

BEGA**50 184.2**

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
DC 176-264 V

Safety class I

– Safety mark

CE – Conformity mark

Weight: 0.3 kg

Inrush current

Inrush current: 6 A / 133 μ s

Maximum number of luminaires of this
type per miniature circuit breaker:

B 10A: 93 luminaires

B 16A: 150 luminaires

C 10A: 156 luminaires

C 16A: 250 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 4.9 W

Luminaire connected wattage 6.6 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a \max} = 40$ °C

50 184.2 K3

Module designation LED-0689/930

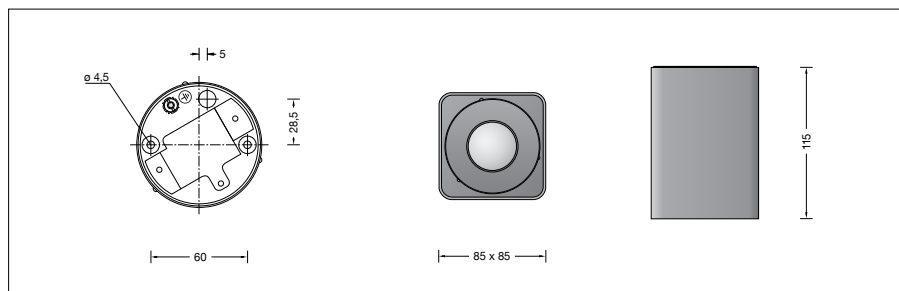
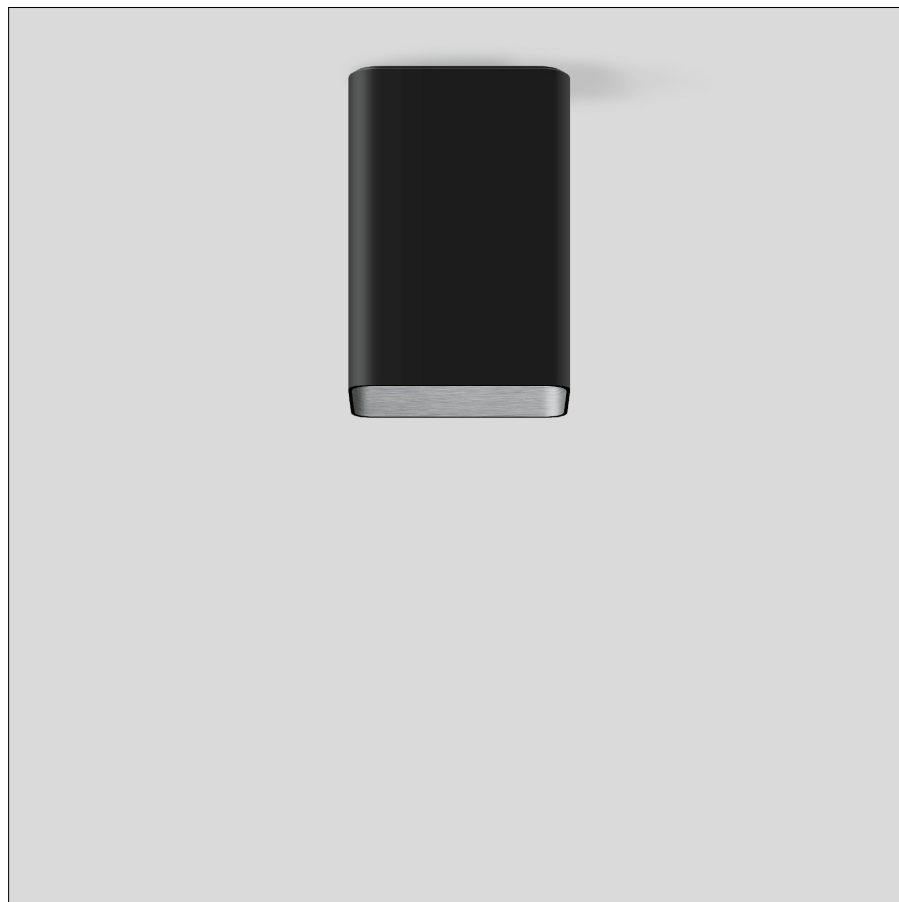
Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 775 lm

Luminaire luminous flux* 291 lm

Luminaire luminous efficiency* 44,1 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C

– at 454,000h: L70B50

max. ambient temperature $t_a = 40$ °C

– at 178,000h: L70B50

Article No. 50 184.2

Interior colour options

- matt aluminium
- matt brass
- matt copper

Code number **.2**

Code number **.4**

Code number **.6**

* preliminary data