

**BEGA****50 383.1**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

## Product data sheet

### Application

Recessed LED-ceiling luminaire · indoor luminaire with symmetrical wide beam light distribution for connection to external LED power supply unit. For flush-mounting installation in indoor suspended ceilings of 5-25 mm thickness.

### Product description

LED recessed luminaire without power supply unit  
 Luminaire housing made of cast aluminium  
 The recessed housing is made of glass fibre reinforced synthetic material  
 Centre-plate made of rigid polystyrene foam  
 Reflector surface made of pure aluminium  
 Optical silicone lens  
 Metal ceiling frame ring, finish white enamel  
 Safety glass  
 Recessed opening  $\varnothing$  125 mm  
 Recessed depth required 95 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  
 Weight: 0.33 kg

### Lighting technology

Half beam angle  $62^\circ$   
 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 our website [www.bega.com](http://www.bega.com).

### Lamp

Module connected wattage	8.1 W
Luminaire connected wattage	9.8 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 45^\circ\text{C}$
When installed in heat-insulating material	$t_{a\text{ max}} = 25^\circ\text{C}$

### 50 383.1 K3

Module designation	LED-0800/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1255 lm
Luminaire luminous flux	1041 lm
Luminaire luminous efficiency	106,2 lm/W

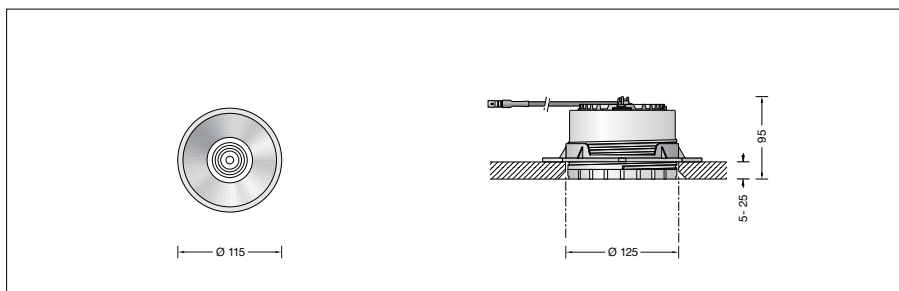
### 50 383.1 K4

Module designation	LED-0800/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1275 lm
Luminaire luminous flux	1058 lm
Luminaire luminous efficiency	108 lm/W

### Service life of the LED

Ambient temperature  $t_a = 25^\circ\text{C}$   
 – at 340,000 h: L70 B50

max. ambient temperature  $t_a = 45^\circ\text{C}$   
 – at 340,000 h: L70 B50



### Accessories

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

**13 143** Power supply unit on/off

**13 168** 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.

### Article No. 50 383.1

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