

BEGA**50 442.1**

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-mounting 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 125 mm

Recessed depth required 95 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: 0.8 kg

Lighting technology

Half beam angle 21°

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 $t_a = 25$ °C

Service life criteria 50 000 h / L₇₀

50 442.1 K3

Module designation LED-0800/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 2025 lm

Luminaire luminous flux 1707 lm

Luminaire luminous efficiency 126,4 lm/W

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Module designation LED-0800/840

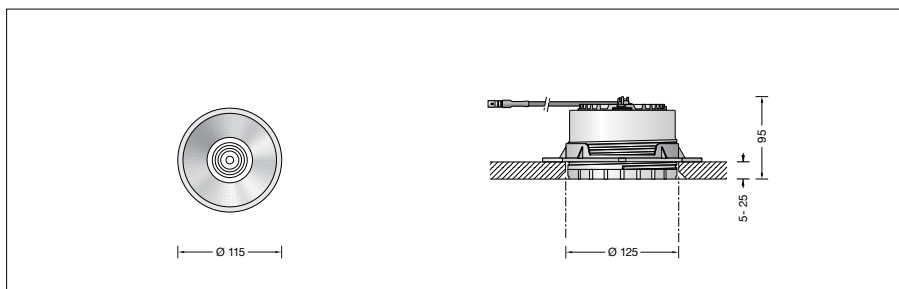
Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 2080 lm

Luminaire luminous flux 1753 lm

Luminaire luminous efficiency 129,9 lm/W



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**