

BEGA**50 570.2**

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,
finish Stainless steel
Crystal glass, partially satin matt,
with screw neck
Reflector made of pure anodised aluminium
2 mounting holes $\varnothing$ 4.5 mm
Distance apart 153 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
DALI-controllable
Basic insulation is provided between the mains
and control cables
BEGA Thermal Switch®
Temporary thermal shutdown to protect
temperature-sensitive components
Safety class I
Impact strength IK06
Protection against mechanical
impacts < 1 joule
 – Safety mark
CE – Conformity mark
Weight: 2.2 kg
This product contains light sources of energy
efficiency classes E

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

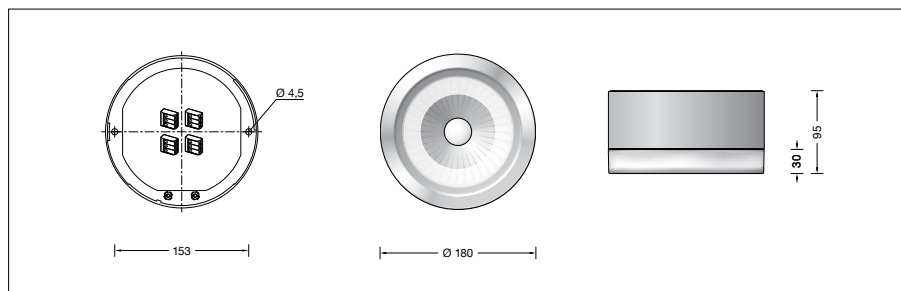
Module connected wattage	17.2 W
Luminaire connected wattage	19.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 40^\circ\text{C}$

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Module designation	LED-0785/927
Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	2550 lm
Luminaire luminous flux	1998 lm
Luminaire luminous efficiency	102,5 lm/W

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Module designation	LED-0785/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2655 lm
Luminaire luminous flux	1950 lm
Luminaire luminous efficiency	100 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 50,000 h (L 90 B 50)

Ambient temperature max. $t_a = 40^\circ\text{C}$ (100 %)

LED psu:	50,000 h
LED module:	195,000 h (L 80 B 50) 50,000 h (L 90 B 50)

Lighting technology

Luminaire data for the DIALux lighting design
program 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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Colour temperature 2700 K.
Also available with 3000 K on request.
2700 K – article number + **K27**
3000 K – article number + **K3**

Optional finishes

- Velvet white
- Stainless steel

code number **.1**
code number **.2**