

BEGA**50 182.2**

Ceiling luminaire for indoor use

Project · Reference number

Date

Product data sheet

Application

LED ceiling luminaire · indoor luminaire with aluminium housing for non-glare light deflected downwards.

The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

LED ceiling luminaire »STUDIO LINE«

Aluminium housing shield,

velvet black enamel finish,

Inside hue matt aluminium

Light diffusing silicone lens

Mounting plate with 2 fixing

holes $\varnothing$ 4.5 mm · 60 mm spacing

Connecting terminals 2.5[□]

Earth conductor connection

LED power supply unit

220-240 V $\sim$ 0/50-60 Hz

Safety class I

CE – Conformity mark

Weight: 0.3 kg

Inrush current

Inrush current: 20 A / 170 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

4.9 W

Luminaire connected wattage

6.6 W

Rated temperature

$t_a = 25^\circ\text{C}$

Ambient temperature

$t_{a\text{ max}} = 30^\circ\text{C}$

Module designation

LED-0689/930

Colour temperature

3000 K

Colour rendering index

$R_a > 90$

Module luminous flux

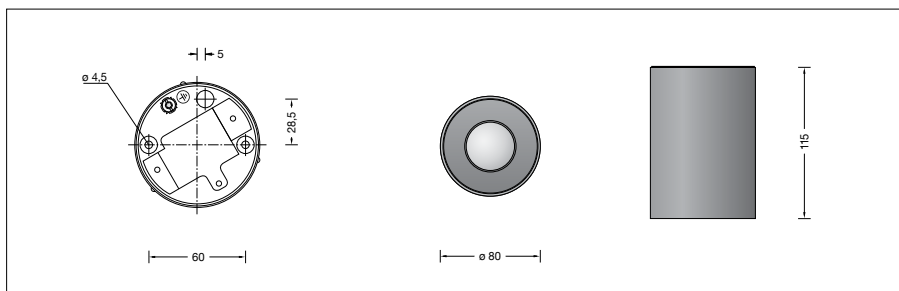
775 lm

Luminaire luminous flux

316 lm

Luminaire luminous efficiency

47,9 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15^\circ\text{C}$

– at 50,000h: L90B10

– at > 500,000h: L70B50

Ambient temperature $t_a = 25^\circ\text{C}$

– at 50,000h: L90B10

– at 484,000h: L70B50

max. ambient temperature $t_a = 30^\circ\text{C}$

– at 50,000h: L90B10

– at 351,000h: L70B50

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Interior colour options

- matt aluminium
- matt brass
- matt copper

Code number **.2**

Code number **.4**

Code number **.6**