

BEGA**50 565.2**

Ceiling luminaire for indoor use



Project · Reference number



Date

Product data sheet

Application

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

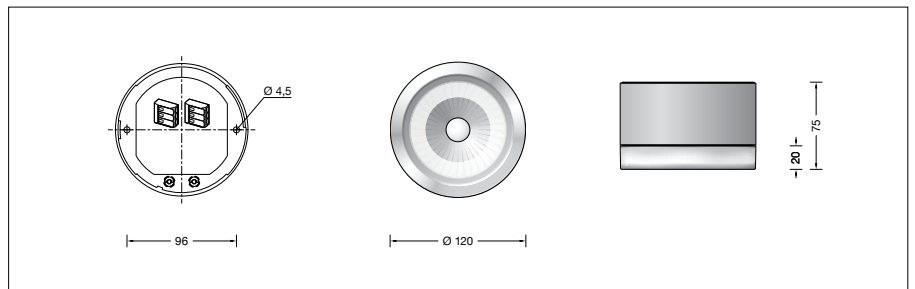
Module connected wattage	8.1 W
Luminaire connected wattage	9.7 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 45$ °C

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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 · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000h
LED module:	> 200,000h (L80 B50) 50,000h (L90 B50)

Ambient temperature $t_{a \max} = 45$ °C (100 %)	
LED psu:	50,000h
LED module:	160,000h (L80 B50)

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LED colour temperature optionally 3000K
or 4000K
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**