

BEGA**31 329**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded LED ceiling and wall luminaire for many lighting tasks in or on buildings. Luminaire made of copper and thick-walled crystal glass. The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire made of copper,
brass and stainless steel
Crystal glass coated
2 mounting holes \varnothing 5.5 mm
Distance apart 108 x 108 mm
1 cable entry for mains supply cable
up to \varnothing 10,5 mm max. $3 \times 1,5^{\square}$
Connection terminal 2.5^{\square}
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
Safety class I
Protection class IP 64
Dust-tight and protection against splash water
Impact strength IK07
Protection against mechanical
impacts < 2 joule
 – Safety mark
CE – Conformity mark
Weight: 3.0 kg

Copper

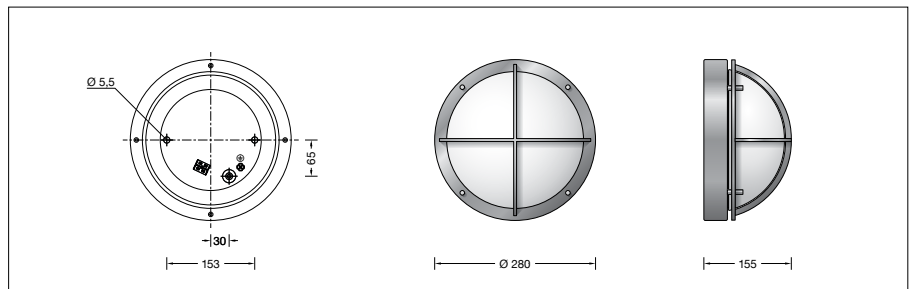
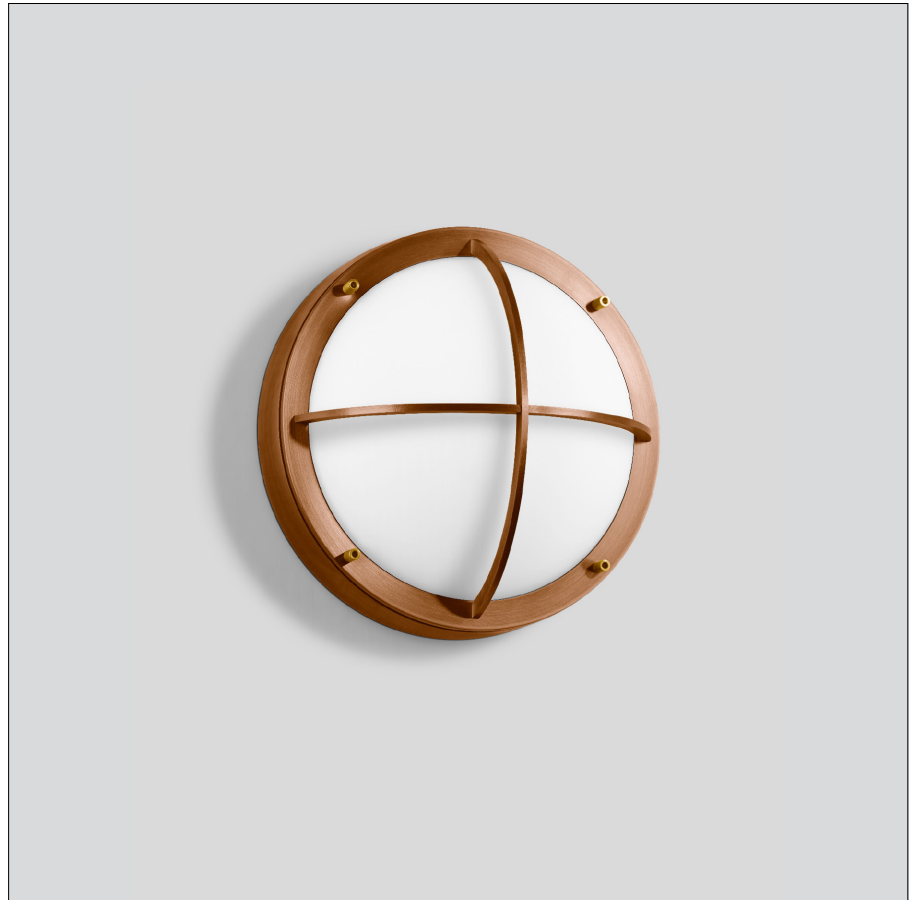
The luminaire parts made of solid copper are delivered with the metal's natural surface colour. Time and weather factors create the natural patina characteristic for copper.

Inrush current

Inrush current: 20 A / 80 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 35 luminaires
B 16A: 56 luminaires
C 10A: 58 luminaires
C 16A: 94 luminaires

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	7.7 W
Luminaire connected wattage	9.2 W
Rated temperature	$t_a = 25\text{ }^{\circ}\text{C}$
Ambient temperature	$t_{a\text{ max}} = 50\text{ }^{\circ}\text{C}$

31 329 K3

Module designation	LED-0276/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1505 lm
Luminaire luminous flux*	830 lm
Luminaire luminous efficiency*	90,2 lm/W

* preliminary data

Service life · Ambient temperature

Ambient temperature $t_a = 25\text{ }^{\circ}\text{C}$	LED psu: > 50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)

Ambient temperature $t_a = 50\text{ }^{\circ}\text{C}$	LED psu: 50,000 h
LED module:	114,000 h (L 80 B 50)
	100,000 h (L 80 B 50)