

BEGA**50 517.1**

Ceiling luminaire for indoor use



Project · Reference number


Date

Product data sheet

Application

LED ceiling luminaire · indoor luminaire with direct and indirect light distribution.

Product description

Luminaire housing made of cast aluminium, velvet white enamel finish
 Hand-blown opal glass, satin matt, with screw neck
 Reflector made of pure anodised aluminium
 2 mounting holes \varnothing 4.5 mm
 Distance apart 96 mm
 The luminaire is suitable for through-wiring.
 Connecting terminals 2.5[□]
 Earth conductor connection
 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
CE – Conformity mark
 Weight: 1.1 kg

Inrush current

Inrush current: 5 A / 50 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 31 luminaires
 B 16A: 50 luminaires
 C 10A: 52 luminaires
 C 16A: 85 luminaires

Lamp

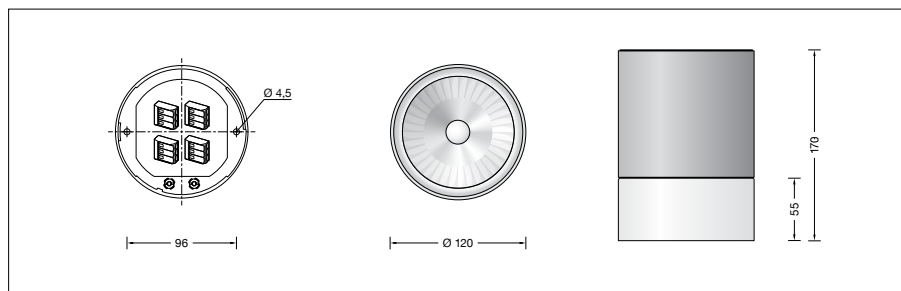
Module connected wattage 8.1 W
 Luminaire connected wattage 9.8 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 35$ °C

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Module designation LED-0800/930
 Colour temperature 3000 K
 Colour rendering index CRI > 90
 Module luminous flux 1255 lm
 Luminaire luminous flux 916 lm
 Luminaire luminous efficiency 93,5 lm/W

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Module designation LED-0800/940
 Colour temperature 4000 K
 Colour rendering index CRI > 90
 Module luminous flux 1275 lm
 Luminaire luminous flux 930 lm
 Luminaire luminous efficiency 94,9 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C
 – at 400,000h: L70B50
 max. ambient temperature $t_a = 35$ °C
 – at 360,000h: L70B50

Light technique

Direct and indirect light distribution.
 Half beam angle 51°
 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 are available on the BEGA website at www.bega.com.

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

Finish options

- Enamel, velvet white Code number **.1**
- Stainless steel Code number **.2**
- Enamel, velvet black Code number **.5**