

Project · Reference number

Date

Application

Recessed LED location luminaire for installation in walls or stairs.

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

White safety glass

Silicone gasket

Fixing is achieved by using two adjustable wedge-shaped claws

Required recessed opening 245 x 60 mm

Recessed depth 70 mm

2 cable entries for through-wiring of mains supply cable \varnothing 7 - 10,5 mm,

max. 3 G 1.5[□]

Connecting terminal 2.5[□]

Earth conductor connection

LED power supply unit

220-240 V \sim 0/50-60 Hz

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

CE – Conformity mark

Weight: 0.8 kg

Inrush current

Inrush current: 27 A / 250 μ s

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

B 10A: 17 luminaires

B 16A: 27 luminaires

C 10A: 28 luminaires

C 16A: 45 luminaires

Lamp

Module connected wattage 2.7 W

Luminaire connected wattage 4.5 W

Rated temperature $t_a = 25^\circ\text{C}$

Ambient temperature $t_{a\text{max}} = 40^\circ\text{C}$

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Module designation LED-0642/830

Colour temperature 3000 K

Colour rendering index $R_a > 80$

Module luminous flux 405 lm

Luminaire luminous flux 239 lm

Luminaire luminous efficiency 53,1 lm/W

33 163 K4

Module designation LED-0642/840

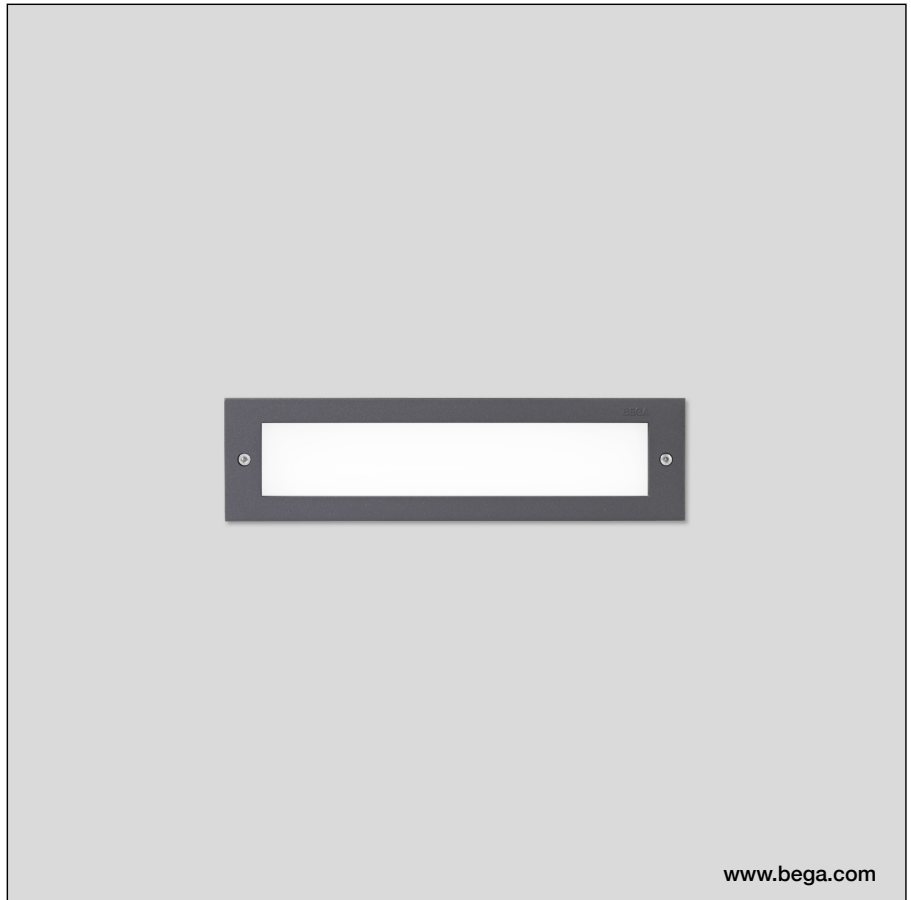
Colour temperature 4000 K

Colour rendering index $R_a > 80$

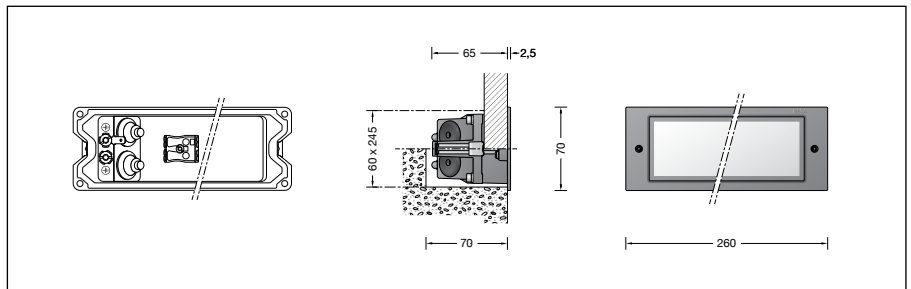
Module luminous flux 445 lm

Luminaire luminous flux 262 lm

Luminaire luminous efficiency 58,2 lm/W



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Lifetime of the LED

Ambient temperature $t_a = 15^\circ\text{C}$

– at 50,000h: L70B10

– at 120,000h: L70B50

Ambient temperature $t_a = 25^\circ\text{C}$

– at 50,000h: L80B50

– at 98,000h: L70B50

max. ambient temperature $t_a = 40^\circ\text{C}$

– at 50,000h: L80B50

– at 78,000h: L70B50

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Colour temperature 3000 K.

Also available with 4000 K on request.

3000 K – article number

4000 K – article number + **K4**

Colour graphite or silver

graphite – article number

silver – article number + **A**

Accessories

10 425 Installation housing

10 025 Plaster frame

A separate instructions for use can be provided upon request.

Light distribution

