

BEGA**33 155**

Recessed luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded LED-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 315 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 \square
Connecting terminal and earth conductor terminal 2.5 \square
LED power supply unit
220-240 V \approx 0/50-60 Hz
DC 176-280 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: 2.0 kg

Lamp

Module connected wattage	12.3 W
Luminaire connected wattage	14.8 W
Rated temperature	$t_a = 25\text{ }^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 30\text{ }^\circ\text{C}$

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

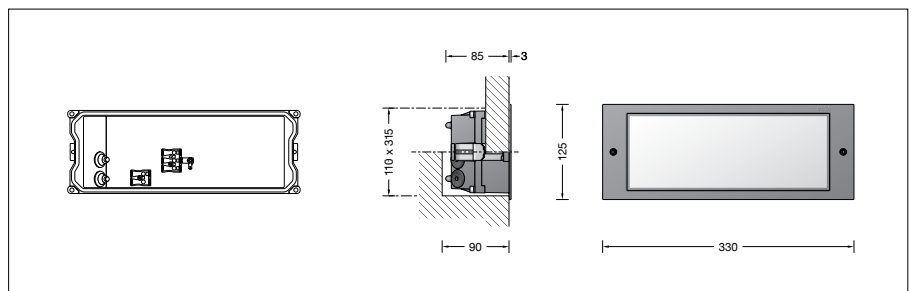
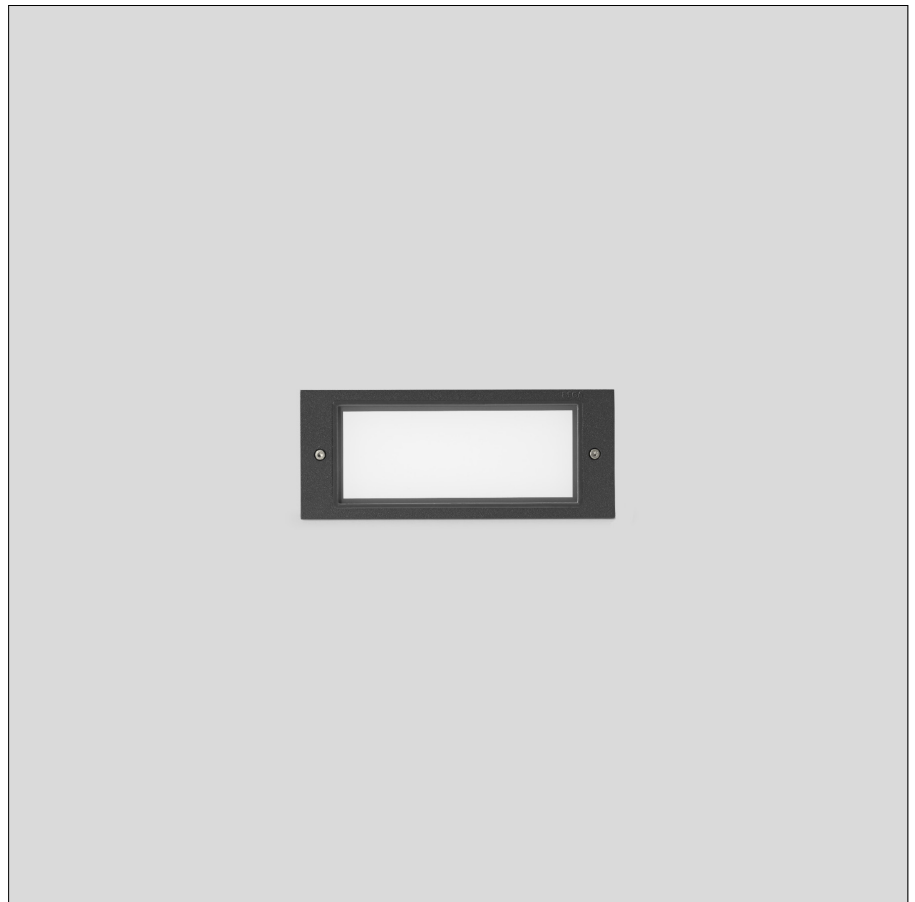
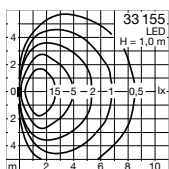
33 155 K3

Module designation	LED-0566/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1695 lm
Luminaire luminous flux	907 lm
Luminaire luminous efficiency	61,3 lm/W

33 155 K4

Module designation	LED-0566/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1695 lm
Luminaire luminous flux	907 lm
Luminaire luminous efficiency	61,3 lm/W

Light distribution



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 $t_a = 30\text{ }^\circ\text{C}$	
LED psu:	50,000 h
LED module:	170,000 h (L80 B50)
	100,000 h (L80 B50)

Inrush current

Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 31 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 85 luminaires

Article No. 33 155

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

10 436 Installation housing
13 522 Installation housing for installation in insulated façades (EWIS)
10 036 Plaster frame
13 506 Plaster frame flush

A separate instructions for use can be provided upon request.