

BEGA**12 142 P**

Ceiling and wall luminaire for indoor use

Project · Reference number

Date

Product data sheet

Application

LED-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 motion sensor.

Product description

Metal housing,
finish white enamel
Impact resistant synthetic diffuser, white,
with bayonet closure
Integrated HF-motion sensor,
maximum range 10 m
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. 3×1.5^2
Connecting terminal 2.5^2
Earth conductor connection
LED power supply unit
230 V \sim 50 Hz
Safety class I
CE – Conformity mark
Weight: 2.4 kg

Inrush current

Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 31 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 85 luminaires

Lamp

Module connected wattage 16.8 W
Luminaire connected wattage 21.9 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a \max} = 35$ °C

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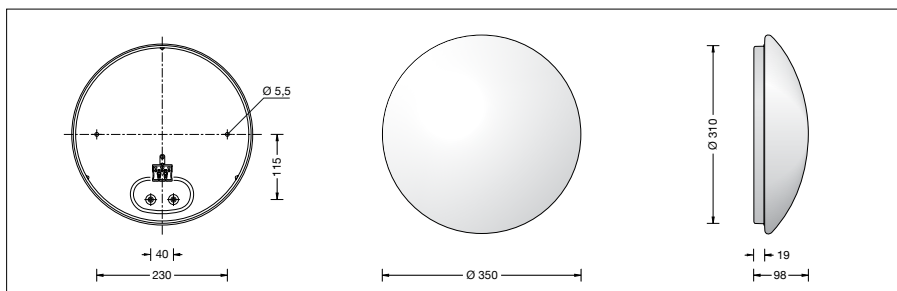
Module designation LED-0547/930
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 2110 lm
Luminaire luminous flux 1651 lm
Luminaire luminous efficiency 75,4 lm/W

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Module designation LED-0547/927
Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 2095 lm
Luminaire luminous flux 1639 lm
Luminaire luminous efficiency 74,8 lm/W

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Module designation LED-0547/940
Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 2185 lm
Luminaire luminous flux 1709 lm
Luminaire luminous efficiency 78 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15$ °C
– at 50,000h: L90B10
– at 353,000h: L70B50

Ambient temperature $t_a = 25$ °C
– at 50,000h: L80B10
– at 190,000h: L70B50

max. ambient temperature $t_a = 35$ °C
– at 50,000h: L80B50
– at 106,000h: 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.

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LED colour temperature optionally 3000 K,
2700 K or 4000 K
3000 K – Article number + **K3**
2700 K – Article number + **K2**
4000 K – Article number + **K4**

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	13 004
Finish enamel palladium	13 005
Finish enamel glossy silver	13 006