

BEGA**50 313**

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. 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
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. 3×1.5^2
Connection 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: 3.6 kg

Lamp

Module connected wattage 23.4 W
Luminaire connected wattage 28 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 40^\circ\text{C}$

50 313 K3

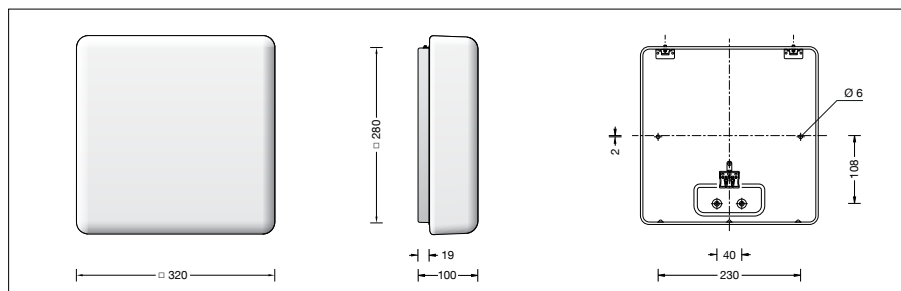
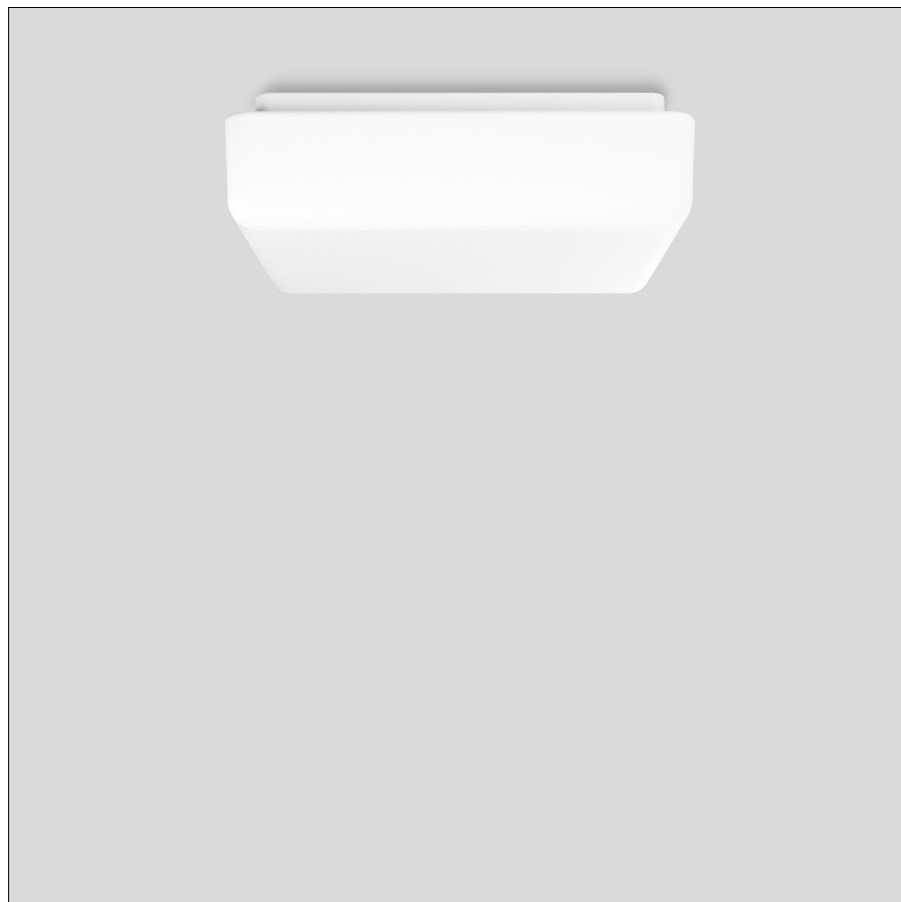
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 3680 lm
Luminaire luminous flux 2658 lm
Luminaire luminous efficiency 94,9 lm/W

50 313 K2

Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 3595 lm
Luminaire luminous flux 2596 lm
Luminaire luminous efficiency 92,7 lm/W

50 313 K4

Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 3800 lm
Luminaire luminous flux 2744 lm
Luminaire luminous efficiency 98 lm/W

**Service life of the LED**

Ambient temperature $t_a = 25^\circ\text{C}$
– at 431,000h: L70B50

max. ambient temperature $t_a = 40^\circ\text{C}$
– at 170,000h: L70B50

Inrush current

Inrush current: 20 A / 400 μs
Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 9 luminaires
B16A: 15 luminaires
C10A: 15 luminaires
C16A: 25 luminaires

Article No. 50 313

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