

BEGA**50 051 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,
with bayonet closure
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. $3 \times 1,5^{\square}$
Connection 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 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
Luminaire connected wattage
Rated temperature
Ambient temperature

28.1 W
33 W
 $t_a = 25^{\circ}\text{C}$
 $t_{a\text{max}} = 30^{\circ}\text{C}$

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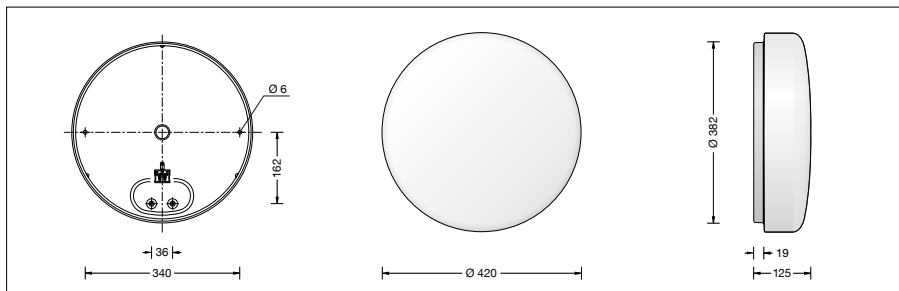
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 3685 lm
Luminaire luminous flux 3073 lm
Luminaire luminous efficiency 93,1 lm/W

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Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 3655 lm
Luminaire luminous flux 3047 lm
Luminaire luminous efficiency 92,3 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 96,5 lm/W

**Service life of the LED**

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 285,000h: L70B50

max. ambient temperature $t_a = 30^{\circ}\text{C}$
– at 210,000h: 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.

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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 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