

**BEGA****50 397.1**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

## Product data sheet

### Application

LED recessed ceiling downlight · Interior luminaire with asymmetrical light distribution for connection to an external LED power supply unit.  
For surface mounted installation in suspended ceilings in interior of 5-25 mm.

### Product description

LED recessed luminaire without power supply unit  
Luminaire housing made of cast aluminium  
Installation housing is made of glass fibre reinforced synthetic material (polyamide) with 2 fastening springs  
Reflector surface made of pure aluminium  
Light-diffusing silicone lens  
Metal ceiling frame ring, finish white enamel  
Safety glass  
Recessed opening  $\varnothing$  188 mm  
Recessed depth required 130 mm  
1 connecting cable with strain relief and plug connector system for BEGA power supply unit, on/off or DALI  
Safety class III   
**CE** – Conformity mark

### Lamp

Module connected wattage	17.2 W
Luminaire connected wattage	20 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a, \text{max}} = 35 \text{ }^\circ\text{C}$

### 50 397.1 K3

Module designation	LED-0785/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2655 lm
Luminaire luminous flux	2130 lm
Luminaire luminous efficiency	106,5 lm/W

### 50 397.1 K4

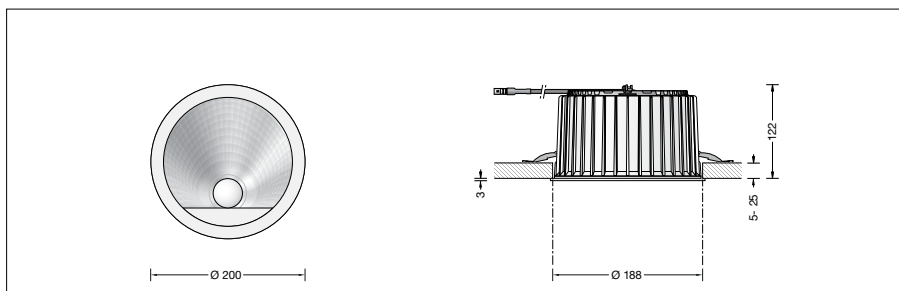
Module designation	LED-0785/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2695 lm
Luminaire luminous flux	2162 lm
Luminaire luminous efficiency	108,1 lm/W

### Lifetime of the LED

Ambient temperature  $t_a = 15 \text{ }^\circ\text{C}$   
– at 50,000h: L90B10  
– at 370,000h: L70B50

Ambient temperature  $t_a = 25 \text{ }^\circ\text{C}$   
– at 50,000h: L90B10  
– at 320,000h: L70B50

max. ambient temperature  $t_a = 35 \text{ }^\circ\text{C}$   
– at 50,000h: L80B10  
– at 275,000h: L70B50



### Accessories

Power supply units for LED luminaires  
220-240 V · 0/50-60 Hz with strain relief and plug connector system.

**13 144** Power supply unit on/off  
**13 170** Power supply unit DALI

The power supply units are only suitable for the operation of one LED luminaire.

For the accessories a separate instructions for use can be provided upon request.

### Lighting technology

Half beam angle  $46/70^\circ$   
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on the BEGA website [www.bega.com](http://www.bega.com).

### Article No. 50 397.1

LED colour temperature optionally 3000 K or 4000 K  
3000 K – Article number + **K3**  
4000 K – Article number + **K4**

Optional finishes

- White enamel
- Stainless steel
- Chrome

code number **.1**  
code number **.2**  
code number **.3**