

BEGA**50 931.2**

Ceiling luminaire · downlight for indoor use

Project · Reference number

Date

Product data sheet

Application

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

Product description

Ceiling luminaire downlight »STUDIO LINE«
Aluminium luminaire housing,
Finish Colour velvet black,
Inside hue matt aluminium
Trim ring · Chrome finish
Light-diffusing silicone lens
Reflector made of pure anodised aluminium
2 mounting holes $\varnothing$ 4.5 mm
Distance apart 66 mm
Connecting terminals 2.5[□]
Earth conductor connection
BEGA Ultimate Driver®
LED power supply unit
220-240 V $\sim$ 0/50-60 Hz
DC 176-264 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect
temperature-sensitive components
Safety class I
CE – Conformity mark
Weight: 0.55 kg

Inrush current

Inrush current: 7.8 A / 112 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10 A: 38 luminaires
B 16 A: 61 luminaires
C 10 A: 64 luminaires
C 16 A: 102 luminaires

Lamp

Module connected wattage	3.9 W
Luminaire connected wattage	5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 50^\circ\text{C}$

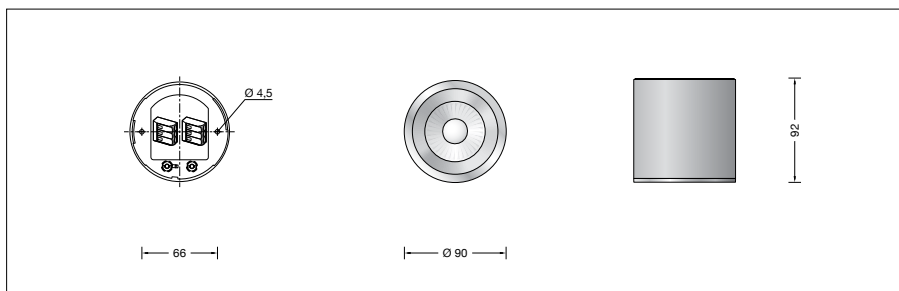
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Module designation	LED-1029/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	525 lm
Luminaire luminous flux	378 lm
Luminaire luminous efficiency	75,6 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
50,000 h (L 90 B 50)

Ambient temperature max. $t_a = 50^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: > 200,000 h (L 80 B 50)

**Lighting technology**

Half beam angle 35°
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**