

**BEGA****50 653.2 P**

Ceiling and wall luminaire for indoor use

IP 44

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.

**Product description**

Metal housing,  
finish white enamel  
Impact resistant synthetic diffuser, white,  
with sliding-bolt closure  
2 mounting holes  $\varnothing$  5.5 mm  
Distance apart 200 mm  
2 cable entries for through-wiring for mains  
cable up to  $\varnothing$  10.5 mm max.  $3 \times 1.5^{\square}$   
Connecting terminal  $2.5^{\square}$   
with plug connection  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-280 V  
Safety class I  
Protection class IP 44  
Protected against granular foreign bodies  
> 1 mm and splash water  
**CE** – Conformity mark

**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 16.4 W  
Luminaire connected wattage 18.5 W  
Rated temperature  $t_a = 25^{\circ}\text{C}$   
Ambient temperature  $t_{a\text{max}} = 30^{\circ}\text{C}$

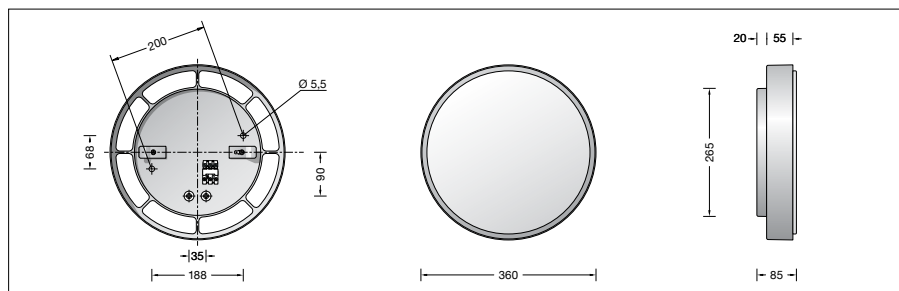
**50 653.2 P K3**

Module designation LED-0569/930  
Colour temperature 3000 K  
Colour rendering index CRI > 90  
Module luminous flux 2050 lm  
Luminaire luminous flux\* 1465 lm  
Luminaire luminous efficiency\* 79,2 lm/W

**50 653.2 P K4**

Module designation LED-0569/940  
Colour temperature 4000 K  
Colour rendering index CRI > 90  
Module luminous flux 2125 lm  
Luminaire luminous flux\* 1518 lm  
Luminaire luminous efficiency\* 82,1 lm/W

\* preliminary data

**Lifetime of the LED**

Ambient temperature  $t_a = 15^{\circ}\text{C}$   
– at 50,000 h: L90 B10  
– at 487,000 h: L70 B50

Ambient temperature  $t_a = 25^{\circ}\text{C}$   
– at 50,000 h: L80 B10  
– at 259,000 h: L70 B50

max. ambient temperature  $t_a = 30^{\circ}\text{C}$   
– at 50,000 h: L80 B10  
– at 190,000 h: L70 B50

**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).

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LED colour temperature optionally 3000 K or 4000 K  
3000 K – Article number + **K3**  
4000 K – Article number + **K4**

**Finish options**

- Enamel, white Code number **.1**
- Enamel, white aluminium Code number **.2**