

**BEGA****50 045 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,  
with bayonet closure  
Integrated HF-motion sensor,  
maximum range 10 m  
Integrated group module,  
maximum range 30 m  
2 mounting holes  $\varnothing$  5.5 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

**Light technique**

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page [www.bega.com](http://www.bega.com).

**Lamp**

Module connected wattage 16.8 W  
Luminaire connected wattage 22.4 W  
Rated temperature  $t_a = 25^{\circ}\text{C}$   
Ambient temperature  $t_{a\text{max}} = 30^{\circ}\text{C}$

**50 045 P K3**

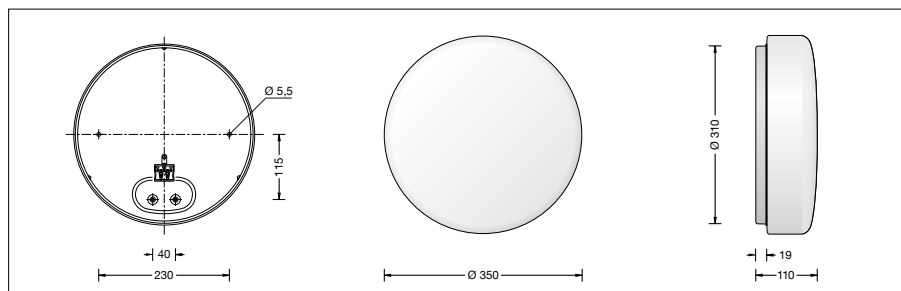
Module designation LED-0511/930  
Colour temperature 3000 K  
Colour rendering index CRI > 90  
Module luminous flux 2110 lm  
Luminaire luminous flux 1874 lm  
Luminaire luminous efficiency 83,7 lm/W

**50 045 P K2**

Module designation LED-0511/927  
Colour temperature 2700 K  
Colour rendering index CRI > 90  
Module luminous flux 2095 lm  
Luminaire luminous flux 1860 lm  
Luminaire luminous efficiency 83 lm/W

**50 045 P K4**

Module designation LED-0511/940  
Colour temperature 4000 K  
Colour rendering index CRI > 90  
Module luminous flux 2185 lm  
Luminaire luminous flux 1940 lm  
Luminaire luminous efficiency 86,6 lm/W

**Inrush current**

Inrush current: 5 A / 50  $\mu\text{s}$   
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

**Lifetime of the LED**

Ambient temperature  $t_a = 15^{\circ}\text{C}$   
– at 50,000 h: L90 B10  
– at 289,000 h: L70 B50

Ambient temperature  $t_a = 25^{\circ}\text{C}$   
– at 50,000 h: L90 B50  
– at 157,000 h: L70 B50

max. ambient temperature  $t_a = 30^{\circ}\text{C}$   
– at 50,000 h: L70 B10  
– at 118,000 h: L70 B50

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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 rings**

For this luminaire metal trim rings in 3 enamel surfaces are optional available. Trim rings are accessories and must be ordered separately.

Finish enamel **white**  
Finish enamel **palladium**  
Finish enamel **glossy silver**

Part. No  
**13 004**  
**13 005**  
**13 006**