

BEGA**50 649.1**

Ceiling and wall luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Ceiling and wall luminaire · indoor luminaire
made of aluminium and hand-blown opal
glass, satin matt.
For a variety of lighting applications.

Product description

Luminaire made of Aluminium,
finish Colour white
Hand-blown opal glass,
satin matt, with screw neck
Silicone gasket
2 mounting holes \varnothing 5.5 mm
Distance apart 220 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 170-280 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect
temperature-sensitive components
Safety class I
Protection class IP 64
Dust-tight and protection against splash water
Impact strength IK05
Protection against mechanical
impacts < 0.7 joule
 – Safety mark
 – Conformity mark
Weight: 2.6 kg
This product contains light sources of energy
efficiency class(es) D

Inrush current

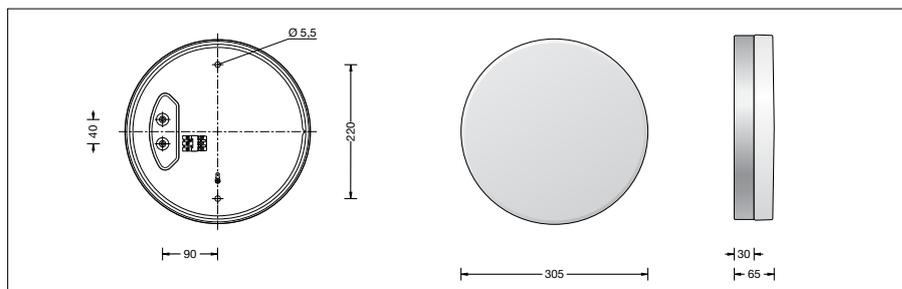
Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 31 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 85 luminaires

Lamp

Module connected wattage	19.3 W
Luminaire connected wattage	22.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

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Module designation	LED-0832/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3165 lm
Luminaire luminous flux	1939 lm
Luminaire luminous efficiency	86,2 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	153,000 h (L80 B50)
	50,000 h (L90 B50)

Ambient temperature max. $t_a = 40^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	62,000 h (L80 B50)

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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Optional finishes

- White
- Stainless steel
- Polished aluminium

code number **.1**
code number **.2**
code number **.3**