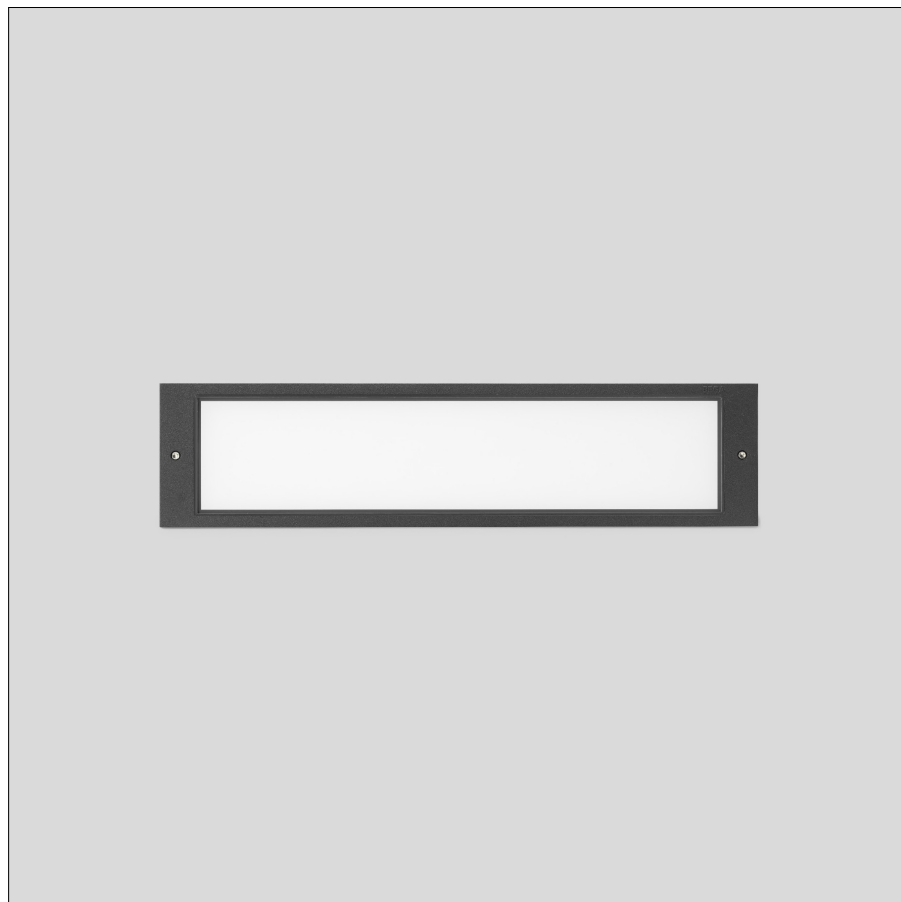
Module connected wattage	9.8 W
Luminaire connected wattage	12 W
Rated temperature	$t_a = 25\text{ }^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 50\text{ }^\circ\text{C}$
When installed in heat-insulating material	$t_{a\text{ max}} = 45\text{ }^\circ\text{C}$

**33 158 K3**

Module designation	LED-0568/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1500 lm
Luminaire luminous flux	938 lm
Luminaire luminous efficiency	78,2 lm/W

**33 158 K4**

Module designation	LED-0568/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1500 lm
Luminaire luminous flux	938 lm
Luminaire luminous efficiency	78,2 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 (L 80 B 50)  
100,000 h (L 90 B 50)

Ambient temperature  $t_a = 50\text{ }^\circ\text{C}$   
LED psu: 50,000 h  
LED module: 104,000 h (L 80 B 50)  
100,000 h (L 80 B 50)

**Article No. 33 158**

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**

**Accessories**

**10 438** Installation housing  
**13 524** Installation housing for installation in insulated façades (EWIS)

**10 038** Plaster frame  
**13 508** Plaster frame flush

A separate instructions for use can be provided upon request.

**Light distribution**