

**BEGA****55 943**

Recessed ceiling luminaire

IP 65

Project · Reference number

Date

**Product data sheet****Application**

LED recessed ceiling luminaire with crystal glass for wide beam light. For installation in suspended ceilings of 10-45 mm in interior or exterior 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  
Crystal glass with thread, partially frosted  
Silicone gasket  
Reflector made of pure anodised aluminium  
Luminaire housing with 2 fixing claws and guide screws  
Recessed opening  $\varnothing$  128 mm  
Recessed depth required 90 mm  
0,5 m mains supply cable NS20N 2 x 0,5<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  
Weight: 1.2 kg

**Lamp**

Module connected wattage	12.7 W
Luminaire connected wattage	15.5 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 30 \text{ }^\circ\text{C}$

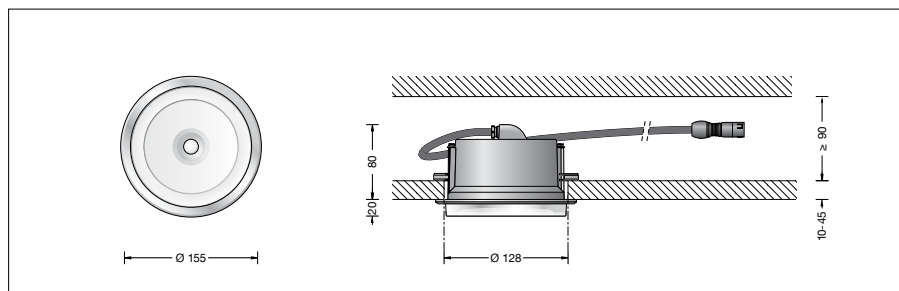
On request we can offer you modifications for environments with higher temperatures as a customized product.

**55 943 K3**

Module designation	LED-0723/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1945 lm
Luminaire luminous flux	848 lm
Luminaire luminous efficiency	54,7 lm/W

**55 943 K4**

Module designation	LED-0723/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2065 lm
Luminaire luminous flux	900 lm
Luminaire luminous efficiency	58,1 lm/W

**Service life of the LED**

Ambient temperature  $t_a = 25 \text{ }^\circ\text{C}$   
– at 300,000h: L70B50  
max. ambient temperature  $t_a = 30 \text{ }^\circ\text{C}$   
– at 270,000h: L70B50

**Lighting technology**

Half beam angle  $43^\circ$   
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. 55 943**

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

**Accessories**

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

**13 192** Power supply unit on/off  
**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.

**Light distribution**