

BEGA**12 142**

Ceiling and wall luminaire for indoor use

Project · Reference number

Date

Product data sheet

Application

Ceiling and wall luminaire · indoor luminaire made of hand-blown opal glass and metal housing, for all lighting tasks in interior applications. They are ideal for places where a soft and uniform lighting distribution is required. Luminaire with motion sensor.

Product description

Metal housing,
finish white enamel
Hand-blown opal glass, satin matt,
with bayonet closure
Integrated HF-motion sensor,
maximum range 10 m
2 mounting holes \varnothing 5.5 mm
Distance apart 230 mm
2 cable entries for through-wiring for mains
cable up to \varnothing 10.5 mm max. 3×1.5^2
Connecting terminal 2.5^2
Earth conductor connection
LED power supply unit
230 V \sim 50 Hz
Safety class I
Impact strength IK03
Protection against mechanical
impacts < 0.35 joule
CE – Conformity mark
Weight: 2.4 kg

Inrush current

Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 31 luminaires
B 16A: 50 luminaires
C 10A: 52 luminaires
C 16A: 85 luminaires

Lamp

Module connected wattage 16.8 W
Luminaire connected wattage 21.9 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 35^\circ\text{C}$

12 142 K3

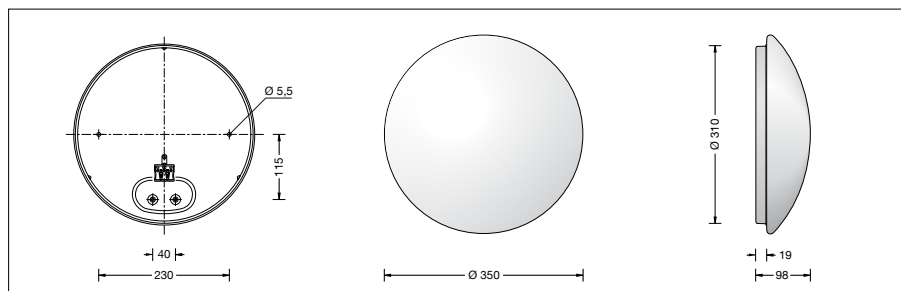
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 2110 lm
Luminaire luminous flux 1437 lm
Luminaire luminous efficiency 65,6 lm/W

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Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 2095 lm
Luminaire luminous flux 1425 lm
Luminaire luminous efficiency 65,1 lm/W

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Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 2185 lm
Luminaire luminous flux 1488 lm
Luminaire luminous efficiency 67,9 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15^\circ\text{C}$
– at 50,000h: L90B10
– at 353,000h: L70B50

Ambient temperature $t_a = 25^\circ\text{C}$
– at 50,000h: L80B10
– at 190,000h: L70B50

max. ambient temperature $t_a = 35^\circ\text{C}$
– at 50,000h: L80B50
– at 106,000h: 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.

Article No. 12 142

LED colour temperature optionally 3000 K, 2700 K or 4000 K
3000 K – Article number + **K3**
2700 K – Article number + **K2**
4000 K – Article number + **K4**

If the article number is followed by a **P**, we can also supply these luminaires in impact-resistant synthetic material.

Accessory · Trim rings

For this luminaire metal cover rings in 3 enamel surfaces are optional available. Trim rings are accessories and must be ordered separately.

Item	Part. No
Finish enamel white	13 004
Finish enamel palladium	13 005
Finish enamel glossy silver	13 006