

BEGA**50 174.2**

Ceiling luminaire for indoor use

Project · Reference number

Date

Product data sheet**Application**

LED ceiling luminaire · indoor luminaire with hand-blown opal glass and metal housing for non-glare light deflected downwards.

Product description

LED ceiling luminaire »STUDIO LINE«
Aluminium luminaire housing,
velvet black enamel finish,
Inside hue matt aluminium
Metal luminaire mounting plate,
finish white enamel
Hand-blown opal glass, satin matt,
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. $3 \times 1.5^{\square}$
Connecting terminal 2.5 $^{\square}$
Earth conductor connection
LED power supply unit
220-240 V \sim 50-60 Hz
Safety class I
CE – Conformity mark
Weight: 1.6 kg

Inrush current

Inrush current: 1 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

Light technique

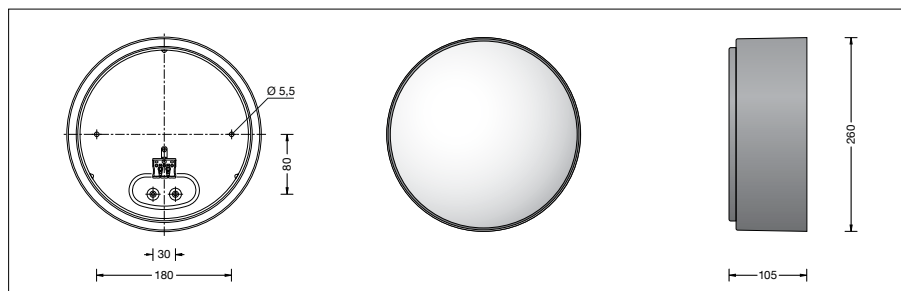
Luminaire data for the light planning program
DIALux for outdoor lighting, street lighting and
indoor lighting as well as luminaire data in
EULUMDAT- and IES-format you will find on the
BEGA web page www.bega.com.

Lamp

| | |
|-----------------------------|--|
| Module connected wattage | 11.9 W |
| Luminaire connected wattage | 15.8 W |
| Rated temperature | $t_a = 25^{\circ}\text{C}$ |
| Ambient temperature | $t_{a \text{ max}} = 35^{\circ}\text{C}$ |

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| | |
|-------------------------------|--------------|
| Module designation | LED-0538/930 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 90 |
| Module luminous flux | 1515 lm |
| Luminaire luminous flux | 668 lm |
| Luminaire luminous efficiency | 42,3 lm/W |

**Lifetime of the LED**

Ambient temperature $t_a = 15^{\circ}\text{C}$
– at 50,000 h: L90 B10
– at 348,000 h: L70 B50
Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 50,000 h: L80 B10
– at 188,000 h: L70 B50

max. ambient temperature $t_a = 35^{\circ}\text{C}$
– at 50,000 h: L80 B50
– at 105,000 h: L70 B50

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Interior colour options
• matt aluminium
• matt brass
• matt copper

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