

BEGA**50 060.3**

Ceiling luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Surface mounted LED luminaire · indoor luminaire with hand-blown crystal glass partially frosted with wide beam light distribution and metal housing. A reflector on the inside directs part of the light onto the ceiling surface.

Product description

Luminaire made of aluminium, polished surface finish
Hand-blown crystal glass, partially satin matt, with screw neck
Silicone gasket
Reflector of anodised pure aluminium
Light-diffusing silicone lens
2 mounting holes \varnothing 4,8 mm
Distance apart 100 mm
2 cable entries for through-wiring of mains supply cable \varnothing 7-10,5 mm, max. 5 G 1.5[□]
Connection terminal 2.5[□]
Earth conductor connection
Connecting terminal for digital control
LED power supply unit
220-240 V \sim 0/50-60 Hz
DALI controllable
A basic isolation exists between power cable and control line
Safety class I
 – Safety mark
 – Conformity mark
Weight: 0,95 kg

Inrush current

Inrush current: 12 A / 24,2 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 50 luminaires
B 16A: 50 luminaires
C 10A: 50 luminaires
C 16A: 50 luminaires

Lamp

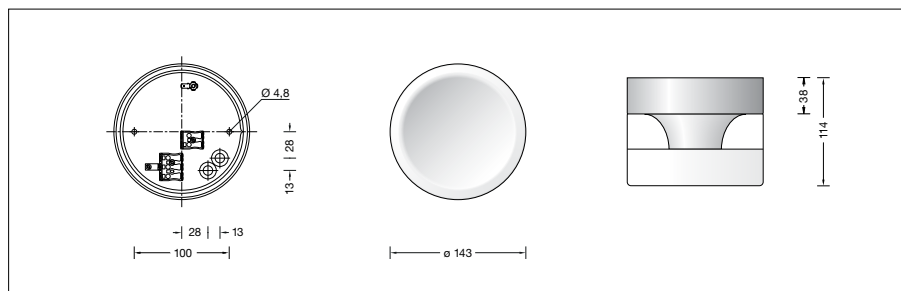
| | |
|-----------------------------|-----------------------------|
| Module connected wattage | 12,3 W |
| Luminaire connected wattage | 14 W |
| Rated temperature | $t_a = 25$ °C |
| Ambient temperature | $t_{a \text{ max}} = 35$ °C |

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| | |
|-------------------------------|--------------|
| Module designation | LED-0658/930 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 90 |
| Module luminous flux | 1640 lm |
| Luminaire luminous flux | 931 lm |
| Luminaire luminous efficiency | 66,5 lm/W |

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| | |
|-------------------------------|--------------|
| Module designation | LED-0658/940 |
| Colour temperature | 4000 K |
| Colour rendering index | CRI > 90 |
| Module luminous flux | 1670 lm |
| Luminaire luminous flux | 948 lm |
| Luminaire luminous efficiency | 67,7 lm/W |



Service life of the LED

Ambient temperature $t_a = 25$ °C
– at 220,000h: L70B50
max. ambient temperature $t_a = 35$ °C
– at 180,000h: L70B50

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.

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LED colour temperature optionally 3000K or 4000K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Optional finishes

- White enamel code number **.1**
- Stainless steel code number **.2**
- Polished aluminium code number **.3**