

**BEGA****50 312**

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.  $3 \times 1.5^{\square}$   
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: 5 A / 50  $\mu$ 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 K3**

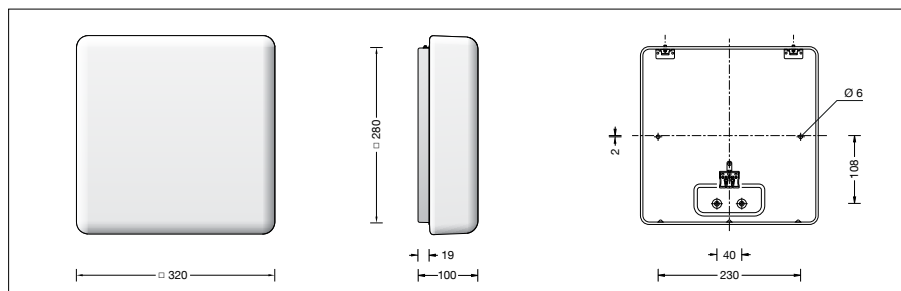
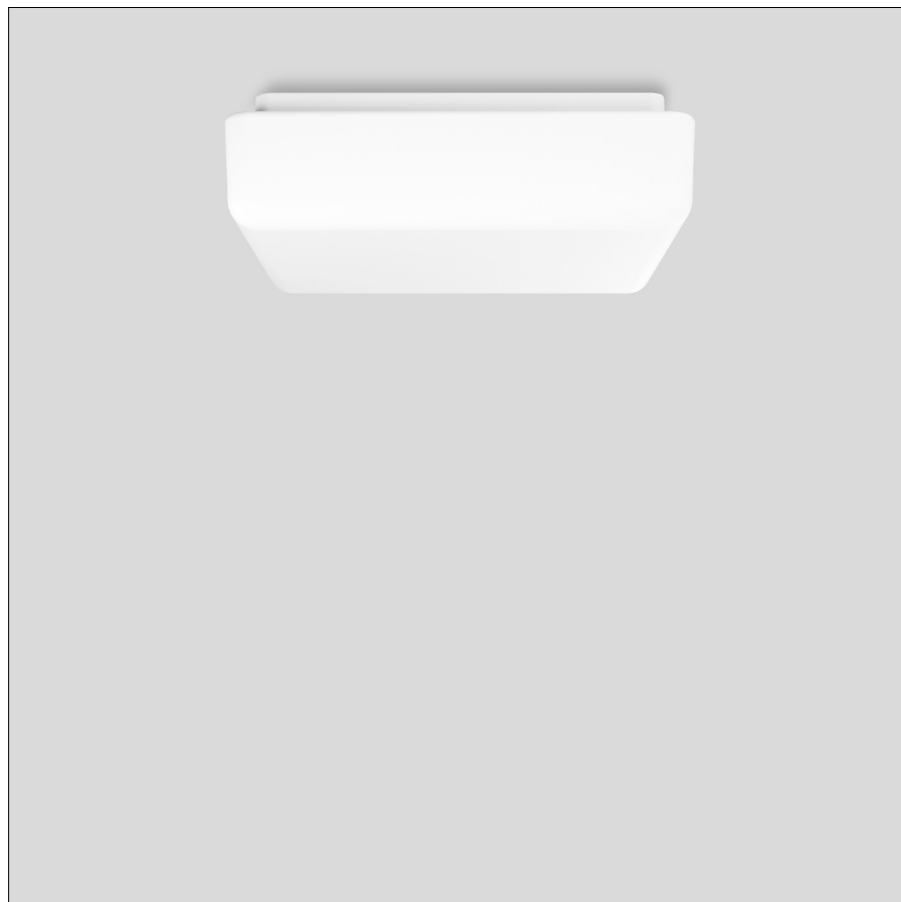
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2415 lm
Luminaire luminous flux*	1535 lm
Luminaire luminous efficiency*	81,6 lm/W

**50 312 K2**

Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	2455 lm
Luminaire luminous flux*	1498 lm
Luminaire luminous efficiency*	79,7 lm/W

**50 312 K4**

Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2595 lm
Luminaire luminous flux*	1980 lm
Luminaire luminous efficiency*	105,3 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

**Article No. 50 312**

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 <b>white</b>	<b>13 137</b>
Finish enamel <b>palladium</b>	<b>13 138</b>
Finish enamel <b>glossy silver</b>	<b>13 139</b>

Part. No