

BEGA**33 168**

Recessed luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded LED-luminaire for installation in walls or stairs.
Installation possible in horizontal or vertical burning position.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass, white
Fixing is achieved by using two adjustable wedge-shaped claws
Required recessed opening 306 x 60 mm
Recessed depth 70 mm
2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm
Connection terminal 2.5²
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 170-280 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical impacts < 2 joule
 – Safety mark
CE – Conformity mark
Weight: 0.95 kg

Inrush current

Inrush current: 27 A / 250 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 17 luminaires
B 16 A: 27 luminaires
C 10 A: 28 luminaires
C 16 A: 46 luminaires

Lamp

Module connected wattage 7.8 W
Luminaire connected wattage 10.8 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 30^\circ\text{C}$

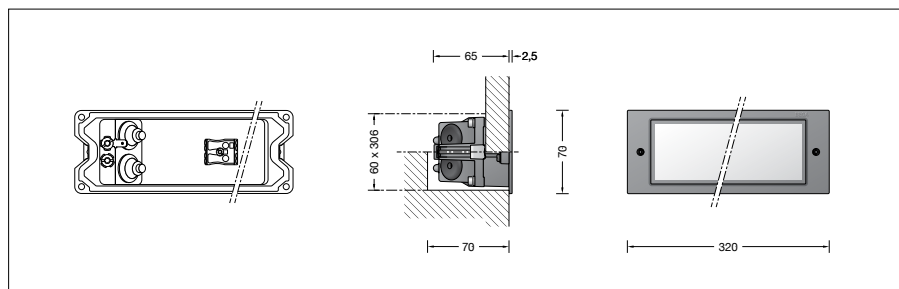
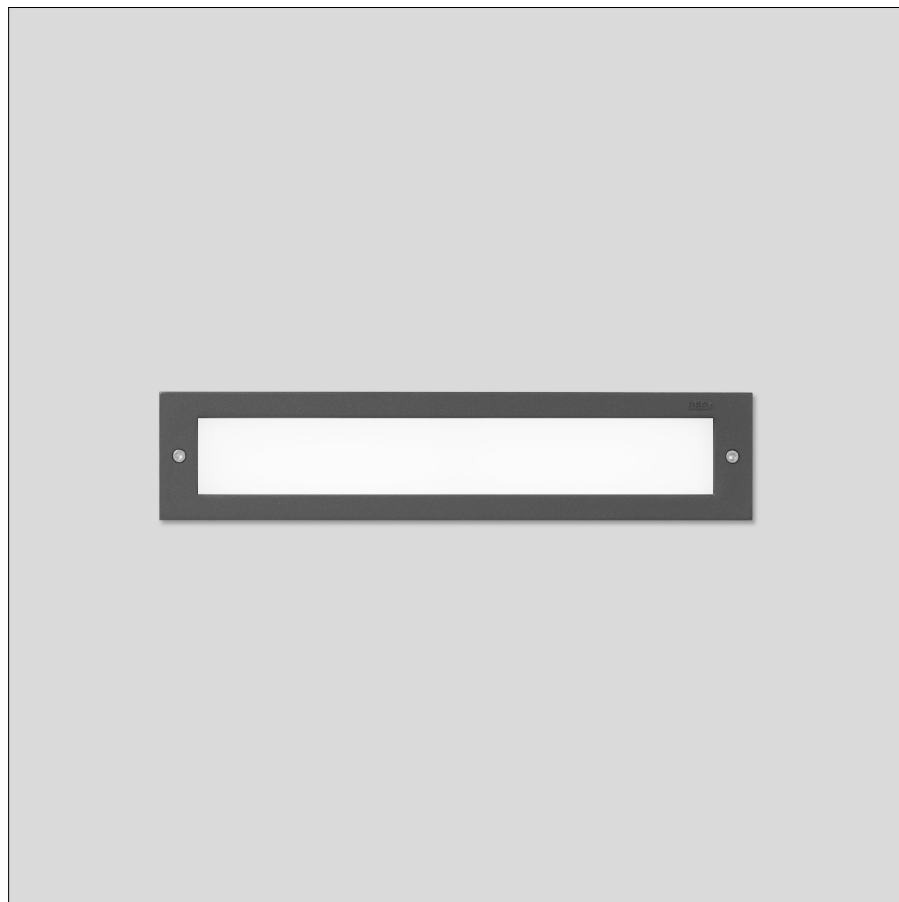
On request we can offer you modifications for environments with higher temperatures as a customized product.

33 168 K3

Module designation LED-0644/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 1360 lm
Luminaire luminous flux 701 lm
Luminaire luminous efficiency 64,9 lm/W

33 168 K4

Module designation LED-0644/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 1430 lm
Luminaire luminous flux 737 lm
Luminaire luminous efficiency 68,2 lm/W



Service life · Ambient temperature

Ambient temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: 115,000 h (L 80 B 50)
100,000 h (L 80 B 50)

Ambient temperature $t_a = 30^\circ\text{C}$
LED psu: 50,000 h
LED module: 110,000 h (L 80 B 50)
100,000 h (L 80 B 50)

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.

Article No. 33 168

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

10 426 Installation housing
13 521 Installation housing for installation in insulated façades (EWIS)

10 026 Plaster frame
13 505 Plaster frame flush

A separate instructions for use can be provided upon request.

Light distribution

