

BEGA**33 312**

Ceiling and wall luminaire



Project · Reference number

Date



Product data sheet

Application

Large-area LED luminaire with high light output for installation on ceilings and walls.

An optical system with a layered structure of micro-structured and light-directing layers precisely matched to our LED modules ensures glare-free light and high visual comfort.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel

Safety glass, white

Silicone gasket

8 fixing holes \varnothing 7 mm

2 cable entries for through-wiring of mains

supply cable \varnothing 7-10.5 mm, max. 5 G 1.5[□]

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-280 V

DALI controllable

or dimmable 1-10 V

SELV (safety extra-low voltage)

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: 22.7 kg

Inrush current

Inrush current: 35 A / 400 μ s

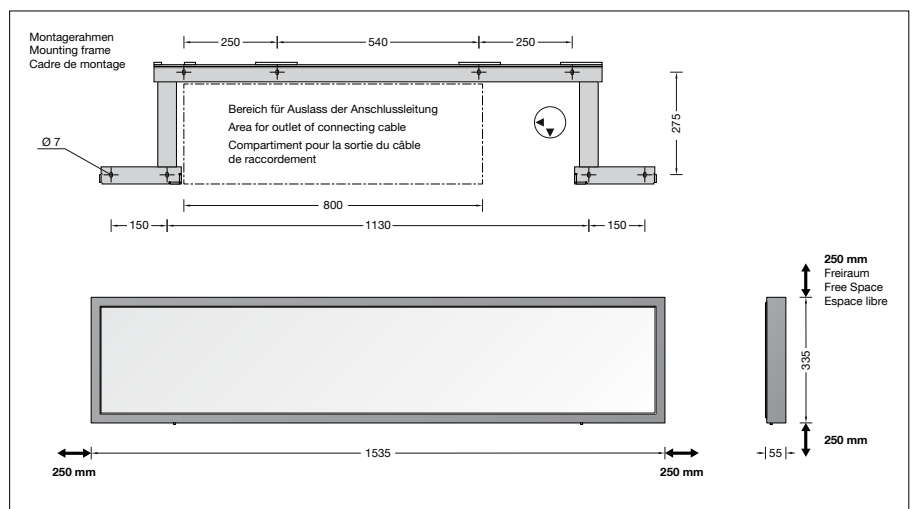
Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 4 luminaires

B16A: 7 luminaires

C10A: 8 luminaires

C16A: 12 luminaires



Lamp

Module connected wattage 102.6 W

Luminaire connected wattage 116 W

Rated temperature $t_a = 25^\circ\text{C}$

Ambient temperature $t_{a\text{max}} = 45^\circ\text{C}$

Service life · Ambient temperature

Ambient temperature $t_a = 25^\circ\text{C}$

LED psu: > 50,000 h

LED module: 115,000 h (L80B50)

100,000 h (L80B50)

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

Ambient temperature $t_a = 45^\circ\text{C}$

LED psu: 50,000 h

LED module: 105,000 h (L80B50)

100,000 h (L80B50)

33 312 K3

Module designation 6x LED-0735/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 16350 lm

Luminaire luminous flux 7246 lm

Luminaire luminous efficiency 62,5 lm/W

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.

33 312 K4

Module designation 6x LED-0735/840

Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 17160 lm

Luminaire luminous flux 7605 lm

Luminaire luminous efficiency 65,6 lm/W

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LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Colour optionally graphite, white or silver

Graphite – Article number

White – Article number + **W**

Silver – Article number + **A**

Light distribution

