BEGA 50 449.1

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 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 (polyamide).
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 ø 142 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 60°
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

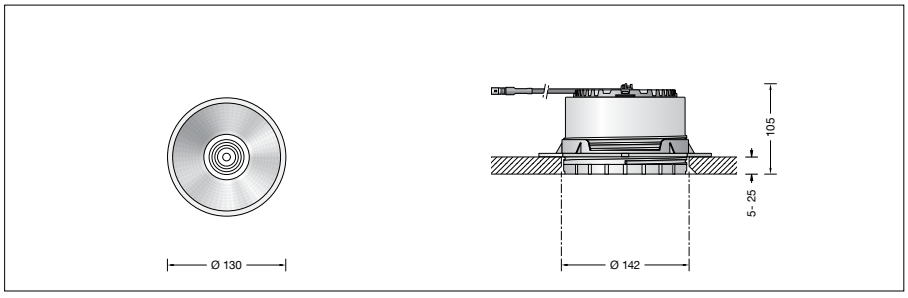
Module connected wattage	16.8 W
Luminaire connected wattage	19.5 W
Rated temperature	$t_a = 25$ °C
Service life criteria	50 000 h / L_{70}

50 449.1 K3

Module designation	LED-0800/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2850 lm
Luminaire luminous flux	2380 lm
Luminaire luminous efficiency	122,1 lm / W

50 449.1 K4

Module designation	LED-0800/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2920 lm
Luminaire luminous flux	2438 lm
Luminaire luminous efficiency	125 lm / W



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

13 145 Power supply unit on/off
13 171 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. 50 449.1
LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**