

BEGA**12 138**

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.

Product description

Metal housing,
finish white enamel
Hand-blown opal glass, satin matt,
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
Impact strength IK03
Protection against mechanical
impacts < 0.35 joule
 – Safety mark
CE – Conformity mark
Weight: 2.5 kg

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 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 K3

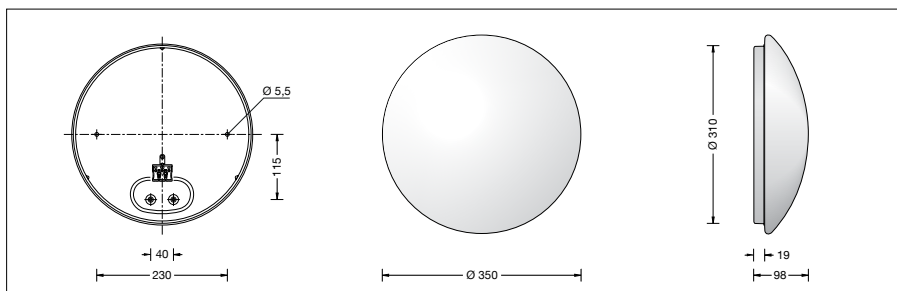
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 2110 lm
Luminaire luminous flux 1437 lm
Luminaire luminous efficiency 71,8 lm/W

12 138 K2

Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 2095 lm
Luminaire luminous flux 1425 lm
Luminaire luminous efficiency 71,2 lm/W

12 138 K4

Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 2185 lm
Luminaire luminous flux 1486 lm
Luminaire luminous efficiency 74,3 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.

Article No. 12 138

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 cover rings in 3 enamel
surfaces are optional available.
Trim rings are accessories and must be ordered
separately.

Item	Part. No
Finish enamel white	13004
Finish enamel palladium	13005
Finish enamel glossy silver	13006