

BEGA**50 653.1**

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, satin matt 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, with sliding-bolt closure
 2 mounting holes \varnothing 5.5 mm
 Distance apart 200 mm
 2 cable entries for through-wiring for mains cable up to \varnothing 10.5 mm max. 3×1.5^2
 Connecting terminal 2.5^2 with plug connection
 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
 Protection class IP 44
 Protected against granular foreign bodies ≥ 1 mm and splash water
 Impact strength IK05
 Protection against mechanical impacts < 0.7 joule
 – Safety mark
 – Conformity mark
 Weight: 3.1 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

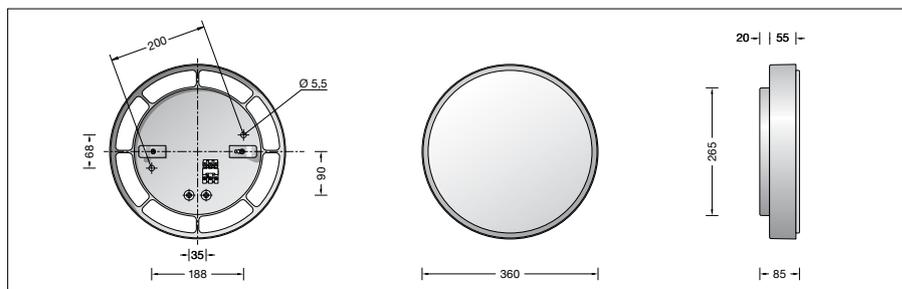
Lamp

Module connected wattage	16 W
Luminaire connected wattage	18.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 30$ °C

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Module designation	LED-0569/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2440 lm
Luminaire luminous flux*	1333 lm
Luminaire luminous efficiency*	72,1 lm/W

* preliminary data



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	179,000 h (L 80 B 50) 50,000 h (L 90 B 50)

Ambient temperature max. $t_a = 30$ °C (100 %)	
LED psu:	50,000 h
LED module:	130,000 h (L 80 B 50) 50,000 h (L 90 B 50)

Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

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Finish options	
• White	Code number .1
• White aluminium	Code number .2

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