

BEGA**31 041**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

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 190 mm

2 cable entries for through-wiring of mains

supply cable \varnothing 7-10.5 mm

Connecting terminal 2.5²

with plug connection

Earth conductor connection

LED power supply unit

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

BEGA Thermal Control®

Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK05

Protection against mechanical

impacts < 0.7 joule

– Safety mark

– Conformity mark

Weight: 2.1 kg

This product contains light sources of energy efficiency classes D

Inrush current

Inrush current: 5 A / 40 μ s

Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 50 luminaires

B 16A: 50 luminaires

C 10A: 80 luminaires

C 16A: 80 luminaires

Lamp

Module connected wattage 7.8 W

Luminaire connected wattage 9 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a,max} = 55$ °C

31 041 K3

Module designation LED-0916/830

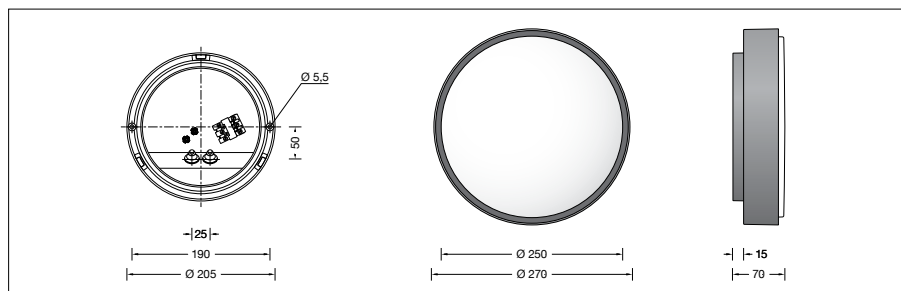
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 1450 lm

Luminaire luminous flux 870 lm

Luminaire luminous efficiency 96,7 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C

LED psu: > 50,000 h

LED module: > 200,000 h (L 80 B 50)

100,000 h (L 90 B 50)

Ambient temperature max. $t_a = 55$ °C (100 %)

LED psu: 50,000 h

LED module: 170,000 h (L 80 B 50)

Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

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.