

BEGA**50 565.2**

Ceiling luminaire for indoor use



Project · Reference number



Date

Product data sheet

Application

LED ceiling luminaire · Indoor luminaire with wide beam light distribution.

Product description

Aluminium alloy housing,
stainless steel finish
Crystal glass, partially 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
DC 170-280 V
Safety class I
 – Safety mark
 – Conformity mark
 Weight: 0.95 kg

Inrush current

Inrush current: 27 A / 250 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 17 luminaires
 B16A: 27 luminaires
 C10A: 28 luminaires
 C16A: 45 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

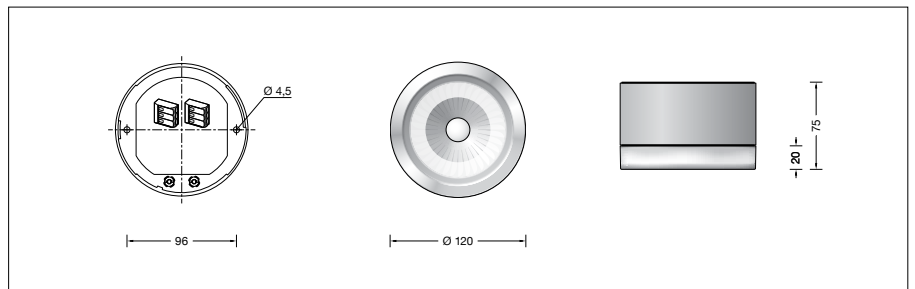
Module connected wattage	8.1 W
Luminaire connected wattage	9.7 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a, \max} = 45$ °C

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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	986 lm
Luminaire luminous efficiency	101,6 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	1001 lm
Luminaire luminous efficiency	103,2 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C
 – at 360,000h: L70B50

max. ambient temperature $t_a = 45$ °C
 – at 260,000h: L70B50

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

Optional finishes

- Velvet white enamel with code number **.1**
- Stainless steel with code number **.2**