

BEGA**50 677.6**

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 96 mm
Connecting terminals 2.5[□]
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
CE – Conformity mark
Weight: 0.9 kg

Inrush current

Inrush current: 5 A / 50 μ 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	8.1 W
Luminaire connected wattage	9.8 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 35^\circ\text{C}$

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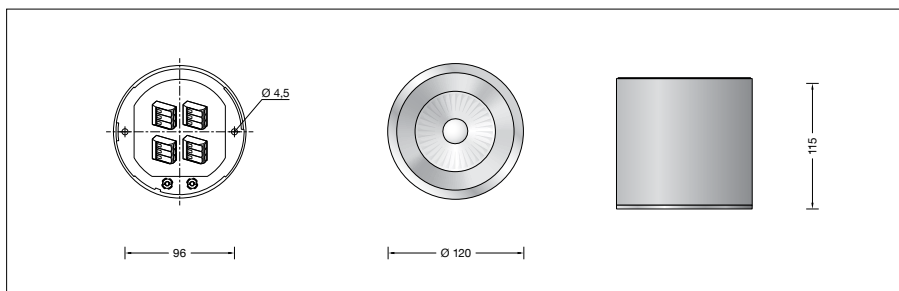
Module designation	LED-0800/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1255 lm
Luminaire luminous flux	807 lm
Luminaire luminous efficiency	82,3 lm/W

Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
– at 400,000h: L70B50

max. ambient temperature $t_a = 35^\circ\text{C}$

– at 360,000h: L70B50



Lighting technology

Half beam angle 33°
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.

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

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