

BEGA**51 013.1**

Ceiling luminaire for indoor use



Project · Reference number


Date

Product data sheet

Application

Ceiling luminaire · indoor luminaire impact resistant synthetic diffuser and metal housing for non-glare light deflected downwards.

Product description

Ceiling luminaire »STUDIO LINE«
Aluminium luminaire housing,
Velvet black,
Inside hue white
Metal luminaire mounting plate,
finish white enamel
Impact resistant synthetic diffuser, white,
with bayonet closure
2 mounting holes \varnothing 5.5 mm
Distance apart 230 mm
2 cable entries for through-wiring for mains
cable up to \varnothing 10,5 mm max. 5 x 1.5²
Connection terminal 2.5²
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 170-276 V
DALI-controllable
Basic insulation is provided between the mains
and control cables
BEGA Thermal Switch®
Temporary thermal shutdown to protect
temperature-sensitive components
Safety class I
Impact strength IK10
Protection against mechanical
impacts < 20 joule
 – Safety mark
CE – Conformity mark
Weight: 2.6 kg

Inrush current

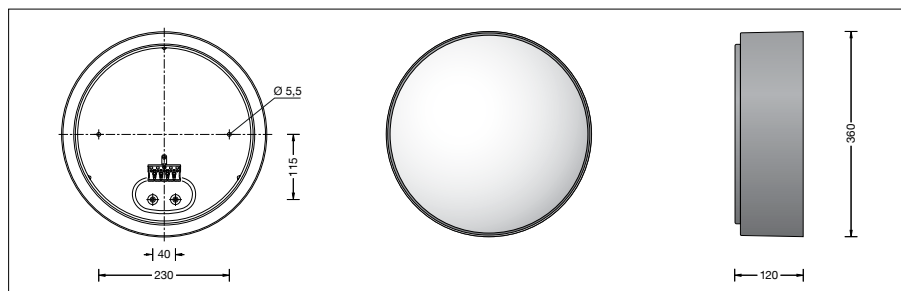
Inrush current: 10 A / 200 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 18 luminaires
B 16A: 30 luminaires
C 10A: 31 luminaires
C 16A: 51 luminaires

Lamp

Module connected wattage	26.4 W
Luminaire connected wattage	29.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 40^\circ\text{C}$

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Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3970 lm
Luminaire luminous flux	2744 lm
Luminaire luminous efficiency	93 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: 86,000 h (L 80 B 50)

Ambient temperature max. $t_a = 40^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 37,000 h (L 80 B 50)
50,000 h (L 70 B 50)

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Inside colour options:

- White
- Matt aluminium
- Matt brass
- Matt copper

Code number **.1**
Code number **.2**
Code number **.4**
Code number **.6**

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.