

Recessed ceiling downlight for indoor use



Project · Reference number

Date

Product data sheet

Application

Recessed ceiling downlight · Interior luminaire with symmetrical narrow beam light distribution for connection to an external LED power supply unit. For surface-mounted installation in indoor suspended ceilings of 5-25 mm thickness.

Product description

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 made of pure anodised aluminium
Optical silicone lens
Partially matt crystal glass
Recessed opening \varnothing 130 mm
Required installation depth 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: 1.3 kg
This product contains light sources of energy efficiency class(es) E

Lighting technology

Half beam angle 59°
Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on our website at www.bega.com.

Lamp

Module connected wattage	8.1 W
Luminaire connected wattage	9.8 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 55\text{ °C}$
When installed in heat-insulating material	$t_{a\text{ max}} = 35\text{ °C}$

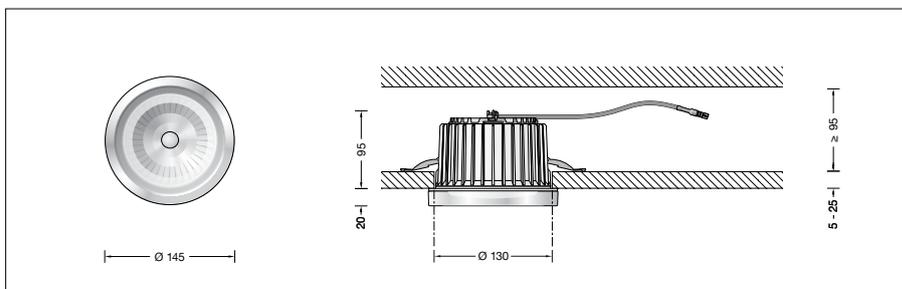
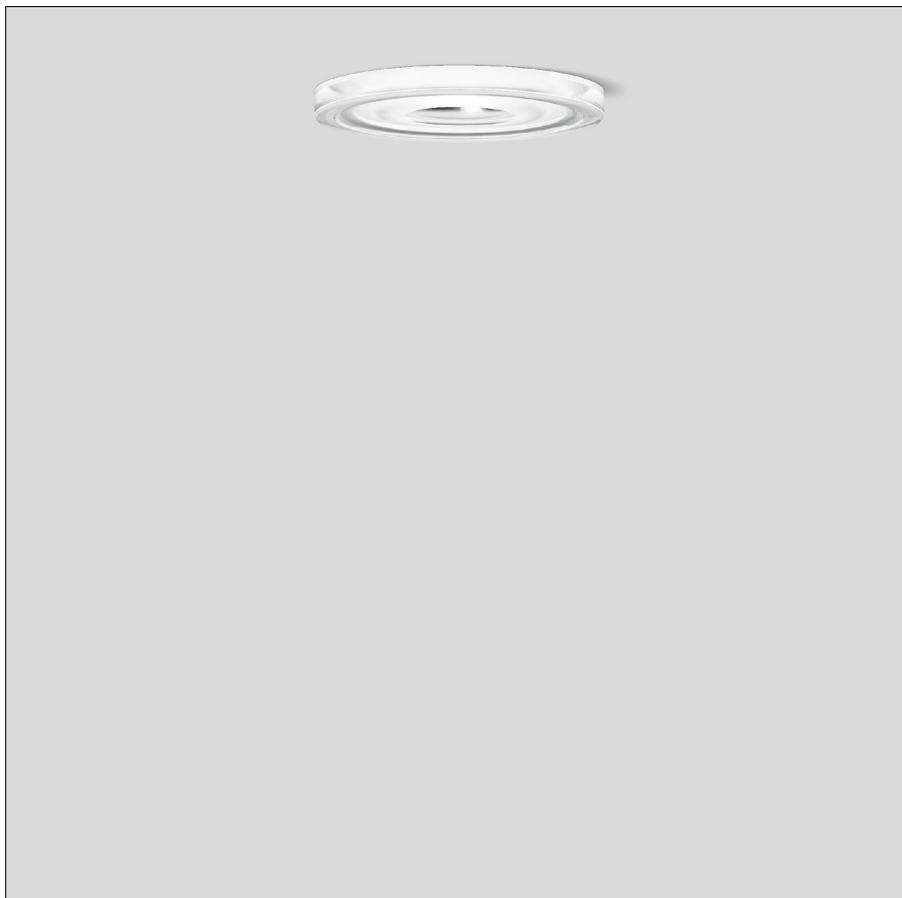
50 687 K3

Module designation	LED-0800/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1255 lm
Luminaire luminous flux	796 lm
Luminaire luminous efficiency	81,2 lm/W

Service life · Ambient temperature

Rated temperature	$t_a = 25\text{ °C}$
LED module:	> 200,000h (L.80 B50)
	50,000h (L.90 B50)

Ambient temperature max.	$t_a = 55\text{ °C}$ (100 %)
LED module:	145,000h (L.80 B50)



Accessories

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

13 143 Power supply unit on/off

13 168 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.

Light distribution

