

**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,  
 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  
 – Conformity mark  
 Weight: 0,6 kg

### Inrush current

Inrush current: 20 A / 80  $\mu$ 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

### 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).

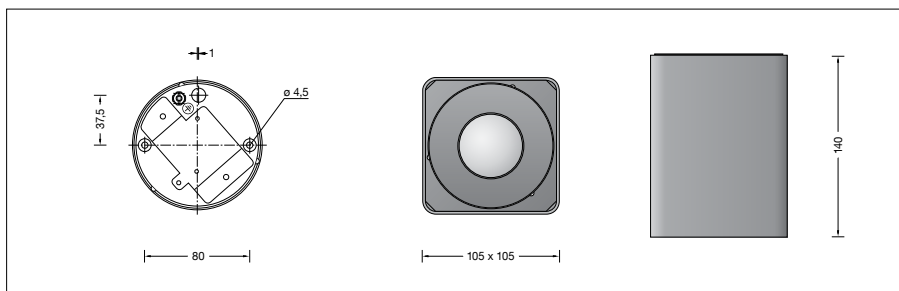
### Lamp

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*	379 lm
Luminaire luminous efficiency*	35,8 lm/W

\* preliminary data



### 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**