

BEGA**50 310**

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 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

Inrush current

Inrush current: 8 A / 80 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 100 luminaires
B 16A: 160 luminaires
C 10A: 120 luminaires
C 16A: 200 luminaires

Lamp

Module connected wattage	7.6 W
Luminaire connected wattage	10.5 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^{\circ}\text{C}$

50 310 K3

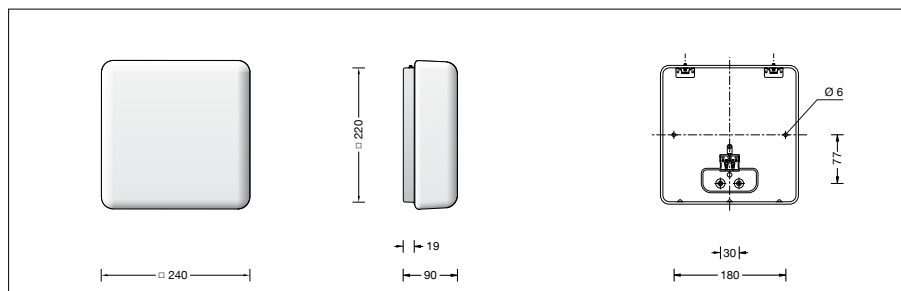
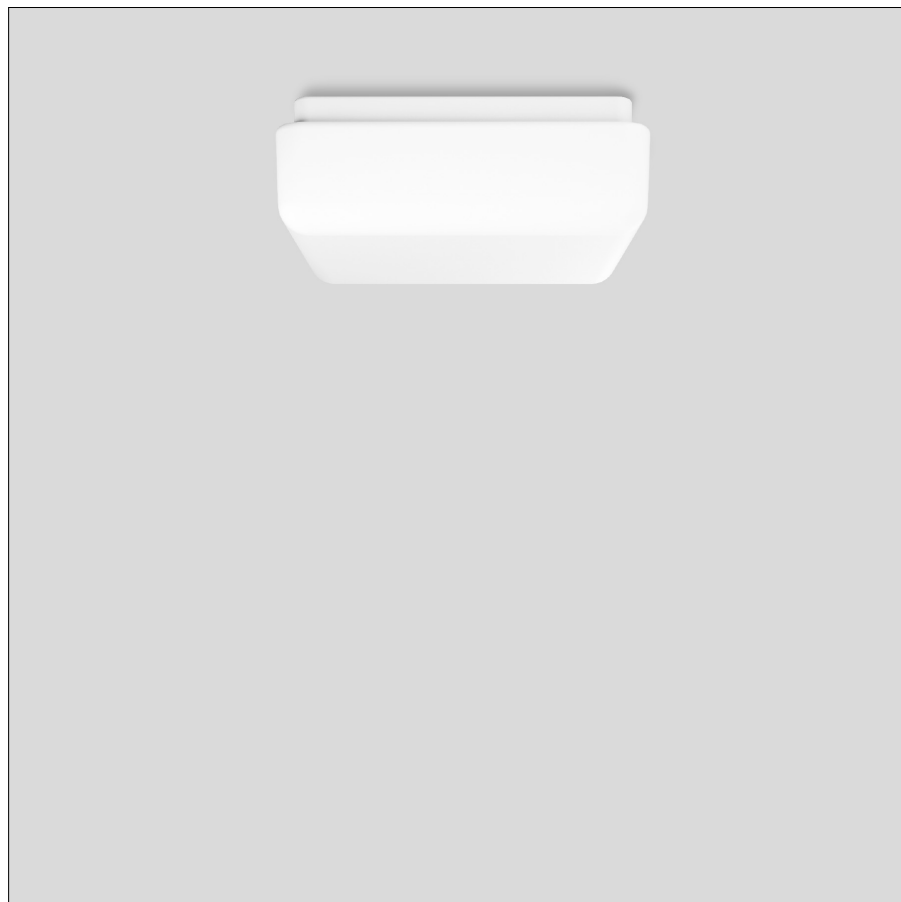
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1255 lm
Luminaire luminous flux*	810 lm
Luminaire luminous efficiency*	77,1 lm/W

50 310 K2

Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	1225 lm
Luminaire luminous flux*	789 lm
Luminaire luminous efficiency*	75,1 lm/W

50 310 K4

Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1295 lm
Luminaire luminous flux*	834 lm
Luminaire luminous efficiency*	79,4 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15^{\circ}\text{C}$
– at 50,000 h: L 90 B 10
– at > 500,000 h: L 70 B 50

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 50,000 h: L 90 B 10
– at > 500,000 h: L 70 B 50

max. ambient temperature $t_a = 45^{\circ}\text{C}$
– at 50,000 h: L 80 B 10
– at 260,000 h: L 70 B 50

Article No. 50 310

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 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	13 134
Finish enamel palladium	13 135
Finish enamel glossy silver	13 136

Part. No