BEGA

50 434.2

Recessed ceiling downlight 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 ø 146 mm
Recessed depth required 105 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: 0.89 kg

Lamp
Module connected wattage	16.8 W
Luminaire connected wattage	19.5 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 30 °C

50 434.2 K3
Module designation	LED-0800/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2850 lm
Luminaire luminous flux	2438 lm
Luminaire luminous efficiency	125 lm/W

50 434.2 K4
Module designation	LED-0800/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2920 lm
Luminaire luminous flux	2498 lm
Luminaire luminous efficiency	128,1 lm/W

Service life of the LED
Ambient temperature t_a = 25 °C
– at 280,000 h: L70 B50

max. ambient temperature t_a = 30 °C
– at 260,000 h: L70 B50
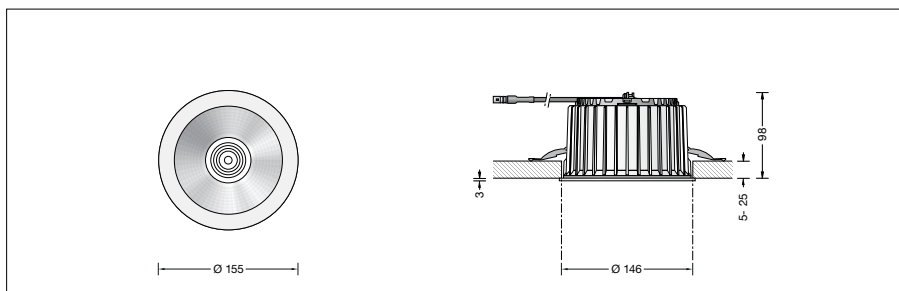
Accessories
Power supply units for LED luminaires 220-240 V · 0/50-60 Hz with strain relief and plug connector system.

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.

Lighting technology
Half beam angle 35°
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. 50 434.2
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**