

BEGA**33 172**

Recessed luminaire



Project · Reference number

Date

Product data sheet

Application

Recessed LED location luminaire for installation in walls or stairs.
Installation possible in horizontal or vertical burning position.

Product description

Luminaire made of stainless steel
Steel grade no. 1.4301
Safety glass, white
Silicone gasket
Required recessed opening 306 x 60 mm
Recessed depth 90 mm
Fixing is achieved by using two adjustable wedge-shaped claws
Connecting cable H05RN-F 3 x 1[□]
Cable length 0,2 m
Enclosed line connector for through-wiring of mains supply cable \varnothing 6,5 - 12 mm max. 3 x 4[□]
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 IK08
Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
Weight: 1.1 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

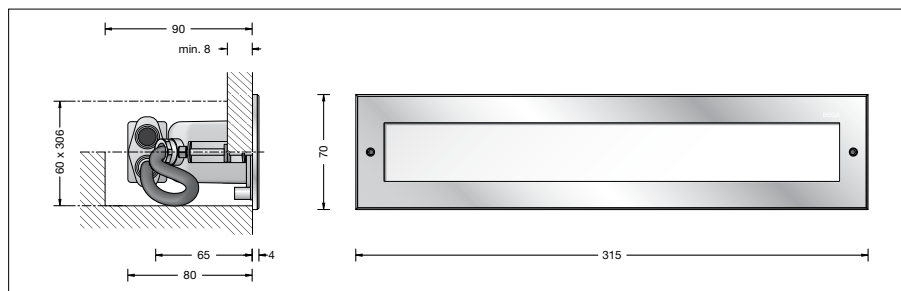
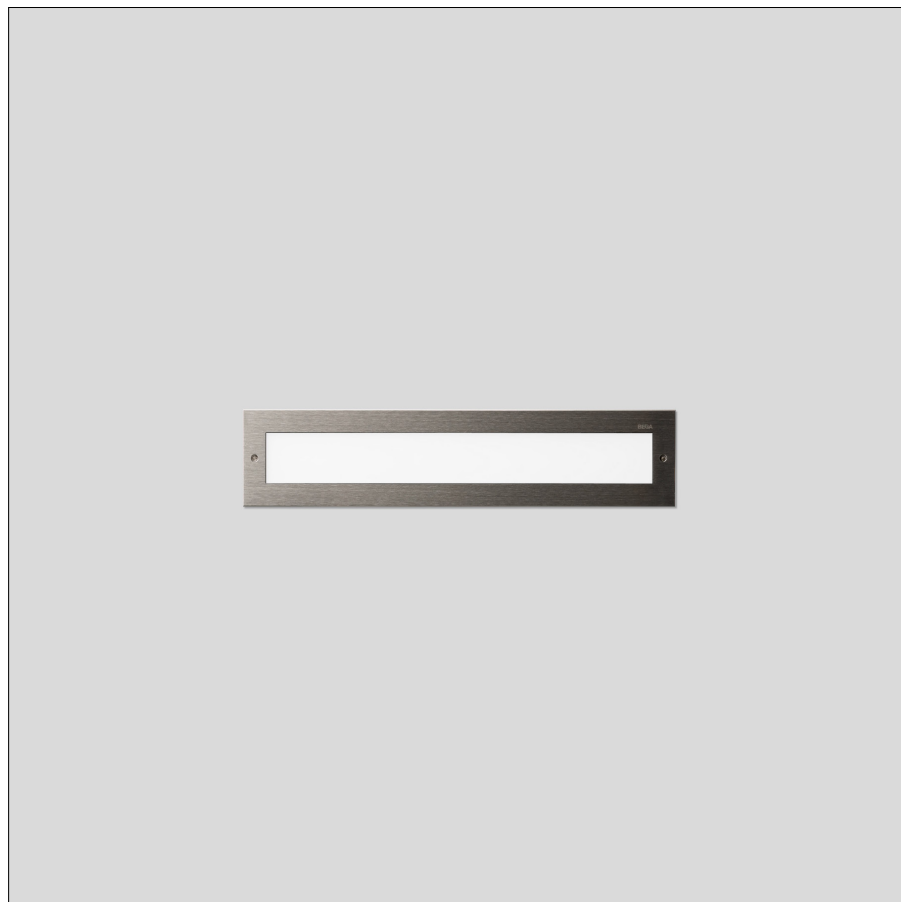
Module connected wattage	2.8 W
Luminaire connected wattage	3.9 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 50^\circ\text{C}$
When installed in heat-insulating material	$t_{a\text{max}} = 45^\circ\text{C}$

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Module designation	LED-0317/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	590 lm
Luminaire luminous flux	196 lm
Luminaire luminous efficiency	50,3 lm/W

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Module designation	LED-0317/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	605 lm
Luminaire luminous flux	201 lm
Luminaire luminous efficiency	51,5 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000h
LED module: > 200,000h (L80B50)
100,000h (L90B50)

Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$ (100 %)
LED psu: 50,000h
LED module: 129,000h (L80B50)

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. 33 172

LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Accessories

10 426 Installation housing

A separate instructions for use can be provided upon request.

Light distribution