

Project · Reference number


Date

Application

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

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass with optical structure
Silicone gasket
Reflector surface finish pure aluminium
Required recessed opening 105 x 105 mm
Recessed depth 70 mm
Connecting terminals 2.5[□]
LED power supply unit in external housing
2 cable entries with compression nipples for through-wiring of the mains supply cable up to ø 10,5 mm max. 3 x 1.5[□]

220-240 V  0/50-60 HzSafety class II 

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

Light technique

Half beam angle 40°.

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.

Lamp

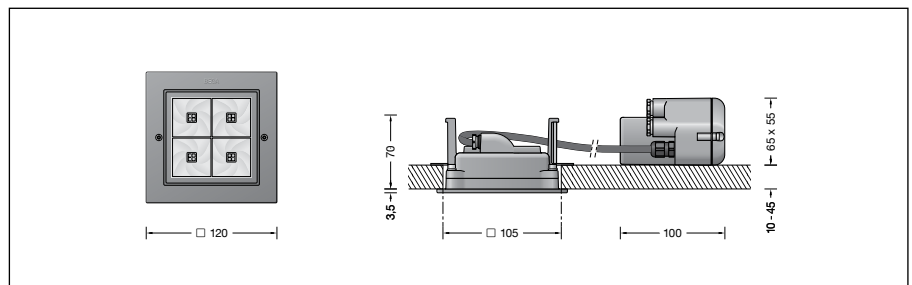
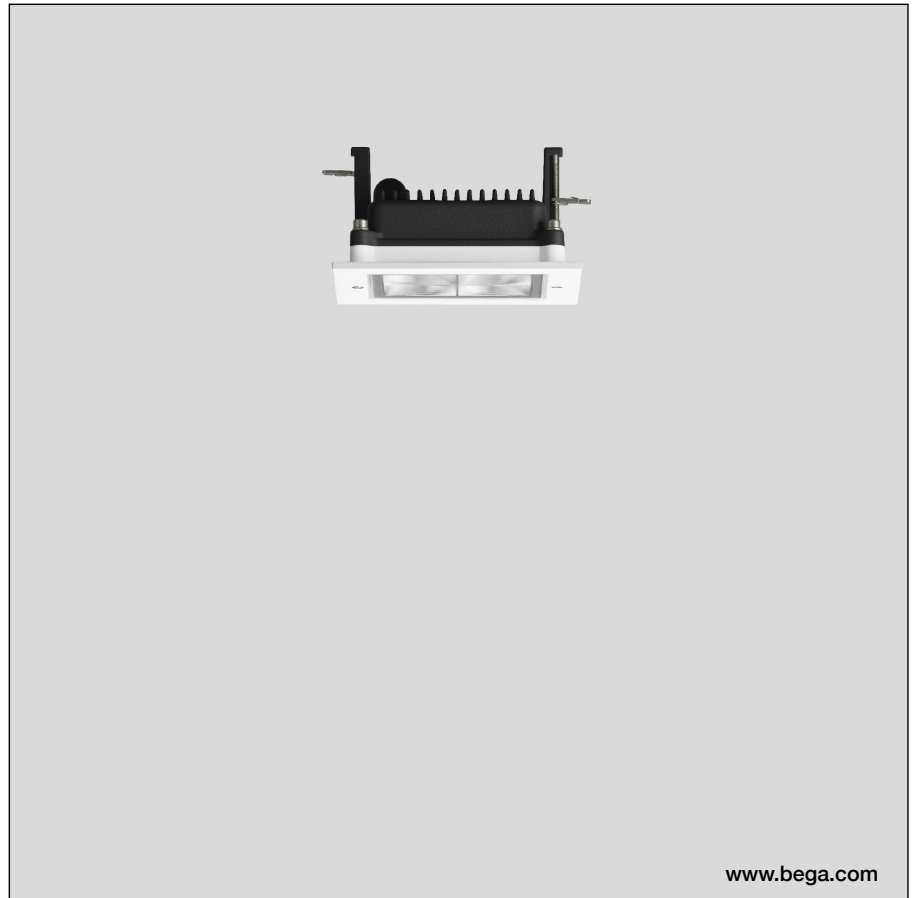
Module connected wattage	8.4 W
Luminaire connected wattage	10.4 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 35\text{ °C}$

24 805

Module designation	LED-0588/830
Colour temperature	3000 K
Colour rendering index	$R_a > 80$
Module luminous flux	1160 lm
Luminaire luminous flux	813 lm
Luminaire luminous efficiency	78,2 lm/W

24 805 K4

Module designation	LED-0588/840
Colour temperature	4000 K
Colour rendering index	$R_a > 80$
Module luminous flux	1160 lm
Luminaire luminous flux	813 lm
Luminaire luminous efficiency	78,2 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15\text{ °C}$
 – at 50,000h: L90B10
 – at > 500,000h: L70B50

Ambient temperature $t_a = 25\text{ °C}$
 – at 50,000h: L90B10
 – at 340,000h: L70B50

max. ambient temperature $t_a = 35\text{ °C}$
 – at 50,000h: L80B10
 – at 183,000h: L70B50

Inrush currentInrush current: 27 A / 250 μ s

Maximum number of luminaires of this type per miniature circuit breaker:

B10A:	17 luminaires
B16A:	27 luminaires
C10A:	28 luminaires
C16A:	45 luminaires

Article No. 24 805

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

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

Accessories**13 500** Installation housing

A separate instructions for use can be provided upon request.