

**BEGA****50 434.3**

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 chrome finish  
 Safety glass  
 Recessed opening  $\varnothing$  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

### 50 434.3 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

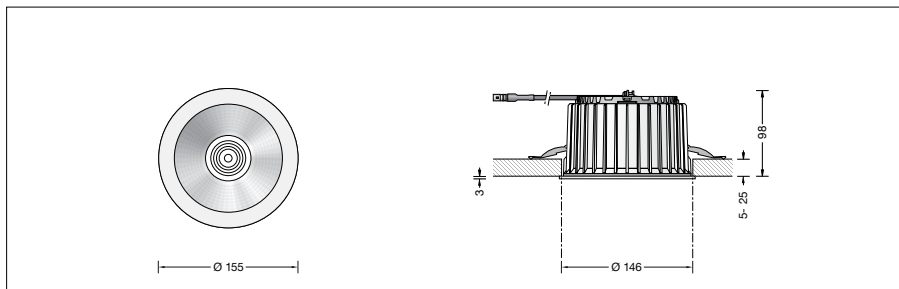
### 50 434.3 K4

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 280,000h: L70B50

max. ambient temperature  $t_a = 30$  °C  
 – at 260,000h: L70B50



### 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](http://www.bega.com).

### Article No. 50 434.3

LED colour temperature optionally 3000K or 4000K  
 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**