

BEGA**50 320 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 group module (Slave).

If several luminaires with group module (Slave) are to be networked together, the additional use of a luminaire with group module and HF-motion sensor (Master) is compulsory.

Product description

Metal housing,
finish white enamel
Impact resistant synthetic diffuser, white
Integrated group module,
maximum range 30 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: 2.9 kg

Inrush current

Inrush current: 5 A / 50 μ s

Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 31 luminaires

B 16A: 50 luminaires

C 10A: 52 luminaires

C 16A: 85 luminaires

Lamp

Module connected wattage	15.3 W
Luminaire connected wattage	18.6 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^{\circ}\text{C}$

50 320 P K3

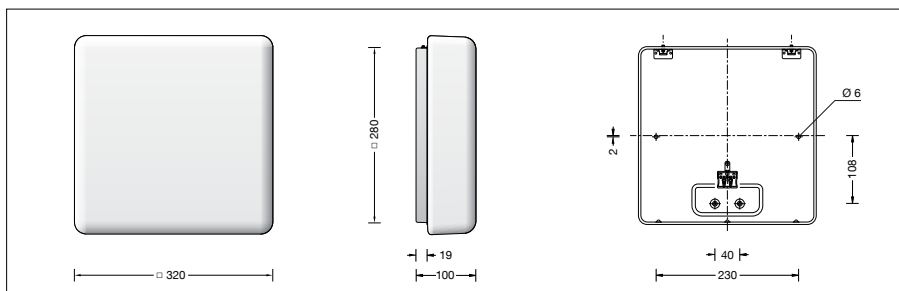
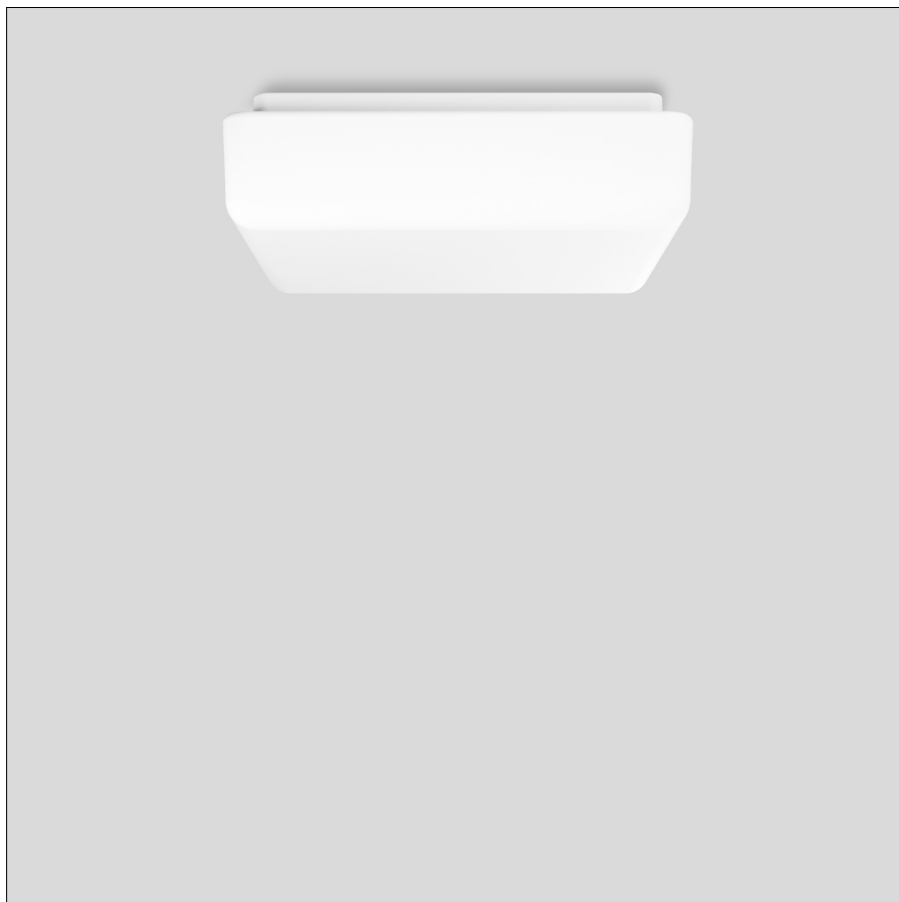
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2515 lm
Luminaire luminous flux	2121 lm
Luminaire luminous efficiency	114 lm/W

50 320 P K2

Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	2455 lm
Luminaire luminous flux	2070 lm
Luminaire luminous efficiency	111,3 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	117,6 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 $t_a = 40^{\circ}\text{C}$

– at 50,000h: L90B10

– at 340,000h: 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	Part. No
Finish enamel palladium	13 137
Finish enamel glossy silver	13 138
	13 139