

BEGA**31 041**

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 190 mm

2 cable entries for through-wiring of mains

supply cable \varnothing 7-10.5 mm

Connecting terminal 2.5[□]

with plug connection

Earth conductor connection

LED power supply unit

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

DC 176-264 V

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

CE – Conformity mark

Weight: 2.1 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 8 W

Luminaire connected wattage 9.2 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a,max} = 50$ °C

31 041 K3

Module designation LED-0916/830

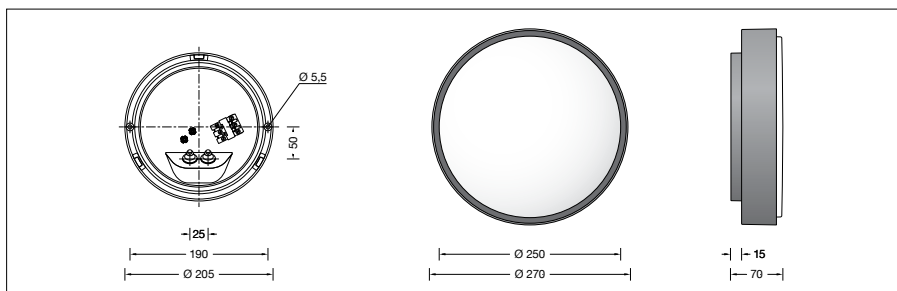
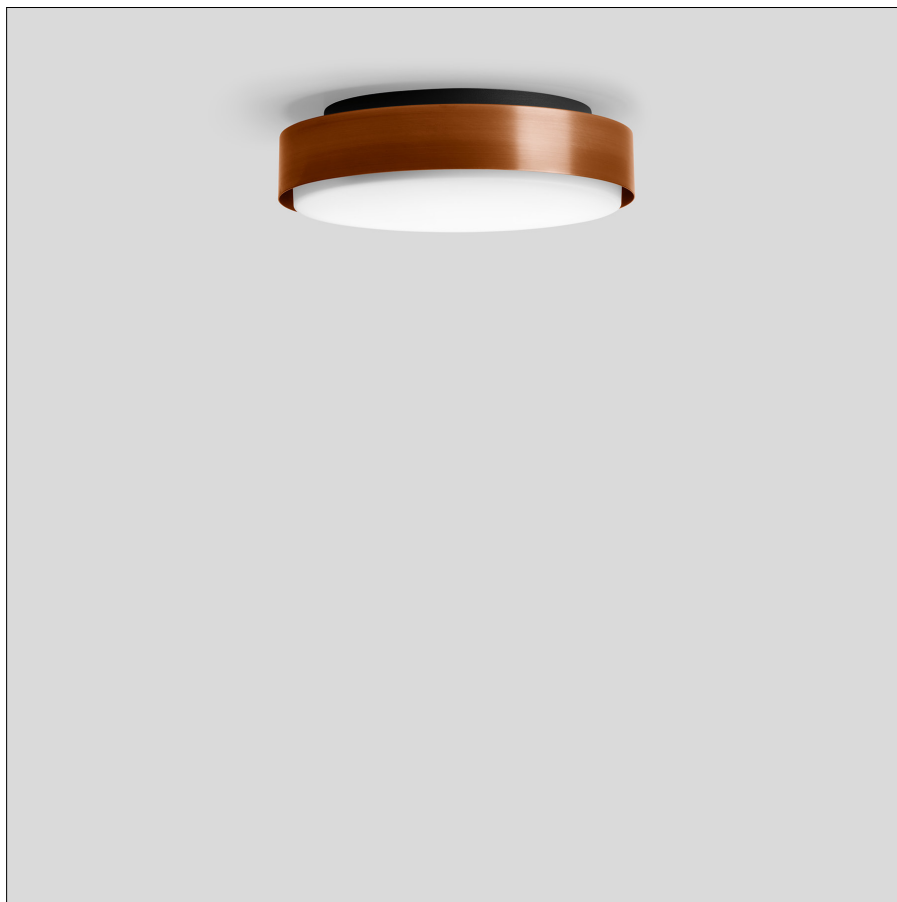
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 1180 lm

Luminaire luminous flux 888 lm

Luminaire luminous efficiency 96,5 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C

– at > 500,000 h: L70B50

max. ambient temperature $t_a = 50$ °C

– at 116,000 h: 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: 11 A / 112 μ s

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

B 10 A: 34 luminaires

B 16 A: 55 luminaires

C 10 A: 57 luminaires

C 16 A: 92 luminaires