

**BEGA****50 813.1**

Recessed ceiling luminaire for indoor use



Project · Reference number


Date

## Product data sheet

### Application

LED 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 frame ring,  
 Enamel, velvet black  
 Inside hue white enamel  
 Fixing is achieved by using  
 2 fastening springs  
 Recessed opening  $\varnothing$  100 mm  
 Recessed depth required 75 mm  
 Light-diffusing disc  
 External LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 Safety class II   
**CE** – Conformity mark  
 Weight: 0.35 kg

### Light technique

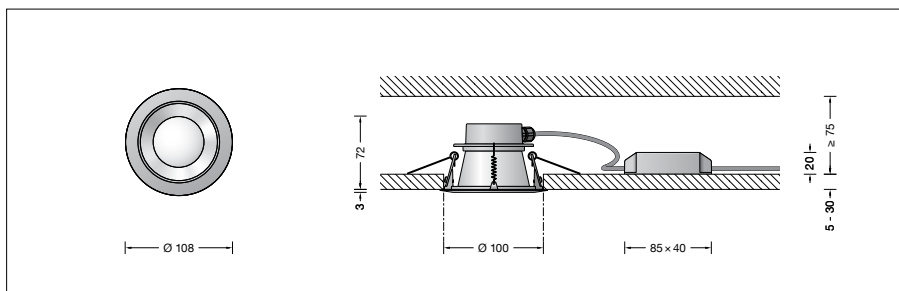
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page [www.bega.com](http://www.bega.com).

### Lamp

Module connected wattage	7.8 W
Luminaire connected wattage	9.8 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

### 50 813.1 K3

Module designation	LED-1021/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1180 lm
Luminaire luminous flux	660 lm
Luminaire luminous efficiency	67,3 lm/W



### Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000h
LED module:	105,000h (L 80 B 50) 50,000h (L 90 B 50)

Ambient temperature $t_{a \max} = 40$ °C (100 %)	
LED psu:	50,000h
LED module:	95,000h (L 80 B 50)

### Article No. 50 813.1

Interior colour options

- white
- matt aluminium
- matt brass
- matt copper

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