

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 2.5[□]

with plug connection

Earth conductor connection

BEGA Ultimate Driver®

LED power supply unit

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

DC 176-264 V

BEGA Thermal Switch®

Temporary thermal shutdown to protect
temperature-sensitive components

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.

Light technique

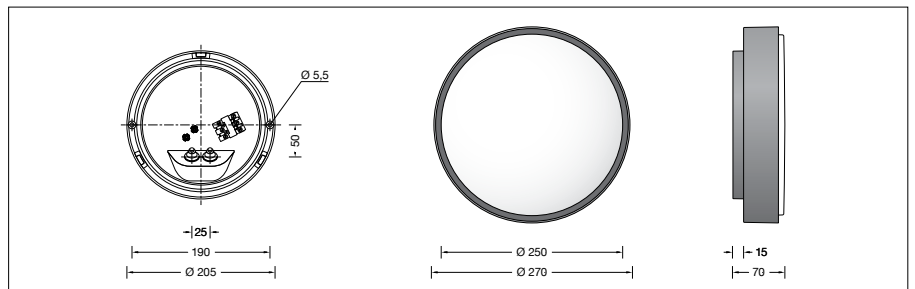
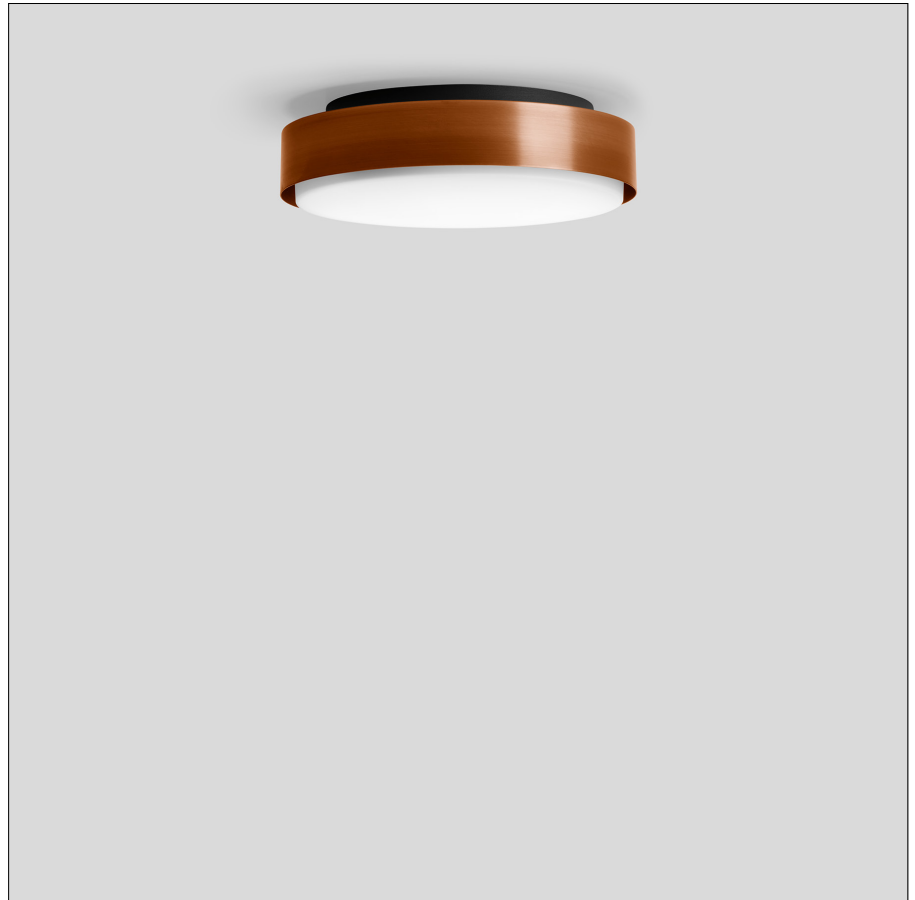
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page www.bega.com.

Lamp

Module connected wattage	8 W
Luminaire connected wattage	9.2 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 50\text{ °C}$

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 · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000h
LED module:	> 200,000h (L80B50) 100,000h (L90B50)
Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ (100 %)	
LED psu:	50,000h
LED module:	78,000h (L80B50) 100,000h (L70B50)

Inrush current

Inrush current: 11 A / 112 μ s
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	34 luminaires
B 16A:	55 luminaires
C 10A:	57 luminaires
C 16A:	92 luminaires