

**BEGA****12 138 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.

### Product description

Metal housing,  
finish white enamel  
Impact resistant synthetic diffuser, white,  
with bayonet closure  
2 mounting holes  $\varnothing$  5.5 mm  
Distance apart 230 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  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-280 V  
Safety class I  
 – Safety mark  
**CE** – Conformity mark  
Weight: 2.5 kg

### 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 16.8 W  
Luminaire connected wattage 20 W  
Rated temperature  $t_a = 25^{\circ}\text{C}$   
Ambient temperature  $t_{a\text{max}} = 35^{\circ}\text{C}$

### 12 138 P K3

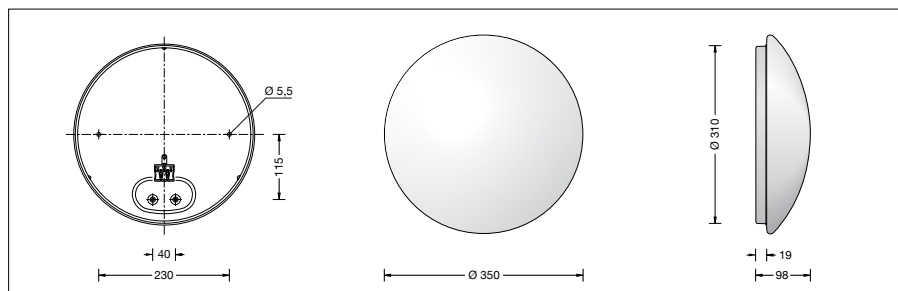
Colour temperature 3000 K  
Colour rendering index CRI > 90  
Module luminous flux 2110 lm  
Luminaire luminous flux 1651 lm  
Luminaire luminous efficiency 82,6 lm/W

### 12 138 P K2

Colour temperature 2700 K  
Colour rendering index CRI > 90  
Module luminous flux 2095 lm  
Luminaire luminous flux 1639 lm  
Luminaire luminous efficiency 82 lm/W

### 12 138 P K4

Colour temperature 4000 K  
Colour rendering index CRI > 90  
Module luminous flux 2185 lm  
Luminaire luminous flux 1709 lm  
Luminaire luminous efficiency 85,4 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25^{\circ}\text{C}$   
– at 210,000h: L70B50  
max. ambient temperature  $t_a = 35^{\circ}\text{C}$   
– at 117,000h: 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).

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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 optionally available.  
Trim rings are accessories and must be ordered  
separately.

Item	Part. No
Finish enamel <b>white</b>	<b>13001</b>
Finish enamel <b>palladium</b>	<b>13002</b>
Finish enamel <b>glossy silver</b>	<b>13003</b>