BEGA

50 313

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. Luminaire with motion sensor.

Product description
Metal housing, finish Colour white
Hand-blown opal glass, satin matt
Integrated HF-motion sensor,
maximum range 10 m
2 mounting holes ø 6 mm
Distance apart 230 mm
2 cable entries for through-wiring for mains cable up to ø 10.5 mm max. 3 × 1.5$^\square$
Connection terminal 2.5$^\square$
Earth conductor connection
LED power supply unit
230 V $\sim$ 50 Hz
BEGA Thermal Switch®
Temporary thermal shutdown to protect temperature-sensitive components
Safety class I
Impact strength IK03
Protection against mechanical impacts < 0.35 joule
$C\epsilon$ – Conformity mark
Weight: 3.6 kg
This product contains light sources of energy efficiency class(es) D

Inrush current
Inrush current: 20 A / 400 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 9 luminaires
B 16 A: 15 luminaires
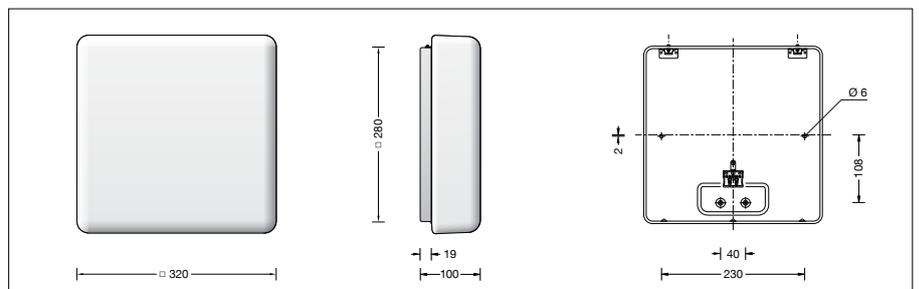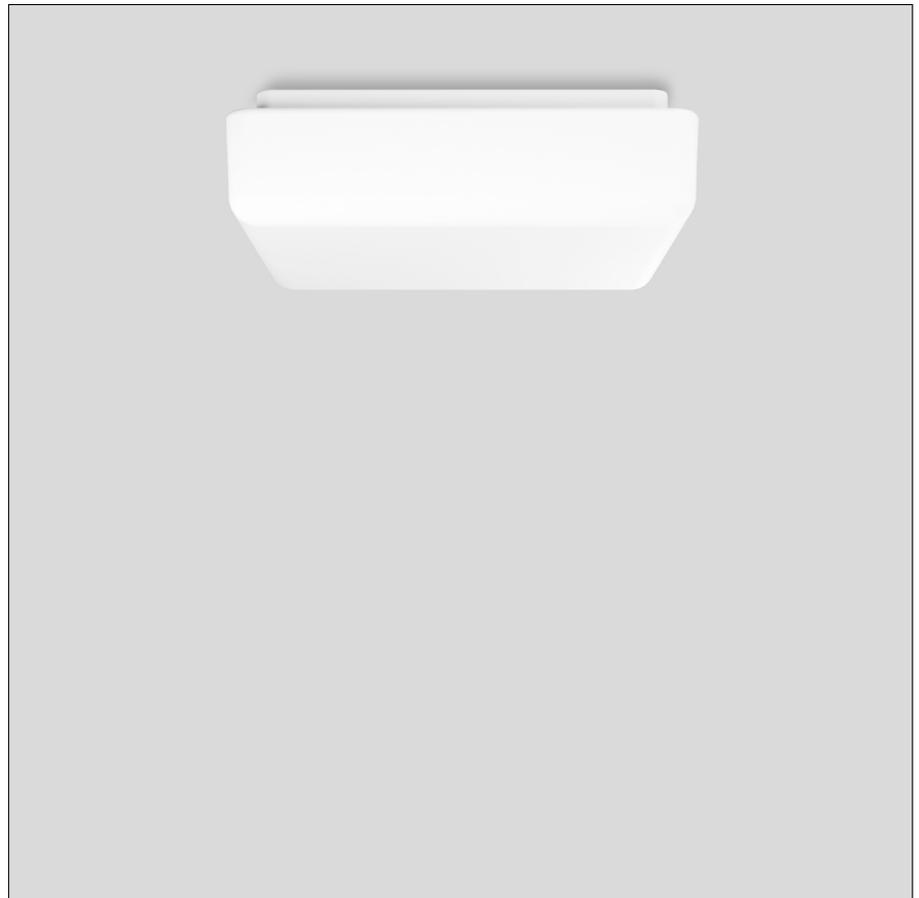C 10 A: 15 luminaires
C 16 A: 25 luminaires

Lamp
Module connected wattage	23.1 W
Luminaire connected wattage	27.7 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 40 °C

50 313 K27
Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	3710 lm
Luminaire luminous flux	2679 lm
Luminaire luminous efficiency	96,7 lm/W

50 313 K3
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3760 lm
Luminaire luminous flux	2716 lm
Luminaire luminous efficiency	98,1 lm/W

Service life · Ambient temperature
Rated temperature t_a = 25 °C
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50)
	50,000 h (L90 B50)

Ambient temperature max. t_a = 40 °C (100 %)
LED psu:	50,000 h
LED module:	116,000 h (L80 B50)
	50,000 h (L90 B50)

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.

	Part. No
Colour white	**13 137**
Colour palladium	**13 138**
Colour glossy silver	**13 139**

Article No. 50 313
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.