

BEGA**50 685.4**

Recessed ceiling downlight for indoor use



Project · Reference number

Date

Product data sheet

Application

Recessed 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

Recessed ceiling luminaire downlight »STUDIO LINE« 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
Trim ring, Colour velvet black
Reflector made of pure anodised aluminium
Inside hue matt brass
Recessed opening \varnothing 142 mm
Required installation depth 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
Weight: 0.75 kg
This product contains light sources of energy efficiency class(es) E

Lighting technology

Half beam angle 33°
Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on our website at www.bega.com.

Lamp

Module connected wattage	11.5 W
Luminaire connected wattage	13.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 45^\circ\text{C}$

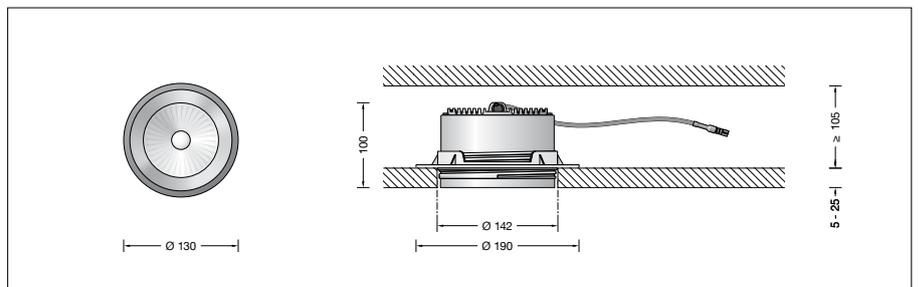
50 685.4 K3

Module designation	LED-0800/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1735 lm
Luminaire luminous flux	1127 lm
Luminaire luminous efficiency	83,5 lm/W

Service life · Ambient temperature

Rated temperature	$t_a = 25^\circ\text{C}$
LED module:	> 200,000 h (L.80 B.50)
	50,000 h (L.90 B.50)

Ambient temperature max.	$t_a = 45^\circ\text{C}$ (100 %)
LED module:	160,000 h (L.80 B.50)



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.

Article No. 50 685.4

Interior colour options

- matt aluminium
- matt brass
- matt copper

Code number **.2**
Code number **.4**
Code number **.6**

Light distribution

