

BEGA**50 515.1**

Ceiling luminaire · downlight for indoor use



Project · Reference number


Date

Product data sheet

Application

LED ceiling luminaire downlight · 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 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
DALI controllable
A basic isolation exists between power cable
and control line
Safety class I
 – Safety mark
CE – Conformity mark
Weight: 2.9 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 17 W
Luminaire connected wattage 20 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a \max} = 45$ °C

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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 1654 lm
Luminaire luminous efficiency 82,7 lm/W

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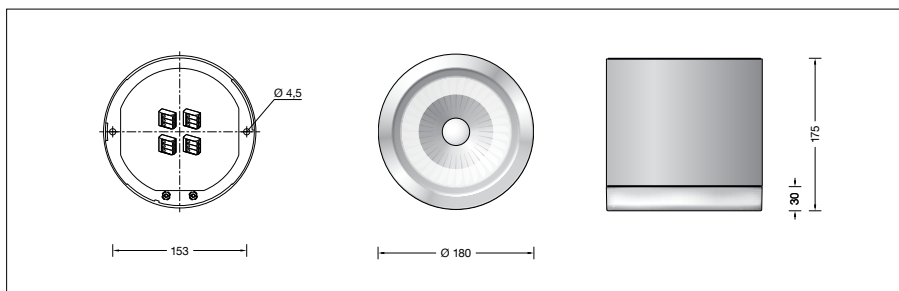
Module designation LED-0785/940
Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 2695 lm
Luminaire luminous flux 1679 lm
Luminaire luminous efficiency 84 lm/W

Service life of the LED

Ambient temperature $t_a = 25$ °C
– at 390,000h: L70B50

max. ambient temperature $t_a = 45$ °C

– at 300,000h: L70B50



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.

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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**