

**BEGA****50 027 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

**Inrush current**

Inrush current: 5 A / 50  $\mu$ 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

33 W

Rated temperature

 $t_a = 25^{\circ}\text{C}$ 

Ambient temperature

 $t_{a\text{max}} = 30^{\circ}\text{C}$ **50 027 P K3**

Colour temperature

3000 K

Colour rendering index

CRI &gt; 90

Module luminous flux

3685 lm

Luminaire luminous flux

2983 lm

Luminaire luminous efficiency

90,4 lm/W

**50 027 P K2**

Colour temperature

2700 K

Colour rendering index

CRI &gt; 90

Module luminous flux

3655 lm

Luminaire luminous flux

2958 lm

Luminaire luminous efficiency

89,6 lm/W

**50 027 P K4**

Colour temperature

4000 K

Colour rendering index

CRI &gt; 90

Module luminous flux

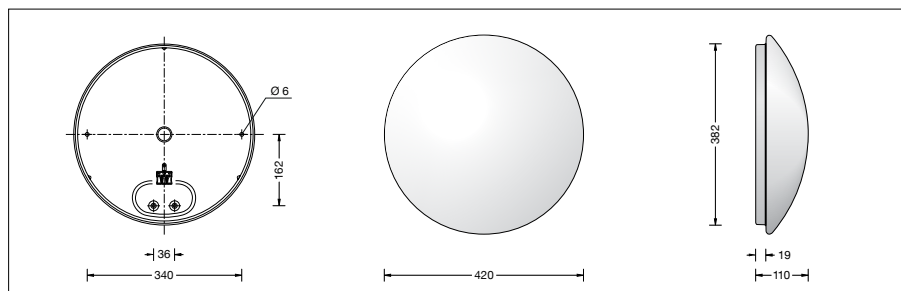
3820 lm

Luminaire luminous flux

3092 lm

Luminaire luminous efficiency

93,7 lm/W

**Service life · Ambient temperature**

Ambient temperature  $t_a = 25^{\circ}\text{C}$

LED psu: > 50,000 h

LED module: 285,000 h (L 80 B 50)

50,000 h (L 80 B 10)

Ambient temperature  $t_a = 30^{\circ}\text{C}$

LED psu: 50,000 h

LED module: 210,000 h (L 80 B 50)

50,000 h (L 80 B 10)

**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. 50 027 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 <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>