

BEGA**50 049 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 8 m
Integrated group module,
maximum range 30 m
2 mounting holes \varnothing 6 mm
Distance apart 340 mm
2 cable entries for through-wiring for mains
cable up to \varnothing 10.5 mm max. 3×1.5^2
Connection terminal 2.5^2
Earth conductor connection
LED power supply unit
230 V \sim 50 Hz
Safety class I

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 28.1 W
Luminaire connected wattage 34.5 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 30^\circ\text{C}$

50 049 P K3

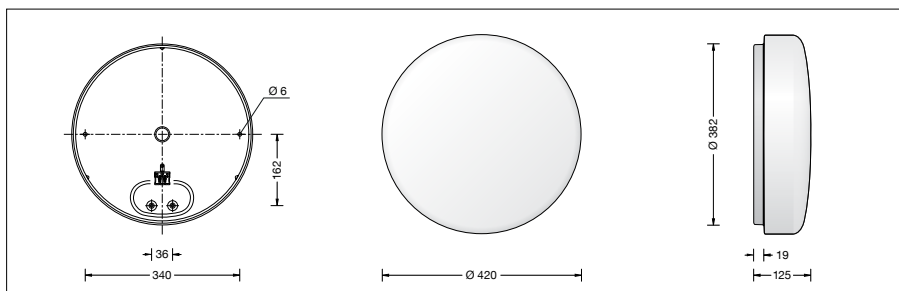
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 3685 lm
Luminaire luminous flux 3073 lm
Luminaire luminous efficiency 89,1 lm/W

50 049 P K2

Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 3655 lm
Luminaire luminous flux 3047 lm
Luminaire luminous efficiency 88,3 lm/W

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Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 3820 lm
Luminaire luminous flux 3185 lm
Luminaire luminous efficiency 92,3 lm/W

**Service life of the LED**

Ambient temperature $t_a = 25^\circ\text{C}$
– at 275,000h: L70B50

max. ambient temperature $t_a = 30^\circ\text{C}$
– at 203,000h: L70B50

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.

Article No. 50 049 P

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**

If the article number is followed by a **P**, we can also supply these luminaires in impact-resistant synthetic material.

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.

Item	Part. No
Finish enamel white	13007
Finish enamel palladium	13008
Finish enamel glossy silver	13009