

BEGA**50 565.1**

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

Luminaire housing made of cast aluminium, velvet white enamel 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

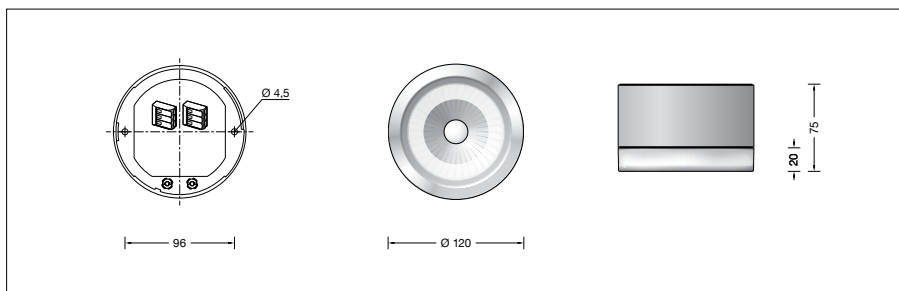
50 565.1 K3

Module designation	LED-0800/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1255 lm
Luminaire luminous flux*	690 lm
Luminaire luminous efficiency*	71,1 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*	700 lm
Luminaire luminous efficiency*	72,2 lm/W

* preliminary data



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**