

BEGA**50 435.2**

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 surface mounted installation in suspended ceilings in interior of 5-25 mm.

Product description

LED recessed luminaire without power supply unit
 Luminaire housing made of cast aluminium
 Installation housing is made of glass-fibre reinforced polyamide with 2 fastening springs
 Reflector surface made of pure aluminium
 Optical silicone lens
 Ceiling frame ring stainless steel finish
 Safety glass
 Recessed opening \varnothing 188 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
 Weight: 1.4 kg

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.

Lamp

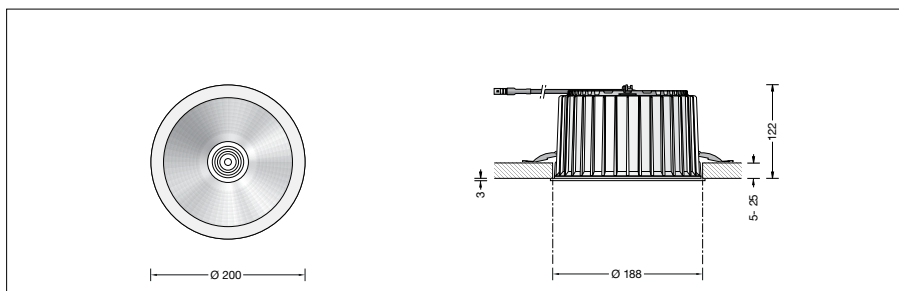
Module connected wattage	25 W
Luminaire connected wattage	29 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^\circ\text{C}$
When installed in heat-insulating material	$t_{a\text{max}} = 25^\circ\text{C}$

50 435.2 K3

Module designation	LED-0785/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4365 lm
Luminaire luminous flux	3819 lm
Luminaire luminous efficiency	131,7 lm/W

50 435.2 K4

Module designation	LED-0785/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4480 lm
Luminaire luminous flux	3920 lm
Luminaire luminous efficiency	135,2 lm/W



Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
 – at 190,000h: L70B50
 max. ambient temperature $t_a = 45^\circ\text{C}$
 – at 190,000h: L70B50

Article No. 50 435.2

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

Optional finishes

- White enamel code number **.1**
- Stainless steel code number **.2**
- Chrome code number **.3**

Accessories

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

13 145 Power supply unit on/off

13 171 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.