

BEGA**24 802**

Recessed ceiling luminaire

IP 65

Project · Reference number

Date

Product data sheet

Application

Recessed LED ceiling luminaire
with symmetrical narrow beam light distribution.

Product description

LED recessed luminaire without power supply unit
Luminaire made of cast aluminium, aluminium and stainless steel
Safety glass with optical structure
Silicone gasket
BEGA Vortex Optics®
Reflector surface made of pure aluminium
Required recessed opening 142 x 142 mm
Recessed depth 70 mm
0,5 m mains supply cable A05VV-F 2 x 0,5[□] 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: 0.6 kg

Lighting technology

Half beam angle 28°
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.

Lamp

Module connected wattage	17.8 W
Luminaire connected wattage	21.5 W
Rated temperature	$t_a = 25 \text{ °C}$
Ambient temperature	$t_{a \text{ max}} = 30 \text{ °C}$

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

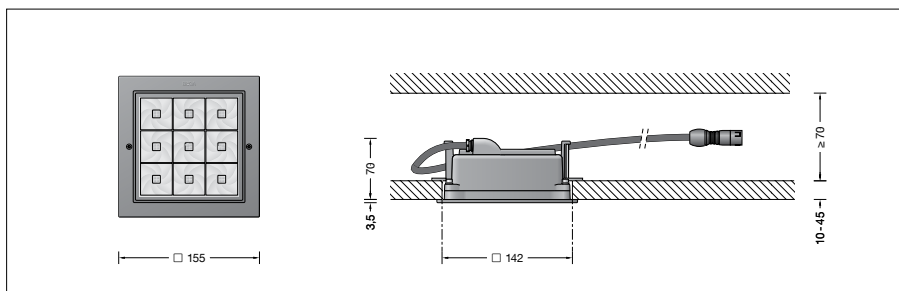
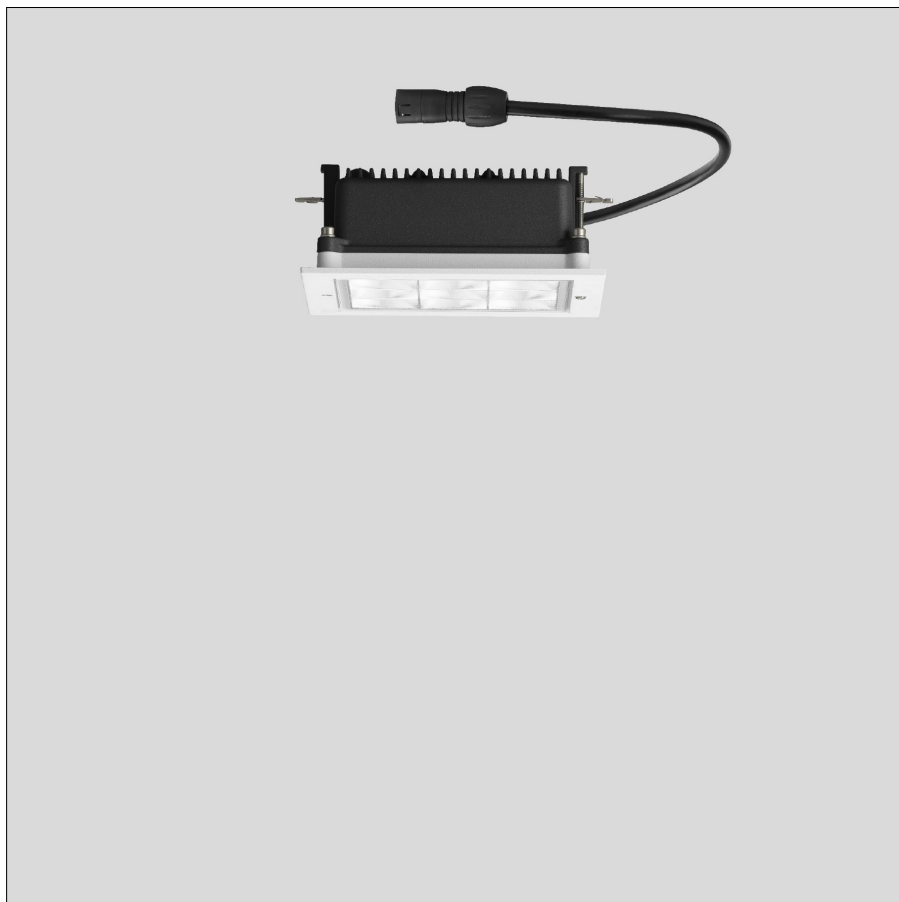
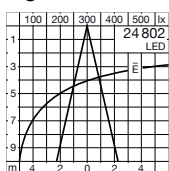
24 802 K3

Module designation	LED-0586/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2500 lm
Luminaire luminous flux	1289 lm
Luminaire luminous efficiency	60 lm/W

24 802 K4

Module designation	LED-0586/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2500 lm
Luminaire luminous flux	1289 lm
Luminaire luminous efficiency	60 lm/W

Light distribution



Service life of the LED

Ambient temperature $t_a = 25 \text{ °C}$
– at 97,000h: L70B50

max. ambient temperature $t_a = 30 \text{ °C}$
– at 73,000h: L70B50

Article No. 24 802

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

Colour white or silver
white – article number
silver – article number + **A**

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.

13 501 Installation housing

A separate instructions for use can be provided upon request.