

**BEGA****33 096**

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 210 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>2</sup>  
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: 0.6 kg

### Inrush current

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

### Lamp

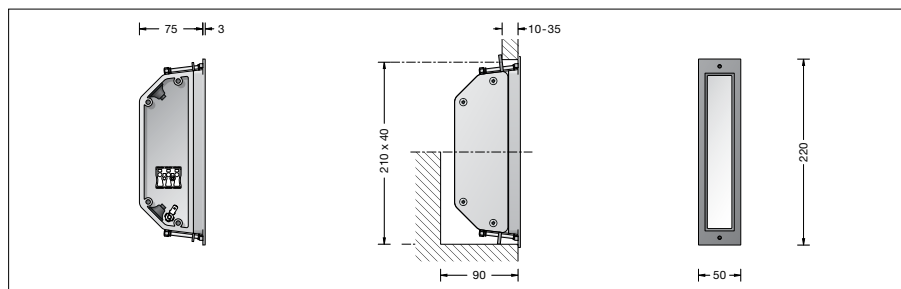
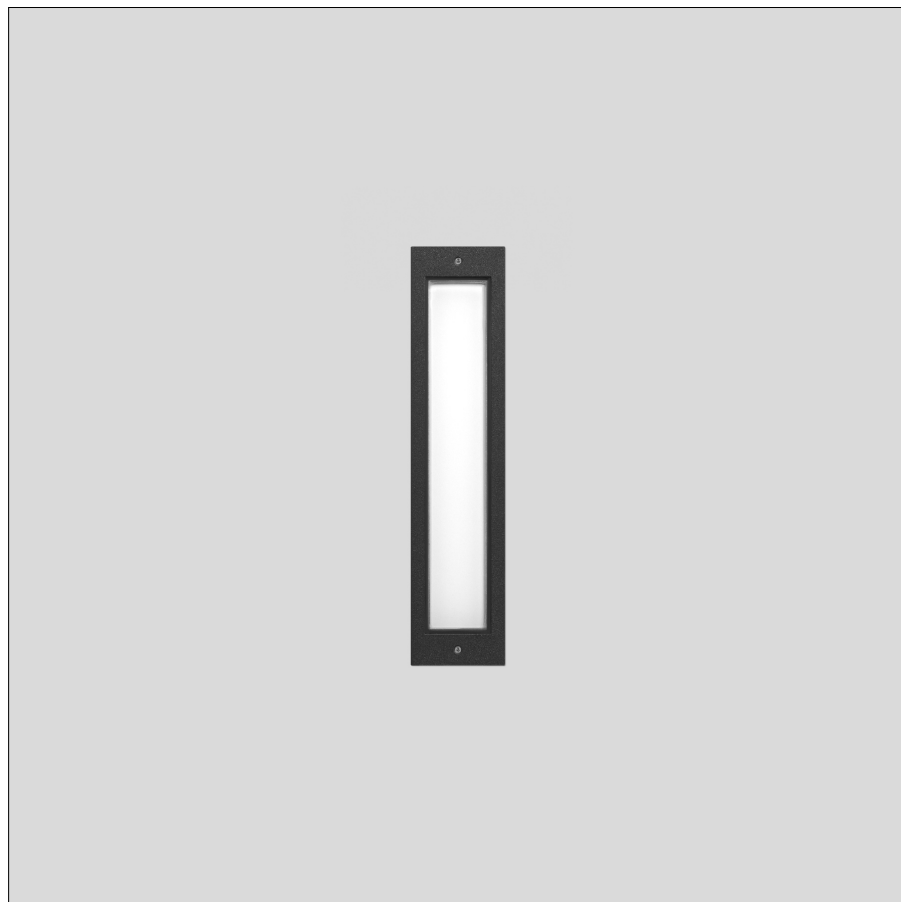
Module connected wattage	2.8 W
Luminaire connected wattage	3.9 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 60^\circ\text{C}$
When installed in heat-insulating material	$t_{a\text{max}} = 55^\circ\text{C}$

### 33 096 K3

Module designation	LED-0334/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	485 lm
Luminaire luminous flux	136 lm
Luminaire luminous efficiency	34,9 lm/W

### 33 096 K4

Module designation	LED-0334/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	510 lm
Luminaire luminous flux	143 lm
Luminaire luminous efficiency	36,7 lm/W



### Service life · Ambient temperature

Rated 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 $t_{a\text{max}} = 60^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	59,000 h (L 80 B 50)
	89,000 h (L 70 B 50)

### Article No. 33 096

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

**10 454** Installation housing  
**10 054** Plaster frame  
**10 074** Plaster frame flush

A separate instructions for use can be provided upon request.

### 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).

### Light distribution

