

BEGA**51 012.2**

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«
 Luminaire housing made of aluminium, surface Colour velvet black
 inside hue aluminium matt
 Metal luminaire mounting plate, finish Colour velvet black
 Impact resistant synthetic diffuser, white, with bayonet closure
 2 mounting holes \varnothing 5.5 mm
 Distance apart 180 mm
 2 cable entries for through-wiring for mains cable up to \varnothing 10.5 mm max. $3 \times 1.5^{\square}$
 Connection terminal 2.5^{\square}
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 50-60 Hz
 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
 – Conformity mark
 Weight: 1.6 kg
 This product contains light sources of energy efficiency class(es) D

Inrush current

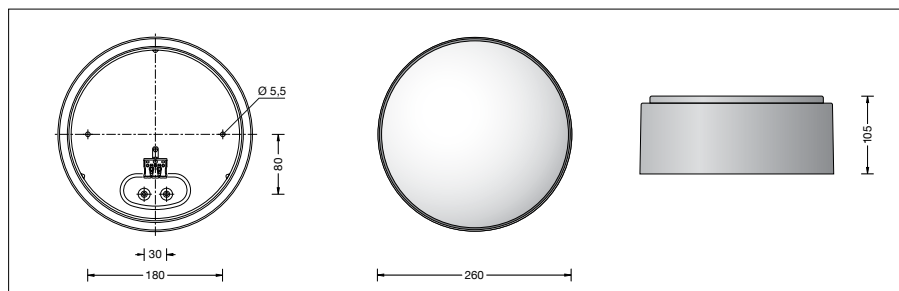
Inrush current: 1.7 A / 40 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 50 luminaires
 B 16A: 80 luminaires
 C 10A: 50 luminaires
 C 16A: 80 luminaires

Lamp

Module connected wattage 11.6 W
 Luminaire connected wattage 15.5 W
 Rated temperature $t_a = 25^{\circ}\text{C}$
 Ambient temperature $t_{a\text{max}} = 45^{\circ}\text{C}$

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Colour temperature 3000 K
 Colour rendering index CRI > 90
 Module luminous flux 1725 lm
 Luminaire luminous flux 1026 lm
 Luminaire luminous efficiency 66,2 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^{\circ}\text{C}$
 LED psu: > 50,000 h
 LED module: 131,000 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: 41,000 h (L 80 B 50)
 50,000 h (L 70 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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Inside colour options:

- White
- Matt aluminium
- Matt brass
- Matt copper

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