

BEGA**50 813.6**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Recessed ceiling luminaire · indoor luminaire with symmetrical wide beam light distribution and a remote non-dimmable power supply unit. For installation in suspended ceilings of 5-30 mm in interior applications.

Product description

Recessed LED ceiling luminaire with a remote power supply unit
 Luminaire housing made of cast aluminium
 Ceiling trim ring finish, Colour velvet black
 Inside hue matt copper
 Fixing is achieved by using
 2 fastening springs
 Recessed opening \varnothing 100 mm
 Required installation depth 75 mm
 Light-diffusing disc
 External LED power supply unit
 220-240 V \sim 0/50-60 Hz
 Safety class II 
 – Safety mark
 CE – Conformity mark
 Weight: 0.35 kg
 This product contains light sources of energy efficiency class(es) D

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	7.8 W
Luminaire connected wattage	9.8 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 45 \text{ }^\circ\text{C}$

50 813.6 K3

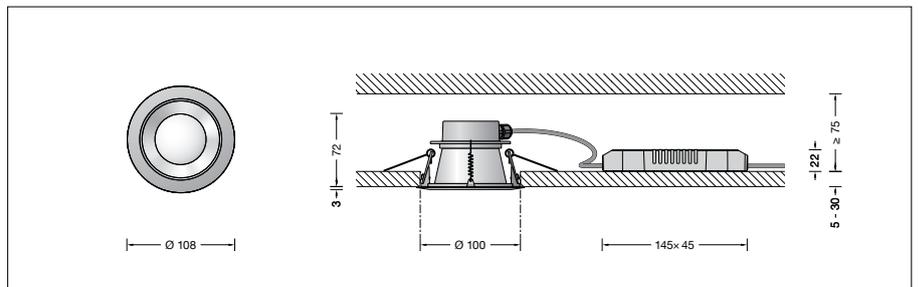
Module designation	LED-1021/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1180 lm
Luminaire luminous flux	402 lm
Luminaire luminous efficiency	41 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25 \text{ }^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	110,000 h (L80B50) 50,000 h (L90B50)

Ambient temperature max. $t_a = 45 \text{ }^\circ\text{C}$ (100 %)

LED psu:	50,000 h
LED module:	95,000 h (L80B50)



Inrush current

Inrush current: 5 A / 50 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 31 luminaires
 B16A: 50 luminaires
 C10A: 52 luminaires
 C16A: 85 luminaires

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Inside colour options:

- White
- Matt aluminium
- Matt brass
- Matt copper

Code number .1
Code number .2
Code number .4
Code number .6