

BEGA**50 312 P**

Ceiling and wall luminaire for indoor use

Project · Reference number

Date

Product data sheet**Application**

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
Integrated HF-motion sensor,
maximum range 10 m
2 mounting holes \varnothing 6 mm
Distance apart 230 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: 2.2 kg

Inrush current

Inrush current: 5 A / 50 μ 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 15.3 W
Luminaire connected wattage 18.8 W
Rated temperature $t_a = 25^{\circ}\text{C}$
Ambient temperature $t_{a\text{max}} = 45^{\circ}\text{C}$

50 312 P K3

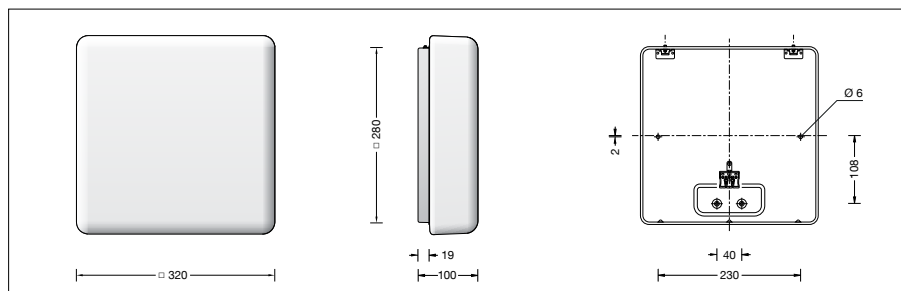
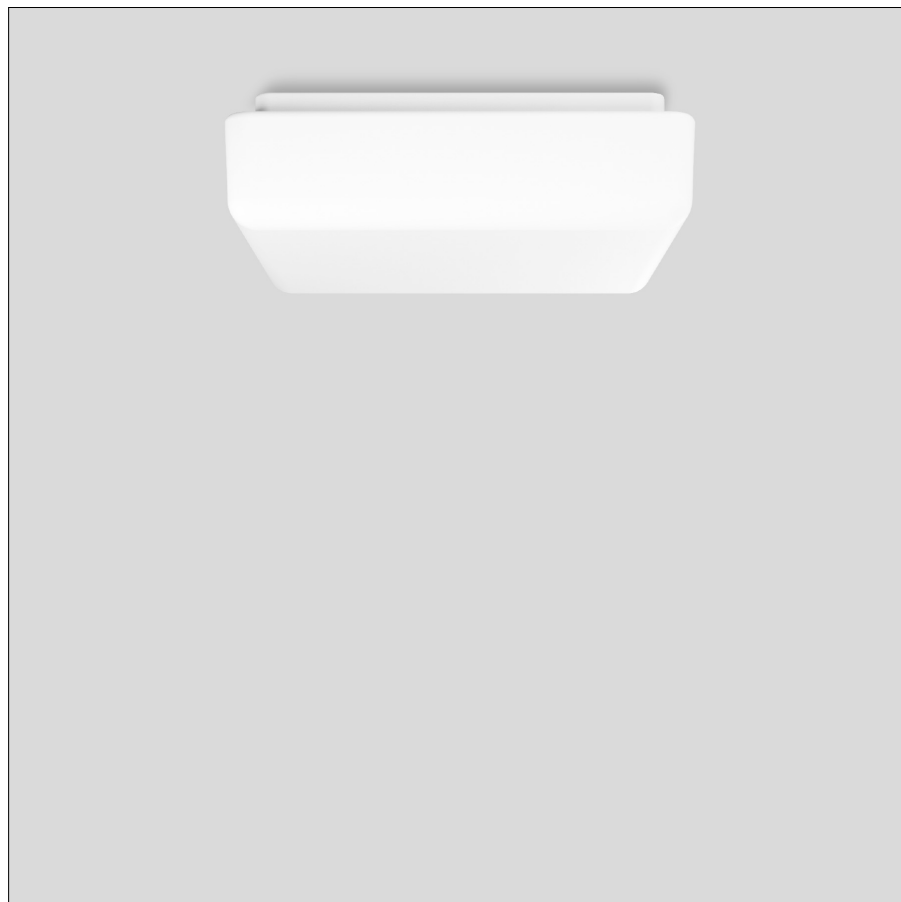
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 2515 lm
Luminaire luminous flux 2121 lm
Luminaire luminous efficiency 112,8 lm/W

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Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 2455 lm
Luminaire luminous flux 2070 lm
Luminaire luminous efficiency 110,1 lm/W

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Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 2595 lm
Luminaire luminous flux 2188 lm
Luminaire luminous efficiency 116,4 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15^{\circ}\text{C}$
– at 50,000h: L90B10
– at > 500,000h: L70B50
Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 50,000h: L90B10
– at > 500,000h: L70B50

max. ambient temperature $t_a = 45^{\circ}\text{C}$
– at 50,000h: L80B10
– at 253,000h: L70B50

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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 frames

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

Finish enamel **white** **13 137**
Finish enamel **palladium** **13 138**
Finish enamel **glossy silver** **13 139**

Part. No