

**BEGA****50 445.1**

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 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: 0.6 kg

### Lighting technology

Half beam angle 38°  
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).

### Lamp

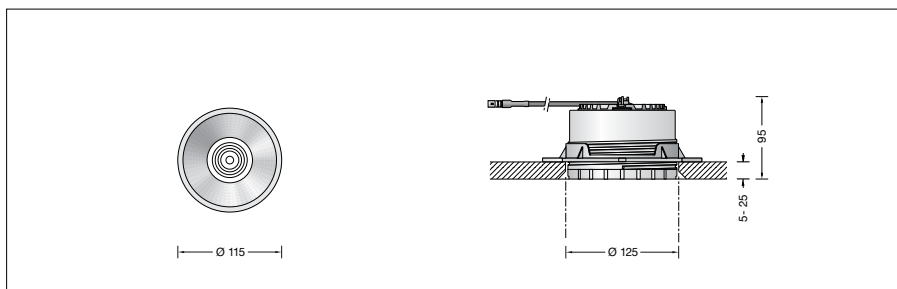
Module connected wattage	11.5 W
Luminaire connected wattage	13.5 W
Rated temperature	$t_a = 25$ °C
Service life criteria	50 000 h/L <sub>70</sub>

### 50 445.1 K3

Module designation	LED-0800/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2025 lm
Luminaire luminous flux	1668 lm
Luminaire luminous efficiency	123,6 lm/W

### 50 445.1 K4

Module designation	LED-0800/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2080 lm
Luminaire luminous flux	1713 lm
Luminaire luminous efficiency	126,9 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.

### Article No. 50 445.1

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