

**BEGA****50 003.2**

Recessed ceiling luminaire for indoor use

IP 65

Project · Reference number

Date

## Product data sheet

**Application**

LED recessed ceiling luminaire · indoor luminaire with crystal glass for wide beam light. The used LED technique offers durability and optimal light output with low power consumption at the same time.

For installation in suspended ceilings of 10-45 mm in interior applications.

A remote power supply unit is required to operate this luminaire.

If this luminaire should be integrated into a LCN or ZigBee controlled building management system we recommend our BEGA Control light control system.

**Product description**

LED recessed luminaire without power supply unit

Luminaire made of cast aluminium, aluminium and stainless steel

Partially matt crystal glass with screw neck  
Silicone gasket

Reflector made of pure anodised aluminium  
Ceiling frame ring with optional finish:

Metal white                      Reference number **.1**

Stainless steel                    Reference number **.2**

polished stainless steel        Reference number **.3**

Luminaire housing with 2 fixing claws and guide screws

Ceiling aperture  $\varnothing$  128 mm

Free space installation depth required 90 mm

0,5 m mains supply cable A05VV-F 2x0,5<sup>□</sup> with plug

Safety class III ⚡

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK06

Protection against mechanical

impacts < 1 joule

CE – Conformity mark

**Lighting technology**

Half beam angle 49°.

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 the BEGA website [www.bega.com](http://www.bega.com).

**Lamp**

Module connected wattage                      17,5 W

Luminaire connected wattage                    22 W

Rated temperature                                 $t_a = 25^\circ\text{C}$

Ambient temperature                               $t_{a\text{max}} = 25^\circ\text{C}$

**50 003.2**

Module designation                              LED-0443/830

Colour temperature                                3000 K

Colour rendering index                             $R_a > 80$

Module luminous flux                             2120 lm

Luminaire luminous flux                         871 lm

Luminaire luminous efficiency                 39,6 lm/W

**50 003.2 K4**

Module designation                              LED-0443/840

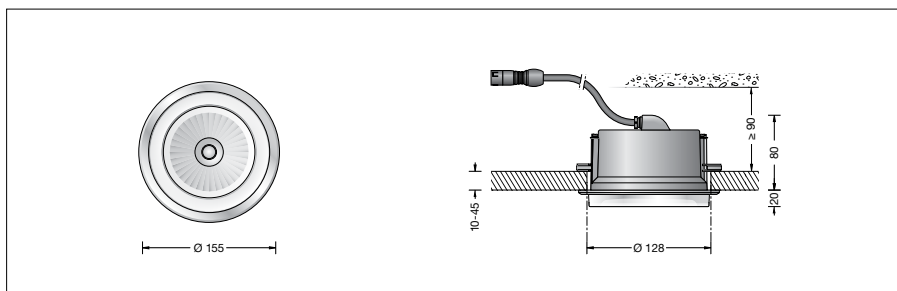
Colour temperature                                4000 K

Colour rendering index                             $R_a > 80$

Module luminous flux                             2220 lm

Luminaire luminous flux                         912 lm

Luminaire luminous efficiency                 41,5 lm/W

**Lifetime of the LED**

Ambient temperature  $t_a = 15^\circ\text{C}$

– at 50,000h: L90B50

– at 220,000h: L70B50

Ambient temperature  $t_a = 25^\circ\text{C}$

– at 50,000h: L80B10

– at 160,000h: L70B50

max. ambient temperature  $t_a = 25^\circ\text{C}$

– at 50,000h: L80B10

– at 160,000h: L70B50

**Article No. 50 003.2**

LED colour temperature optionally 3000K or 4000K

3000 K – Article number

4000 K – Article number + **K4**

**Finish options**

- Enamel, white                                      Code number **.1**
- Stainless steel                                      Code number **.2**
- Polished stainless steel                         Code number **.3**

**Accessories**

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

**10 527** Power supply unit dimmable 1-10 V

**10 528** Power supply unit DALI

The power supply units are only suitable for the operation of one LED luminaire.

**10 441** Installation housing

For the accessories a separate instructions for use can be provided upon request.