

BEGA**50 382.1**

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
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 184 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

50 382.1 K3

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

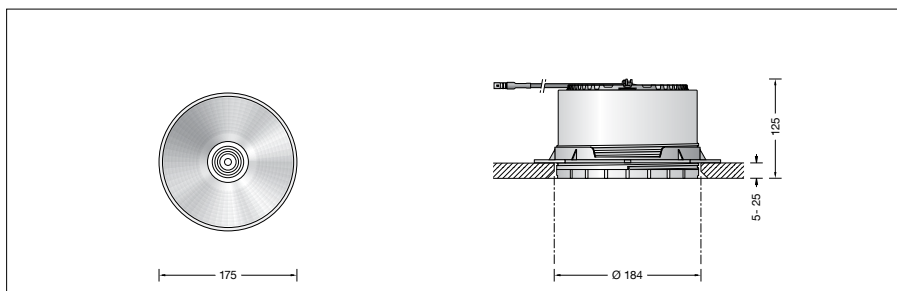
50 382.1 K4

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.

Article No. 50 382.1

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

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.