


Project · Reference number

Date

Application

LED recessed ceiling luminaire with asymmetrical wide beam light distribution. The used LED technique offers durability and optimal light output with low power consumption at the same time.

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
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 0,5² 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: 0.95 kg

Lighting technology

Half beam angle 46/52°.
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	$t_{a\text{ max}} = 35\text{ °C}$

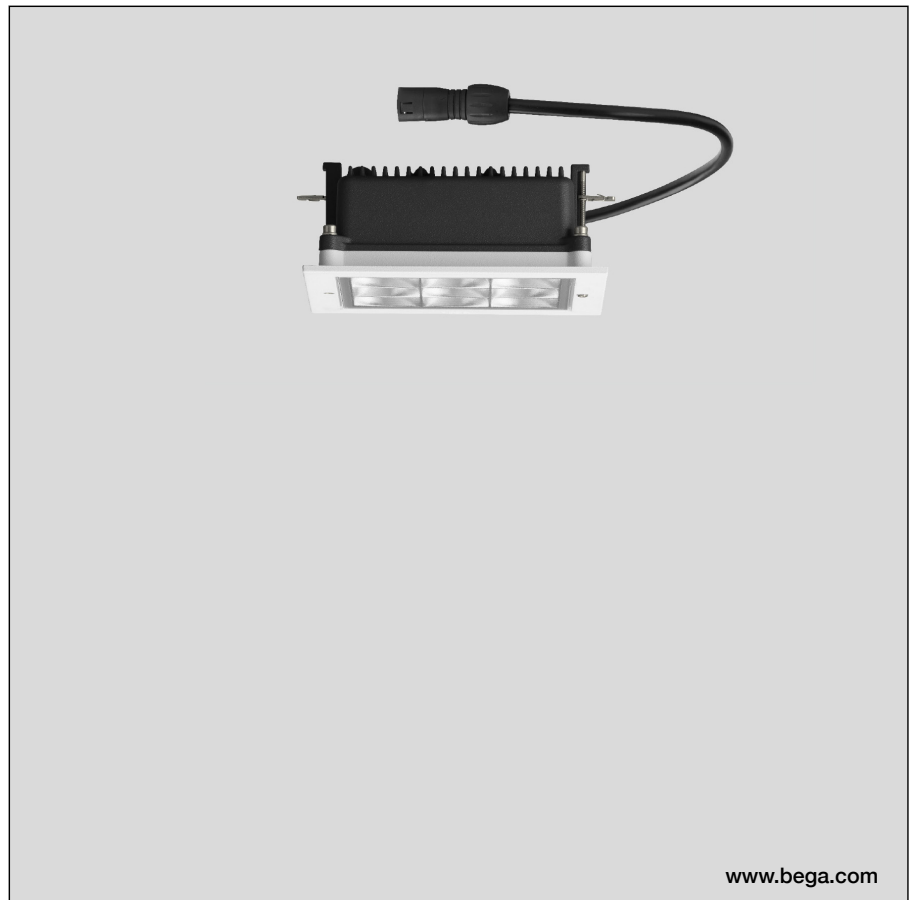
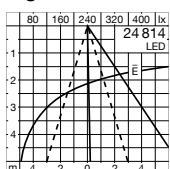
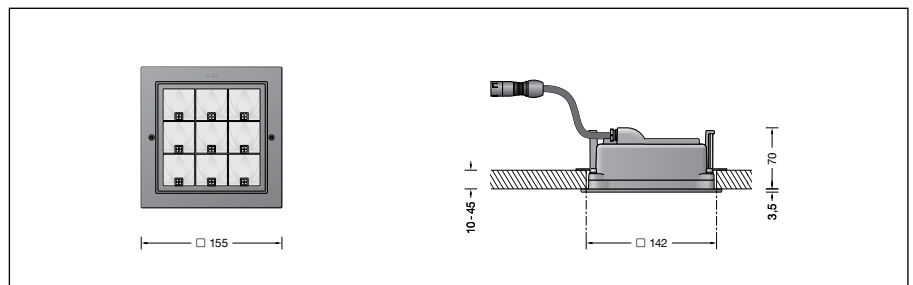
On request we can offer you modifications for environments with higher temperatures as a customized product.

24 814

Module designation	LED-0586/830
Colour temperature	3000 K
Colour rendering index	$R_a > 80$
Module luminous flux	2500 lm
Luminaire luminous flux	1567 lm
Luminaire luminous efficiency	72,9 lm/W

24 814 K4

Module designation	LED-0586/840
Colour temperature	4000 K
Colour rendering index	$R_a > 80$
Module luminous flux	2500 lm
Luminaire luminous flux	1567 lm
Luminaire luminous efficiency	72,9 lm/W

Light distributionwww.bega.com**Lifetime of the LED**

Ambient temperature $t_a = 15\text{ °C}$
– at 50,000h: L 80 B 10
– at 169,000h: L 70 B 50

Ambient temperature $t_a = 25\text{ °C}$
– at 50,000h: L 80 B 50
– at 96,000h: L 70 B 50

max. ambient temperature $t_a = 35\text{ °C}$
– at 50,000h: L 70 B 50
– at 56,000h: L 70 B 50

Article No. 24 814

LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number
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.

10 527 Power supply unit dimmable 1-10 V

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.