

BEGA**12147**

Ceiling and wall luminaire for indoor use

IP 44

Project · Reference number

Date

Product data sheet**Application**

Ceiling and wall luminaire · indoor luminaire · made of hand-blown opal glass, satin matt and aluminium alloy housing, for all lighting tasks in interior applications.

They are ideal for places where a soft and uniform lighting distribution is required.

The used LED technique offers durability and optimal light output with low power consumption at the same time.

Luminaire with a high protection class.

Product description

Luminaire made of aluminium alloy, finish white enamel

Hand-blown opal glass, satin matt

2 fixing holes \varnothing 5.5 mm

110 mm spacing

2 cable entries for through-wiring for mains

cable up to \varnothing 11 mm max. 5 x 1.5[□]

Connecting terminal 2.5[□]

Earth conductor connection

2-pole connecting terminal for digital control

LED power supply unit

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

DALI controllable

A basic isolation exists between power cable and control line

Safety class I

Protection class IP 44

Protected against granular foreign bodies

> 1 mm and splash water

CE – Conformity mark

Weight: 1.9 kg

Inrush current

Inrush current: 5 A / 50 μ s

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

B 10A: 30 luminaires

B 16A: 50 luminaires

C 10A: 52 luminaires

C 16A: 80 luminaires

Lamp

Module connected wattage 10.6 W

Luminaire connected wattage 13 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a,max} = 35$ °C

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Module designation 2x LED-0343/830

Colour temperature 3000 K

Colour rendering index $R_a > 80$

Module luminous flux 1230 lm

Luminaire luminous flux 837 lm

Luminaire luminous efficiency 64,4 lm/W

12147 K4

Module designation 2x LED-0343/840

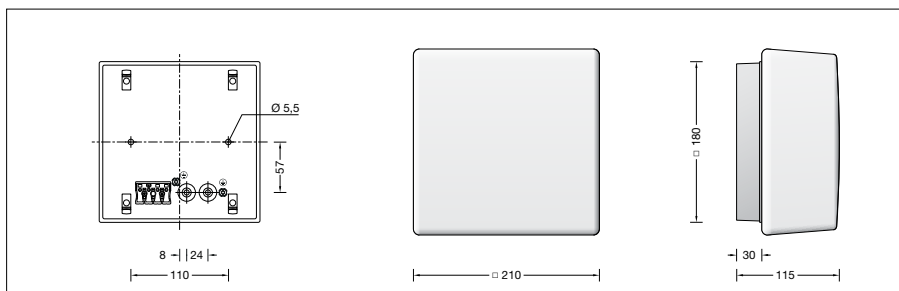
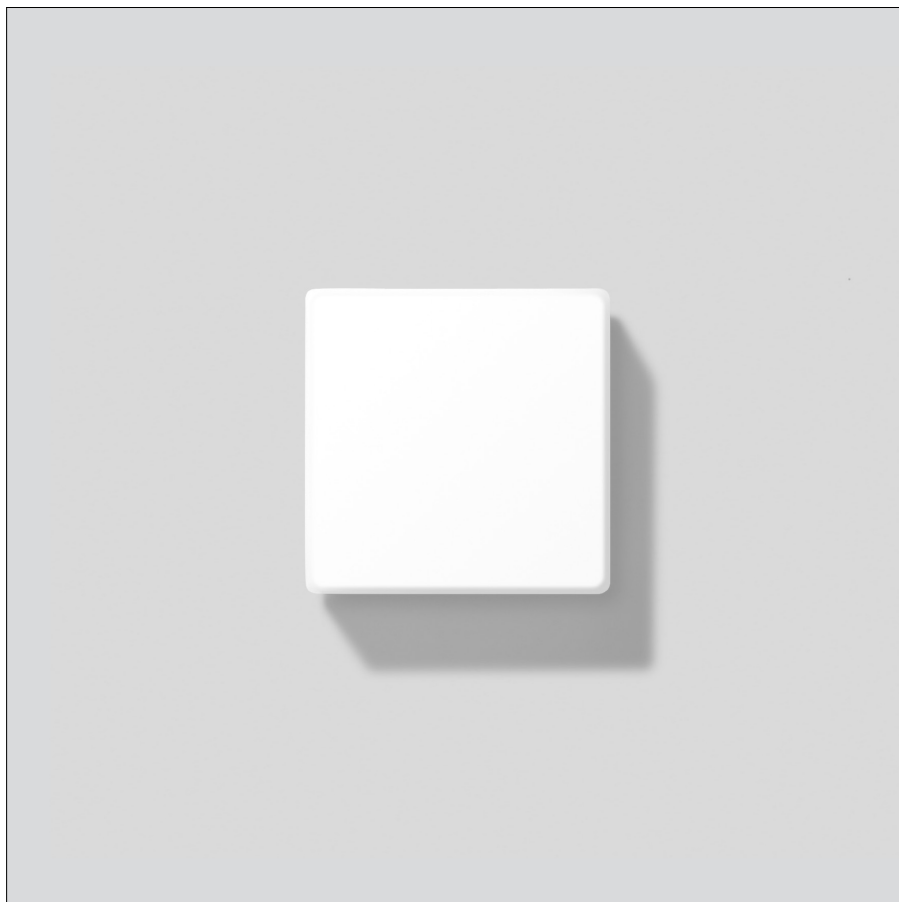
Colour temperature 4000 K

Colour rendering index $R_a > 80$

Module luminous flux 1320 lm

Luminaire luminous flux 898 lm

Luminaire luminous efficiency 69,1 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15$ °C

– at 50,000 h: L90 B10

– at > 500,000 h: L70 B50

Ambient temperature $t_a = 25$ °C

– at 50,000 h: L90 B10

– at 420,000 h: L70 B50

max. ambient temperature $t_a = 35$ °C

– at 50,000 h: L90 B10

– at 310,000 h: L70 B50

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LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number

4000 K – Article number + **K4**