

**BEGA****50 678.6**

Ceiling luminaire · downlight for indoor use



Project · Reference number



Date

## Product data sheet

### Application

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

### Product description

LED ceiling luminaire downlight »STUDIO LINE«  
Aluminium luminaire housing,  
velvet white enamel finish  
Inside hue matt copper  
Trim ring · Chrome finish  
Light-diffusing silicone lens  
Reflector made of pure anodised aluminium  
2 mounting holes  $\varnothing$  4.5 mm  
Distance apart 112 mm  
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  
DALI controllable  
A basic isolation exists between power cable  
and control line  
Safety class I  
 – Safety mark  
 – Conformity mark  
Weight: 1.1 kg

### Inrush current

Inrush current: 5 A / 50  $\mu$ 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	11.5 W
Luminaire connected wattage	13.7 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 30$ °C

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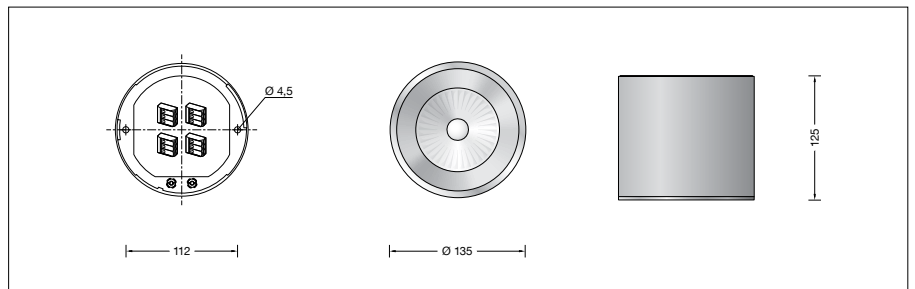
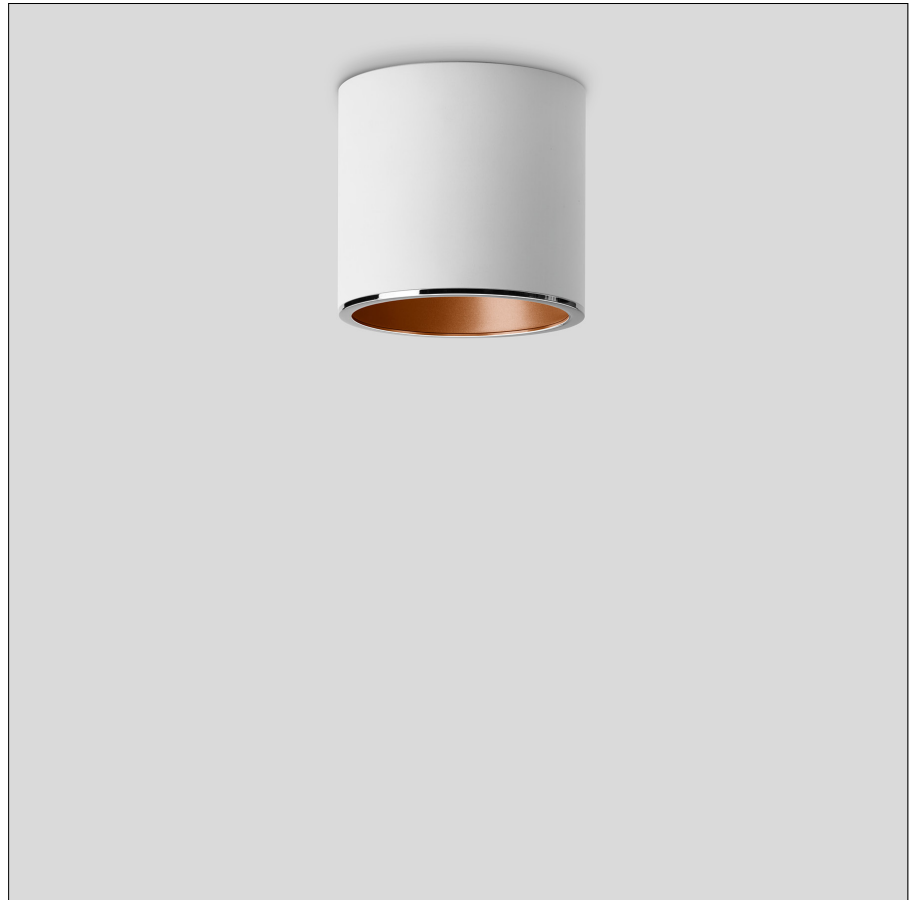
Module designation	LED-0800/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1735 lm
Luminaire luminous flux	1096 lm
Luminaire luminous efficiency	80 lm/W

### Service life of the LED

Ambient temperature  $t_a = 25$  °C  
– at 390,000h: L70B50

max. ambient temperature  $t_a = 30$  °C

– at 370,000h: L70B50



### Lighting technology

Half beam angle 43°  
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 are available on the  
BEGA website at [www.bega.com](http://www.bega.com).

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Interior colour options  
• matt aluminium  
• matt brass  
• matt copper

Code number **.2**  
Code number **.4**  
Code number **.6**