

BEGA**12 137**

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 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
Impact strength IK02
Protection against mechanical
impacts < 0.2 joule
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 $t_{a\text{max}} = 30^{\circ}\text{C}$

12 137 K3

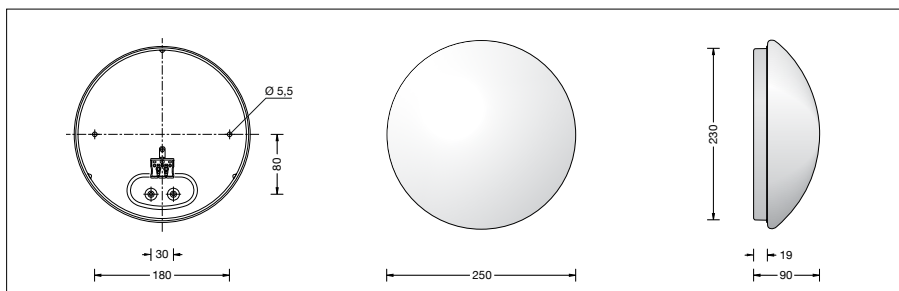
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 1515 lm
Luminaire luminous flux 899 lm
Luminaire luminous efficiency 52,6 lm/W

12 137 K2

Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 1505 lm
Luminaire luminous flux 893 lm
Luminaire luminous efficiency 52,2 lm/W

12 137 K4

Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 1570 lm
Luminaire luminous flux 931 lm
Luminaire luminous efficiency 54,4 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.

Article No. 12 137

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

Item	Part. No
Finish enamel white	13001
Finish enamel palladium	13002
Finish enamel glossy silver	13003