

BEGA**33 097**

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 40 x 310 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 2.5²
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 IK06
Protection against mechanical impacts < 1 joule
 – Safety mark
CE – Conformity mark
Weight: 0.8 kg

Inrush current

Inrush current: 7 A / 112 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 38 luminaires
B 16A: 61 luminaires
C 10A: 64 luminaires
C 16A: 102 luminaires

Lamp

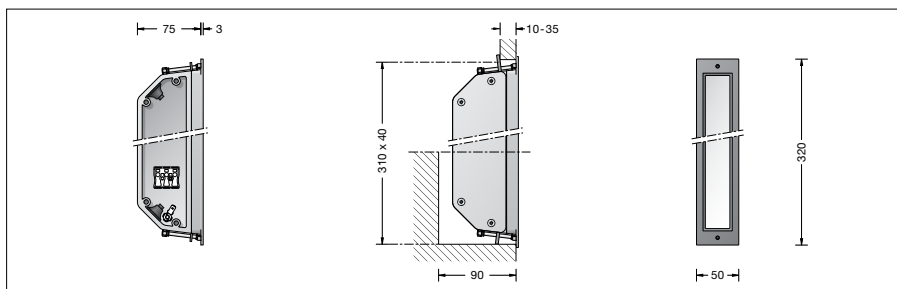
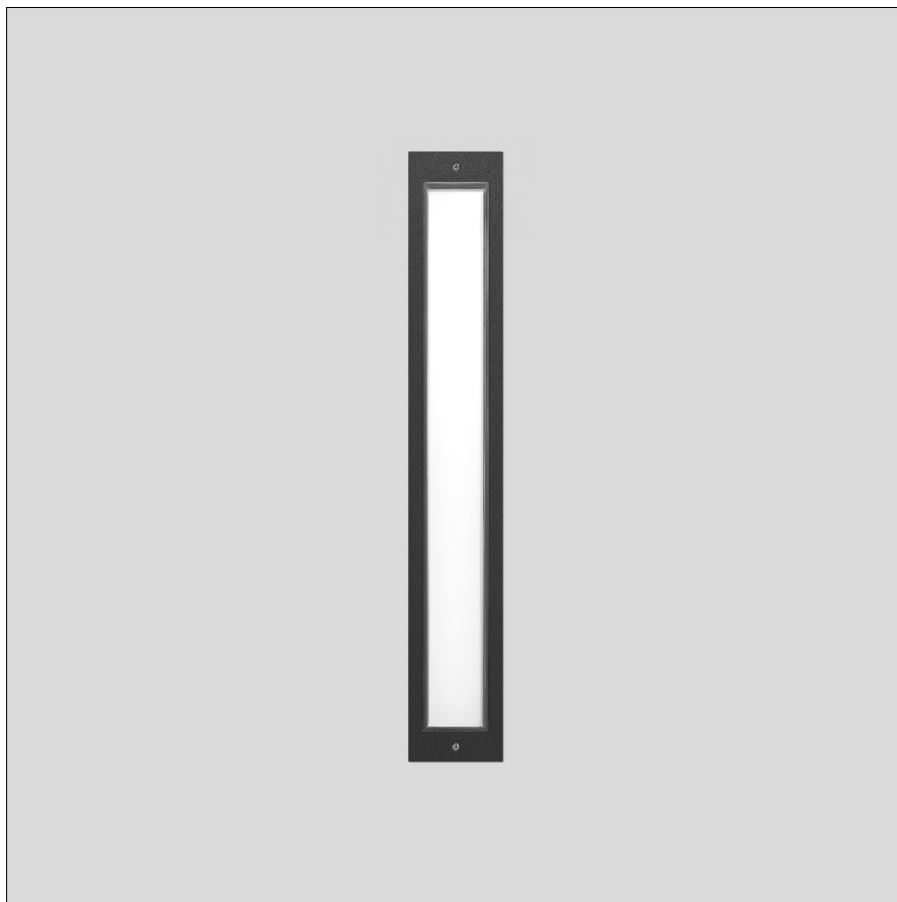
Module connected wattage	4.7 W
Luminaire connected wattage	5.8 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 55^\circ\text{C}$
When installed in heat-insulating material	$t_{a\text{max}} = 50^\circ\text{C}$

33 097 K3

Module designation	LED-0335/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	970 lm
Luminaire luminous flux	321 lm
Luminaire luminous efficiency	55,3 lm/W

33 097 K4

Module designation	LED-0335/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	995 lm
Luminaire luminous flux	329 lm
Luminaire luminous efficiency	56,7 lm/W



Service life · Ambient temperature

Ambient temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)

Ambient temperature $t_a = 55^\circ\text{C}$	
LED psu:	50,000 h
LED module:	81,000 h (L 80 B 50)
	100,000 h (L 70 B 50)

Article No. 33 097

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

10 455 Installation housing
10 059 Plaster frame
10 079 Plaster frame flush

A separate instructions for use can be provided upon request.

Light distribution

