

BEGA**55 942**

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
Clear safety glass
Silicone gasket
Reflector made of pure anodised aluminium
Luminaire housing with 2 fixing claws and guide screws
Recessed opening \varnothing 97 mm
Recessed depth required 110 mm
0,5 m mains supply cable A05VV-F 2x0,5[□] 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: 0.65 kg

Lamp

Module connected wattage	8.7 W
Luminaire connected wattage	11 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C
When installed in heat-insulating material	$t_{a \max} = 25$ °C

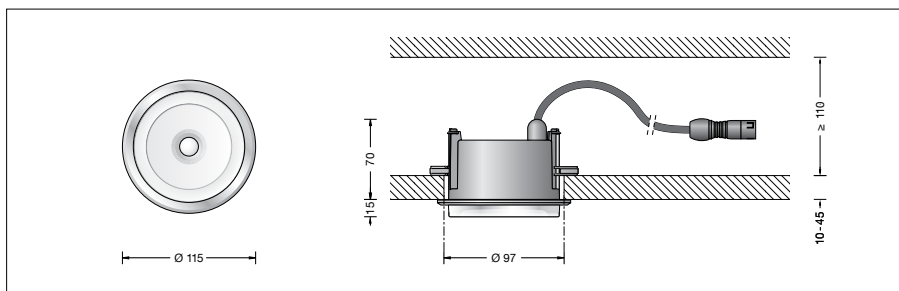
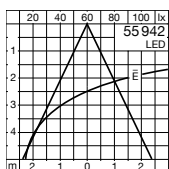
On request we can offer you modifications for environments with higher temperatures as a customized product.

55 942 K3

Module designation	LED-0829/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1455 lm
Luminaire luminous flux	631 lm
Luminaire luminous efficiency	57,4 lm/W

55 942 K4

Module designation	LED-0829/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1550 lm
Luminaire luminous flux	672 lm
Luminaire luminous efficiency	61,1 lm/W

Light distribution**Service life of the LED**

Ambient temperature $t_a = 25$ °C
– at 290,000h: L70B50

max. ambient temperature $t_a = 40$ °C
– at 290,000h: L70B50

Lighting technology

Half beam angle 54°
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. 55 942

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.

13 191 Power supply unit on/off
10 520 Power supply unit DALI

The power supply units are only suitable for the operation of one LED luminaire.

10 440 Installation housing

For the accessories a separate instructions for use can be provided upon request.