

**BEGA****50 050**

Ceiling and wall luminaire for indoor use

Project · Reference number

Date

## Product data sheet

**Application**

Ceiling and wall luminaire · indoor luminaire made of hand-blown opal glass 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  
Hand-blown opal glass, satin matt,  
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.  $3 \times 1.5^{\square}$   
Connection terminal  $2.5^{\square}$   
Earth conductor connection  
LED power supply unit  
230 V  $\sim$  50 Hz  
Safety class I  
Impact strength IK07  
Protection against mechanical  
impacts < 2 joule  
**CE** – Conformity mark  
Weight: 5.4 kg

**Inrush current**

Inrush current: 20 A / 400  $\mu$ s  
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B10A: 9 luminaires  
B16A: 15 luminaires  
C10A: 15 luminaires  
C16A: 25 luminaires

**Lamp**

Module connected wattage 43.5 W  
Luminaire connected wattage 50 W  
Rated temperature  $t_a = 25^{\circ}\text{C}$   
Ambient temperature  $t_{a \text{ max}} = 25^{\circ}\text{C}$

**50 050 K3**

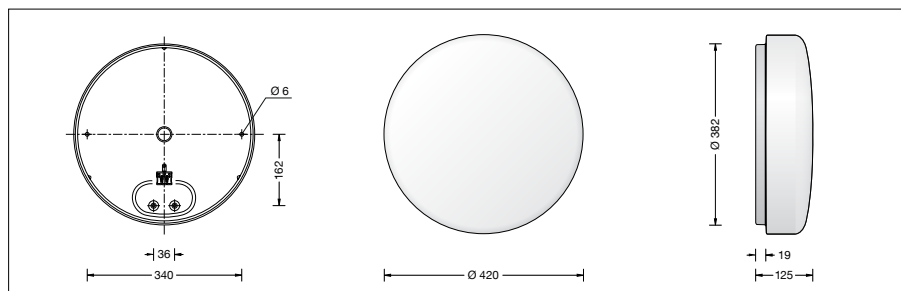
Colour temperature 3000 K  
Colour rendering index CRI > 90  
Module luminous flux 5505 lm  
Luminaire luminous flux 3412 lm  
Luminaire luminous efficiency 68,2 lm/W

**50 050 K2**

Colour temperature 2700 K  
Colour rendering index CRI > 90  
Module luminous flux 5465 lm  
Luminaire luminous flux 3387 lm  
Luminaire luminous efficiency 67,7 lm/W

**50 050 K4**

Colour temperature 4000 K  
Colour rendering index CRI > 90  
Module luminous flux 5705 lm  
Luminaire luminous flux 3535 lm  
Luminaire luminous efficiency 70,7 lm/W

**Service life of the LED**

max. ambient temperature  $t_a = 25^{\circ}\text{C}$   
– at 90,000h: 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](http://www.bega.com).

**Article No. 50 050**

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 <b>white</b>	<b>13 007</b>
Finish enamel <b>palladium</b>	<b>13 008</b>
Finish enamel <b>glossy silver</b>	<b>13 009</b>