

BEGA**50 379.1**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

Product data sheet**Application**

LED recessed ceiling downlight · Interior luminaire with symmetrical narrow beam light distribution for connection to an 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

50 379.1 K3

Module designation LED-0785/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 2655 lm

Luminaire luminous flux 2293 lm

Luminaire luminous efficiency 114,6 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 2328 lm

Luminaire luminous efficiency 116,4 lm/W

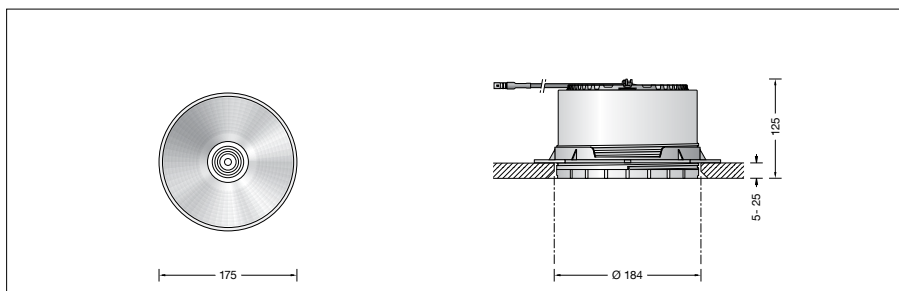
Service life of the LED

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 19°

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. 50 379.1

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.