

BEGA**50 390.1**

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 synthetic material (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 146 mm
 Recessed depth required 105 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

Lighting technology

Half beam angle 35°
 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.

Lamp

Module connected wattage	11.5 W
Luminaire connected wattage	13.5 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 35 \text{ }^\circ\text{C}$

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Module designation	LED-0800/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1735 lm
Luminaire luminous flux	1526 lm
Luminaire luminous efficiency	113 lm/W

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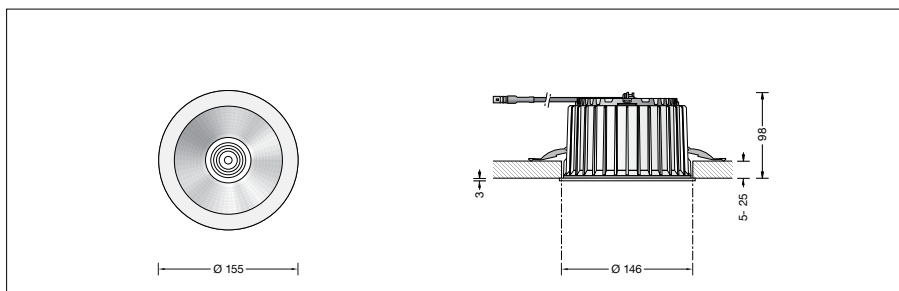
Module designation	LED-0800/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1760 lm
Luminaire luminous flux	1548 lm
Luminaire luminous efficiency	114,7 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15 \text{ }^\circ\text{C}$
 – at 50,000h: L90B10
 – at 420,000h: L70B50

Ambient temperature $t_a = 25 \text{ }^\circ\text{C}$
 – at 50,000h: L90B10
 – at 360,000h: L70B50

max. ambient temperature $t_a = 35 \text{ }^\circ\text{C}$
 – at 50,000h: L90B50
 – at 310,000h: 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
13 169 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.

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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
 • Stainless steel
 • Chrome

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