

BEGA**50 185.2**

Ceiling luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

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

Ceiling luminaire »STUDIO LINE«

Aluminium housing shield,
Finish Colour velvet black
inside hue aluminium matt
Light-diffusing silicone lens
Mounting plate with 2 fixing
holes \varnothing 4,5 mm · 80 mm spacing
Connecting terminals 2.5[□]
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: 0,6 kg

This product contains light sources of energy efficiency class(es) D, E

Inrush current

Inrush current: 20 A / 80 μ s

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

B 10A: 35 luminaires

B 16A: 56 luminaires

C 10A: 58 luminaires

C 16A: 94 luminaires

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.

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

50 185.2 K3

Module designation LED-0623/930

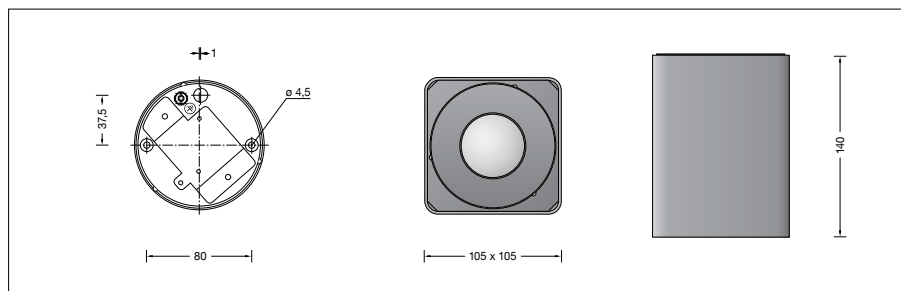
Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 1135 lm

Luminaire luminous flux 379 lm

Luminaire luminous efficiency 35,8 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25$ °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. $t_a = 40$ °C (100 %)

LED psu: 50,000 h

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

Article No. 50 185.2

Interior colour options

- matt aluminium
- matt brass
- matt copper

Code number **.2**

Code number **.4**

Code number **.6**