

**BEGA****50 183.2**

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 · 80 mm spacing

Connecting terminals 2.5<sup>□</sup>

Earth conductor connection

LED power supply unit

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

DC 176-280 V

Safety class I

– Safety mark

**CE** – Conformity mark

Weight: 0.45 kg

### Inrush current

Inrush current: 20 A / 80  $\mu$ s

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

B 10 A: 35 luminaires

B 16 A: 56 luminaires

C 10 A: 58 luminaires

C 16 A: 94 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](http://www.bega.com).

### Lamp

Module connected wattage 8.9 W

Luminaire connected wattage 10.6 W

Rated temperature  $t_a = 25$  °C

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

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Module designation LED-0623/930

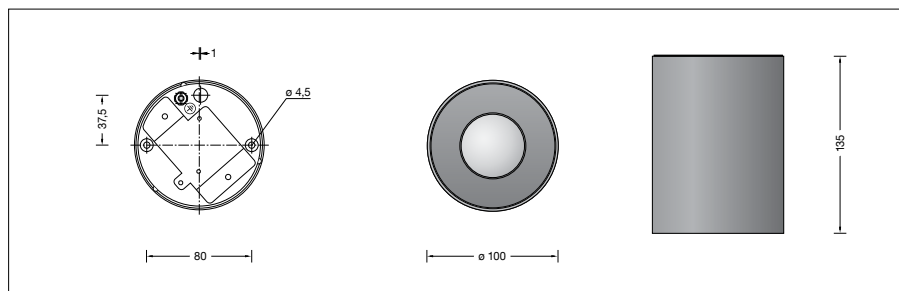
Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 1135 lm

Luminaire luminous flux\* 446 lm

Luminaire luminous efficiency\* 42,1 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25$  °C

– at 313,000h: L70B50

max. ambient temperature  $t_a = 40$  °C

– at 127,000h: L70B50

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Interior colour options

- matt aluminium
- matt brass
- matt copper

Code number **.2**

Code number **.4**

Code number **.6**

\* preliminary data