

**BEGA****50 316 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 HF-motion sensor and group module (Master).

**Product description**

Metal housing,  
finish white enamel  
Impact resistant synthetic diffuser, white  
Integrated HF-motion sensor,  
maximum range 10 m  
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.  $3 \times 1.5^{\square}$   
Connection terminal  $2.5^{\square}$   
Earth conductor connection  
LED power supply unit  
230 V  $\sim$  50 Hz  
Safety class I  
Impact strength IK10  
Protection against mechanical impacts < 20 joule  
**CE** – Conformity mark  
Weight: 2.3 kg

**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 19.3 W  
Rated temperature  $t_a = 25^{\circ}\text{C}$   
Ambient temperature  $t_{a\text{max}} = 40^{\circ}\text{C}$

**50 316 P K3**

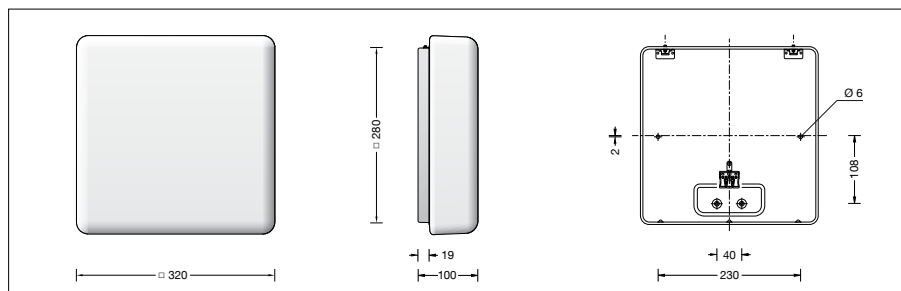
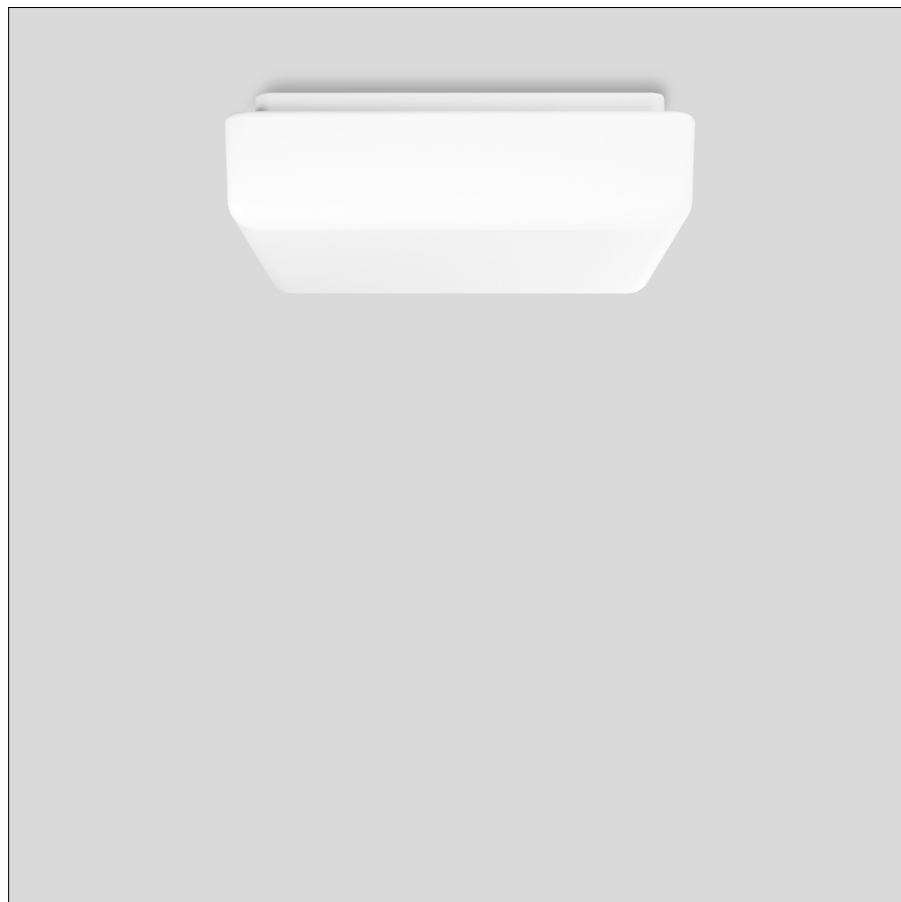
Colour temperature 3000 K  
Colour rendering index CRI > 90  
Module luminous flux 2515 lm  
Luminaire luminous flux 2121 lm  
Luminaire luminous efficiency 109,9 lm/W

**50 316 P K2**

Colour temperature 2700 K  
Colour rendering index CRI > 90  
Module luminous flux 2455 lm  
Luminaire luminous flux 2070 lm  
Luminaire luminous efficiency 107,3 lm/W

**50 316 P K4**

Colour temperature 4000 K  
Colour rendering index CRI > 90  
Module luminous flux 2595 lm  
Luminaire luminous flux 2188 lm  
Luminaire luminous efficiency 113,4 lm/W

**Service life of the LED**

Ambient temperature  $t_a = 25^{\circ}\text{C}$   
– at > 500,000h: L70B50  
max. ambient temperature  $t_a = 40^{\circ}\text{C}$   
– at 336,000h: L70B50

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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**

**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