

BEGA**31 042**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED ceiling and wall luminaire with an all-round shield made of copper and satin matt hand-blown opal glass for soft and uniform light distribution.

Some of the light exits behind the shield and also illuminates the mounting surface.

Product description

Luminaire back housing made of aluminium alloy
BEGA Unidure® coating technology

Surround made of copper

Opal glass satin matt

Silicone gasket

2 mounting holes \varnothing 5.5 mm

Distance apart 234 mm

2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm, max. 5 G 1.5²

Connecting terminal 2.5²

with plug connection

Earth conductor connection

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-280 V

DALI controllable

A basic isolation exists between power cable
and control line

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK03

Protection against mechanical

impacts < 0.35 joule

– Safety mark

– Conformity mark

Weight: 3.1 kg

Copper

The luminaire parts made of solid copper are delivered with the metal's natural surface colour. Time and weather factors create the natural patina characteristic for copper.

Lamp

Module connected wattage 14.2 W

Luminaire connected wattage 16.7 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a,max} = 30$ °C

On request we can offer you modifications for environments with higher temperatures as a customized product.

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Module designation LED-0917/830

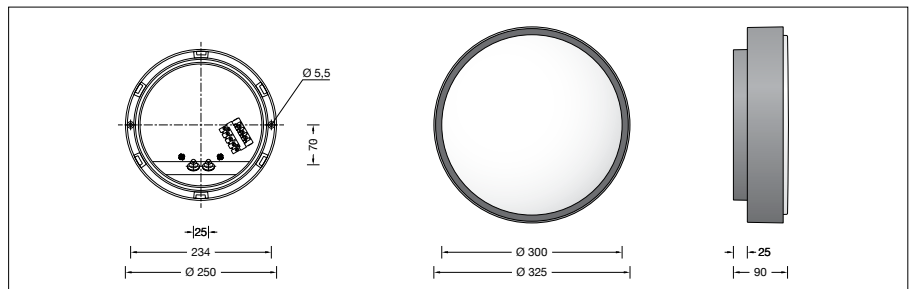
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 2160 lm

Luminaire luminous flux 1558 lm

Luminaire luminous efficiency 93,3 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C

– at 257,000h: L70B50

max. ambient temperature $t_a = 30$ °C

– at 189,000h: 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.

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