

BEGA**12 137 P**

Ceiling and wall luminaire for indoor use

Project · Reference number

Date

Product data sheet**Application**

LED-ceiling and wall luminaire · indoor luminaire made of impact resistant synthetic diffuser and metal housing, for all lighting tasks. 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
Impact resistant synthetic diffuser, white, with bayonet closure
Integrated HF-motion sensor, maximum range 10 m
2 mounting holes \varnothing 5.5 mm
Distance apart 180 mm
2 cable entries for through-wiring for mains cable up to \varnothing 10.5 mm max. $3 \times 1.5^{\square}$
Connecting terminal 2.5^{\square}
Earth conductor connection
LED power supply unit
230 V \sim 50 Hz
Safety class I
CE – Conformity mark
Weight: 1.5 kg

Inrush current

Inrush current: 1 A / 40 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 50 luminaires
B 16A: 80 luminaires
C 10A: 50 luminaires
C 16A: 80 luminaires

Lamp

Module connected wattage 11.9 W
Luminaire connected wattage 17.1 W
Rated temperature $t_a = 25^{\circ}\text{C}$
Ambient temperature $t_{a\text{max}} = 30^{\circ}\text{C}$

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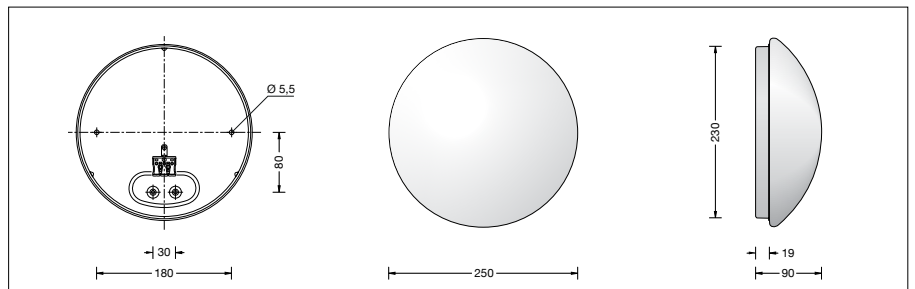
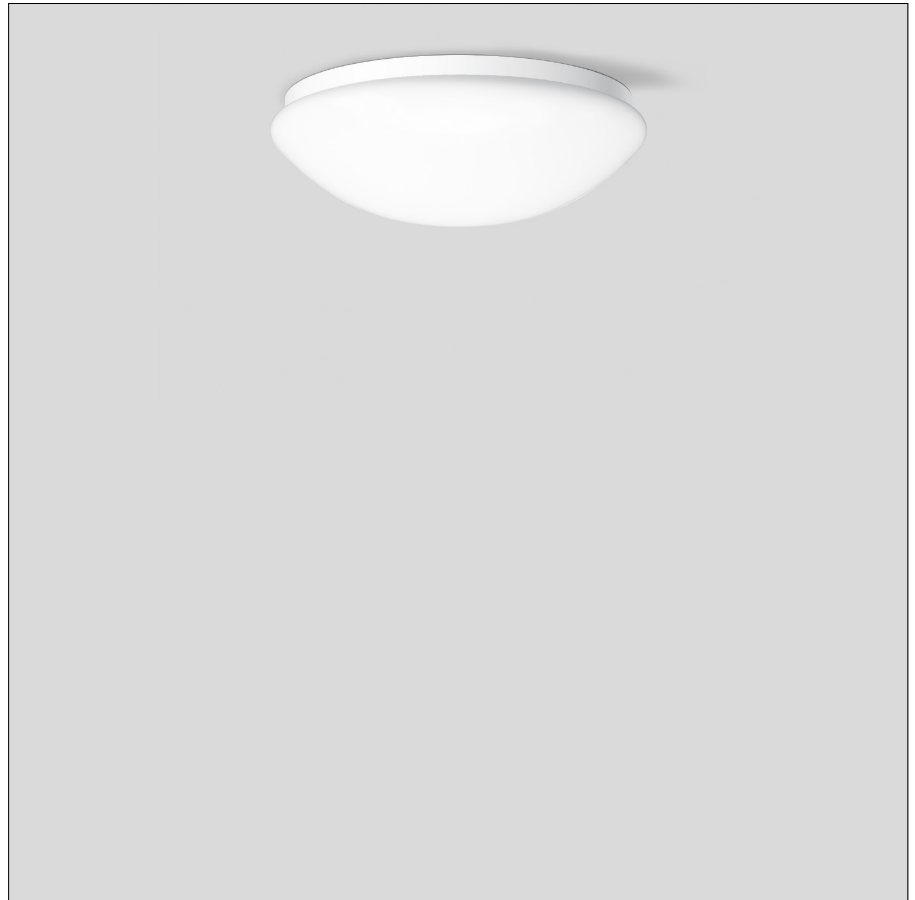
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 1515 lm
Luminaire luminous flux 1154 lm
Luminaire luminous efficiency 67,5 lm/W

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Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 1505 lm
Luminaire luminous flux 1146 lm
Luminaire luminous efficiency 67 lm/W

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Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 1570 lm
Luminaire luminous flux 1196 lm
Luminaire luminous efficiency 69,9 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15^{\circ}\text{C}$
– at 50,000 h: L90 B10
– at 335,000 h: L70 B50
Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 50,000 h: L80 B10
– at 181,000 h: L70 B50

max. ambient temperature $t_a = 30^{\circ}\text{C}$
– at 50,000 h: L80 B50
– at 102,000 h: L70 B50

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.

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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**

Accessory · Trim rings

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

Item	Part. No
Finish enamel white	13 001
Finish enamel palladium	13 002
Finish enamel glossy silver	13 003