

BEGA**50 391.1**

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 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 polyamide with 2 fastening springs
Reflector surface made of pure aluminium
Optical 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 W |
| Luminaire connected wattage | 20 W |
| Rated temperature | $t_a = 25$ °C |
| Ambient temperature | $t_{a \max} = 40$ °C |
| When installed in heat-insulating material | $t_{a \max} = 25$ °C |

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| | |
|-------------------------------|--------------|
| Module designation | LED-0785/930 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI >90 |
| Module luminous flux | 2655 lm |
| Luminaire luminous flux | 2294 lm |
| Luminaire luminous efficiency | 114,7 lm/W |

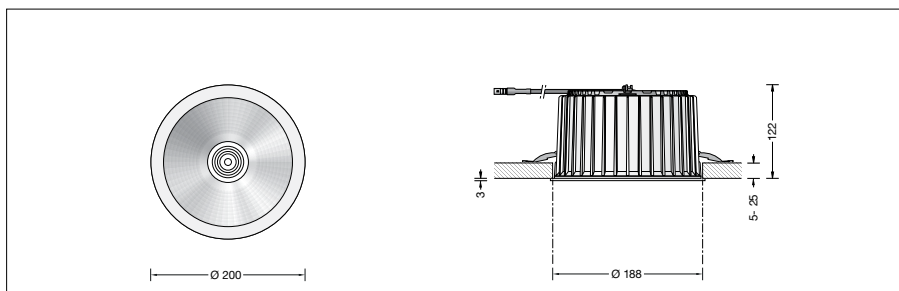
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| | |
|-------------------------------|--------------|
| Module designation | LED-0785/940 |
| Colour temperature | 4000 K |
| Colour rendering index | CRI >90 |
| Module luminous flux | 2695 lm |
| Luminaire luminous flux | 2329 lm |
| Luminaire luminous efficiency | 116,4 lm/W |

Service life of the LED

Ambient temperature $t_a = 25$ °C
– at 310,000h: L70B50

max. ambient temperature $t_a = 40$ °C
– at 310,000h: L70B50



Lighting technology

Half beam angle 31°
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.

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

Optional finishes

- White enamel code number **.1**
- Stainless steel code number **.2**
- Chrome code number **.3**

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.