


Project · Reference number

Date

Application

LED recessed ceiling luminaire with crystal glass for wide beam light. The used LED technique offers durability and optimal light output with low power consumption at the same time. For installation in suspended ceilings of 5-50 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

Recessed LED luminaire without power supply unit
Luminaire made of aluminium alloy, aluminium and stainless steel
Partially matt crystal glass with screw neck
Silicone gasket
Reflector made of anodised pure aluminium
Luminaire housing with 2 fixing claws and guide screws
Ceiling aperture \varnothing 160 mm
Recessed depth required 90 mm
0,5 m mains supply cable A05VV-F 2 x 0,75² with plug
Safety class III 
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical impacts < 2 joule
CE – Conformity mark
Weight: 1.9 kg

Light technique

Half beam angle 48°.
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT and IES-format you will find on the BEGA web page www.bega.com.

Accessories

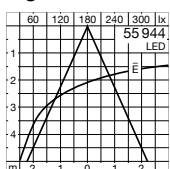
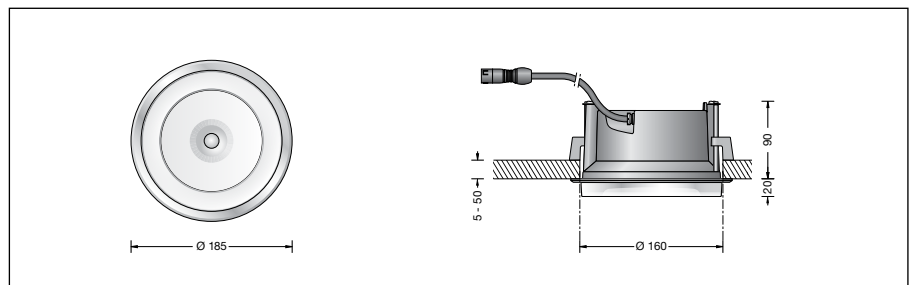
Power supply units for LED luminaires
220 - 240 V · 0/50-60 Hz with strain relief and plug connector system.

10529 Power supply unit dimmable 1-10 V
10530 Power supply unit DALI

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

10442 Installation housing

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

Light distributionwww.bega.com**Lamp**

Module connected wattage	25.3 W
Luminaire connected wattage	30.5 W
Rated temperature	$t_a = 25\text{ }^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 25\text{ }^\circ\text{C}$

55 944

Module designation	LED-0443/830
Colour temperature	3000 K
Colour rendering index	$R_a > 80$
Module luminous flux	2960 lm
Luminaire luminous flux	1319 lm
Luminaire luminous efficiency	43,2 lm/W

55 944 K4

Module designation	LED-0443/840
Colour temperature	4000 K
Colour rendering index	$R_a > 80$
Module luminous flux	3090 lm
Luminaire luminous flux	1377 lm
Luminaire luminous efficiency	45,1 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15\text{ }^\circ\text{C}$
– at 50,000h: L80B10
– at 160,000h: L70B50

Ambient temperature $t_a = 25\text{ }^\circ\text{C}$
– at 50,000h: L80B10
– at 125,000h: L70B50

max. ambient temperature $t_a = 25\text{ }^\circ\text{C}$
– at 50,000h: L80B10
– at 125,000h: L70B50

Article No. 55 944

Colour temperature 3000 K.
Also available with 4000 K on request.
3000 K – article number
4000 K – article number + **K4**