

BEGA**50 302**

Ceiling and wall luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Ceiling and wall luminaire · indoor luminaire made of hand-blown opal glass and metal housing, for all lighting tasks. They are ideal for places where a soft and uniform lighting distribution is required.

Product description

Metal housing, finish Colour white
Hand-blown opal glass, satin matt
2 mounting holes $\varnothing$ 6 mm
Distance apart 180 mm
2 cable entries for through-wiring for mains cable up to $\varnothing$ 10.5 mm max. 3×1.5 [□]
Connection terminal 2.5[□]
Earth conductor connection
LED power supply unit
220-240 V $\sim$ 0/50-60 Hz
DC 176-280 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect temperature-sensitive components
Safety class I
Impact strength IK03
Protection against mechanical impacts < 0.35 joule
 – Safety mark
CE – Conformity mark
Weight: 2.2 kg
This product contains light sources of energy efficiency class(es) D

Inrush current

Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 31 luminaires
B 16A: 50 luminaires
C 10A: 52 luminaires
C 16A: 85 luminaires

Lamp

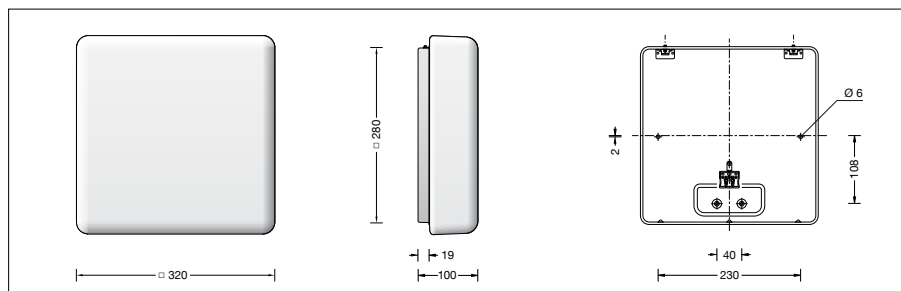
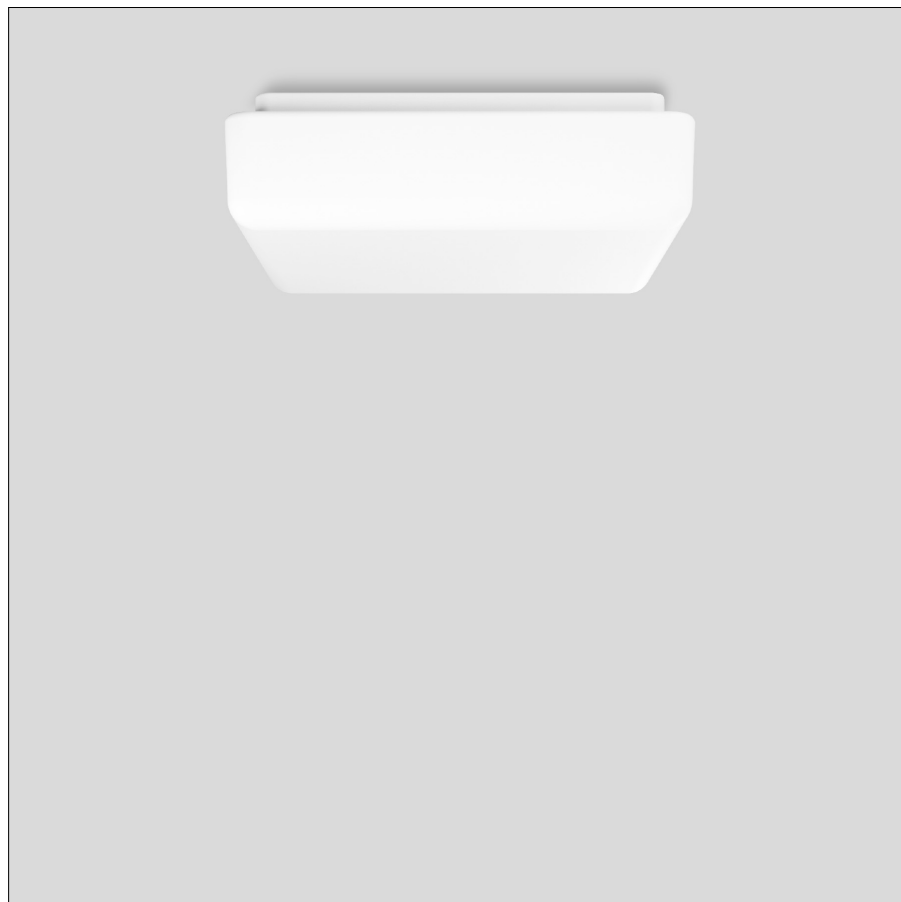
Module connected wattage	15.1 W
Luminaire connected wattage	17.6 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 45^\circ\text{C}$

50 302 K27

Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	2535 lm
Luminaire luminous flux	1839 lm
Luminaire luminous efficiency	104,5 lm/W

50 302 K3

Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2570 lm
Luminaire luminous flux	1865 lm
Luminaire luminous efficiency	106 lm/W

**Service life · Ambient temperature**

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

Ambient temperature max. $t_a = 45^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 191,000 h (L 80 B 50)
50,000 h (L 90 B 50)

Accessory · Trim frames

For this luminaire metal trim frames in 3 enamel surfaces are optional available. Trim frames are accessories and must be ordered separately.

Colour white
Colour palladium
Colour glossy silver

Part. No
13 137
13 138
13 139

Article No. 50 302

Colour temperature 2700 K.
Also available with 3000 K on request.
2700 K – article number + **K27**
3000 K – article number + **K3**

If the article number is followed by a **P**, we can also supply these luminaires in impact-resistant synthetic material.