

**BEGA****33 159**

Recessed luminaire



Project · Reference number

Date

## Product data sheet

### Application

Unshielded LED-luminaire for installation in walls.

### 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, max. 5G1.5<sup>□</sup>  
 Connecting terminal and earth conductor terminal 2.5<sup>□</sup>  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 170-280 V  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 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:  
 B10A: 31 luminaires  
 B16A: 50 luminaires  
 C10A: 52 luminaires  
 C16A: 85 luminaires

### Lamp

Module connected wattage	20.5 W
Luminaire connected wattage	24 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 35$ °C
When installed in heat-insulating material	$t_{a \max} = 25$ °C

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

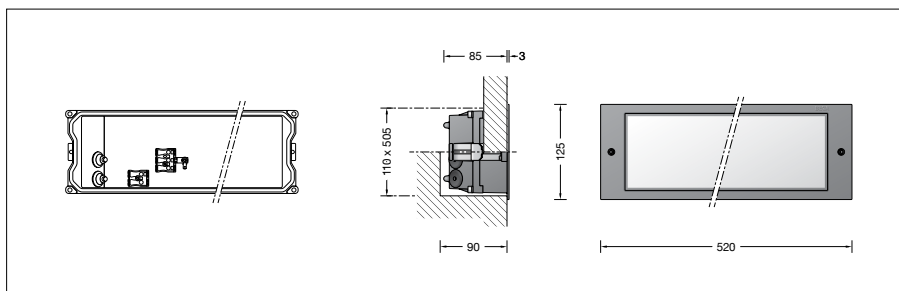
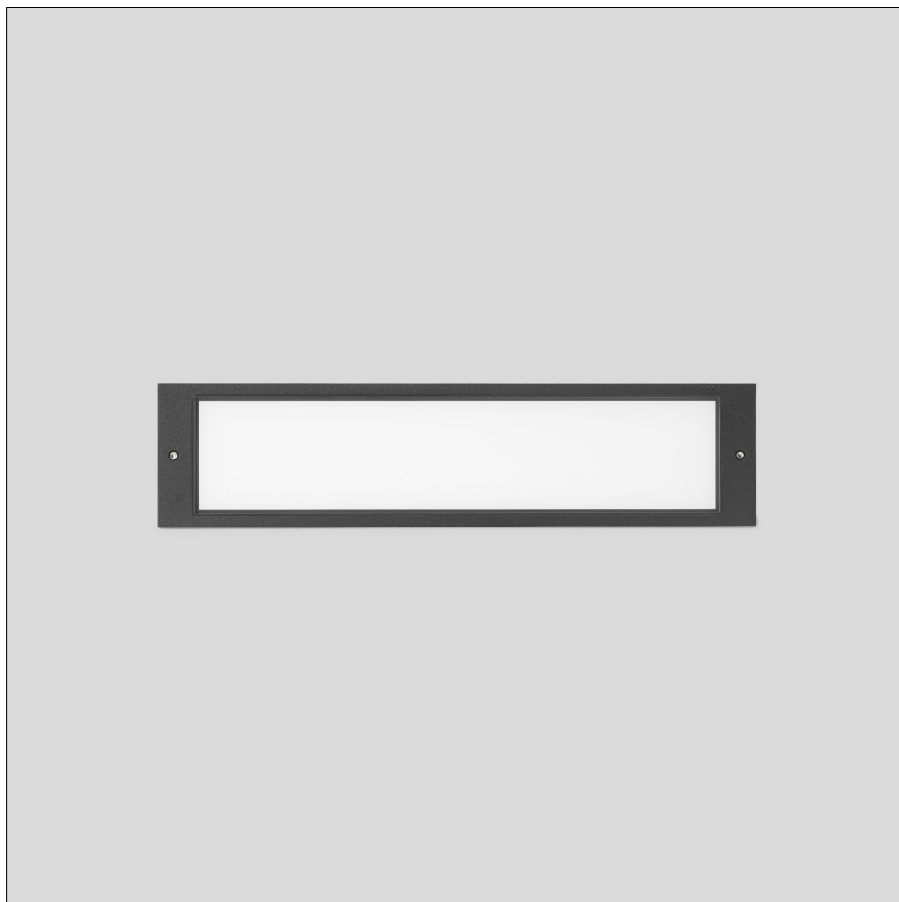
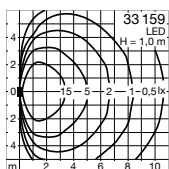
### 33 159 K3

Module designation	LED-0568/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2825 lm
Luminaire luminous flux	1720 lm
Luminaire luminous efficiency	71,7 lm/W

### 33 159 K4

Module designation	LED-0568/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2825 lm
Luminaire luminous flux	1720 lm
Luminaire luminous efficiency	71,7 lm/W

### Light distribution



### Lifetime of the LED

Ambient temperature  $t_a = 25$  °C  
 – at 207,000h: L70B50  
 max. ambient temperature  $t_a = 35$  °C  
 – at 207,000h: 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).

### Article No. 33 159

LED colour temperature optionally 3000K or 4000K  
 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.