

**BEGA****12 148**

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. They are ideal for places where a soft and uniform lighting distribution is required. Luminaire with a high protection class.

**Product description**

Luminaire made of aluminium alloy, finish white enamel  
 Hand-blown opal glass, satin matt  
 2 mounting holes  $\varnothing$  5 mm  
 Distance apart 170 mm  
 2 cable entries for through-wiring for mains cable up to  $\varnothing$  11 mm max.  $5 \times 1.5^{\square}$   
 Connection terminal  $2.5^{\square}$   
 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: 3.2 kg

**Inrush current**

Inrush current: 5 A / 50  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B10A: 31 luminaires  
 B16A: 50 luminaires  
 C10A: 52 luminaires  
 C16A: 85 luminaires

**Lamp**

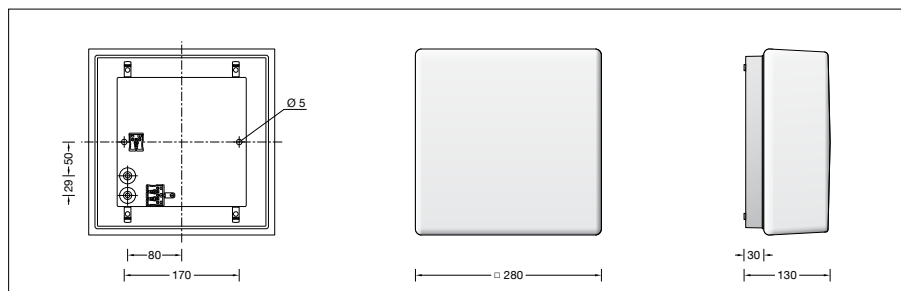
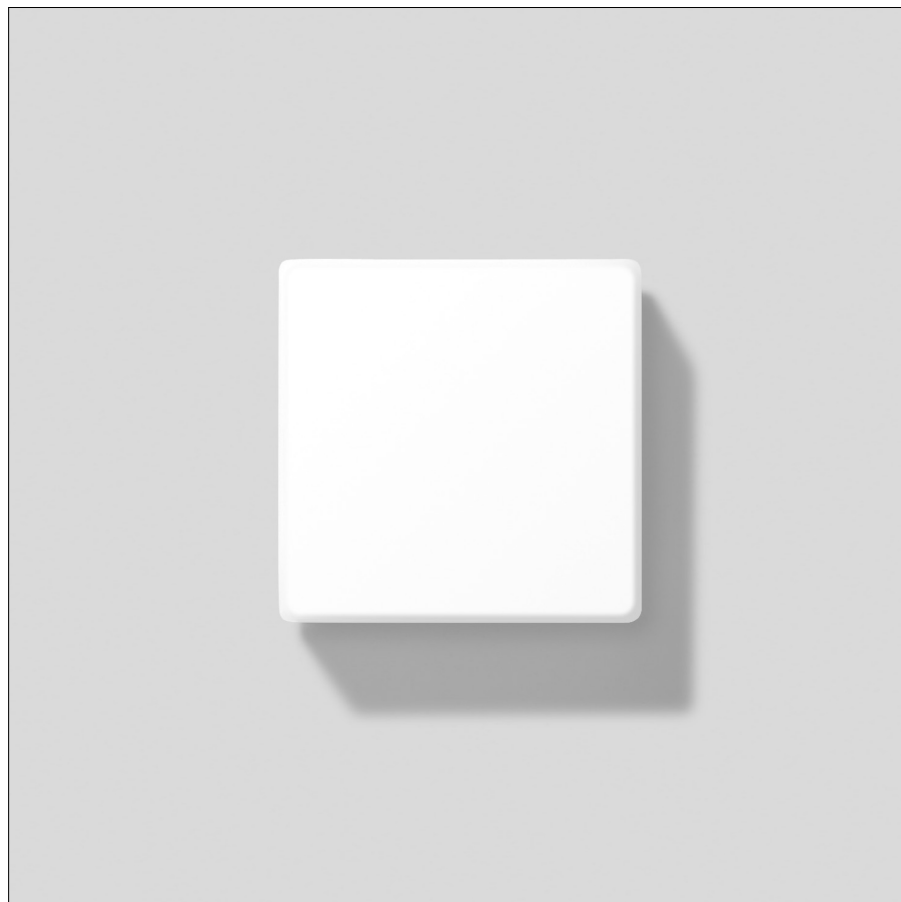
Module connected wattage	13.4 W
Luminaire connected wattage	15.6 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a \text{ max}} = 40^{\circ}\text{C}$

**12 148 K3**

Module designation	2x LED-0262/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2200 lm
Luminaire luminous flux	1548 lm
Luminaire luminous efficiency	99,2 lm/W

**12 148 K4**

Module designation	2x LED-0262/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2270 lm
Luminaire luminous flux	1597 lm
Luminaire luminous efficiency	102,4 lm/W

**Lifetime of the LED**

Ambient temperature  $t_a = 25^{\circ}\text{C}$   
 – at > 500,000h: L70B50  
 max. ambient temperature  $t_a = 40^{\circ}\text{C}$   
 – at 324,000h: L70B50

**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).

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