

Project · Reference number

Date

Product data sheet**Application**

LED ceiling and wall luminaire with free-radiating and uniform light distribution. By arraying single luminaires in line light bands of different length can be arranged. A luminaire for linear illumination in interior and exterior application.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Safety glass, white
 Silicone gasket
 Mounting bar with 2 elongated holes
 7 mm width, 320 mm spacing
 2 screw cable glands with strain relief for through-wiring of the mains supply cable from \varnothing 7,5-12,5 mm, max. $5 \times 1,5^{\square}$
 1 screw cable gland closed at the factory with a dummy plug
 Connecting terminal 2.5^{\square} with plug connection
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-264 V
 DALI controllable
 A basic isolation exists between power cable and control line
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK05
 Protection against mechanical impacts < 0.7 joule
CE – Conformity mark
 Weight: 2.9 kg

Lamp

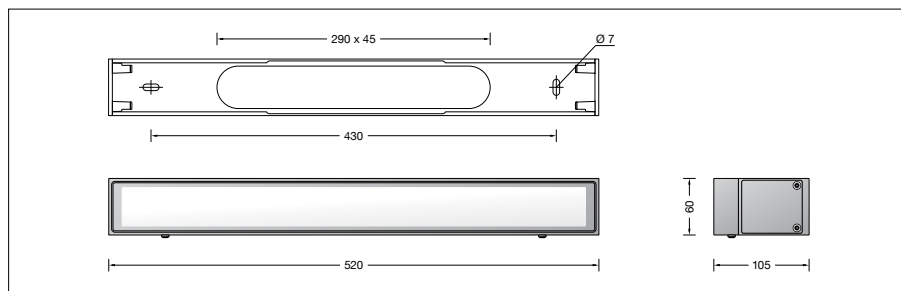
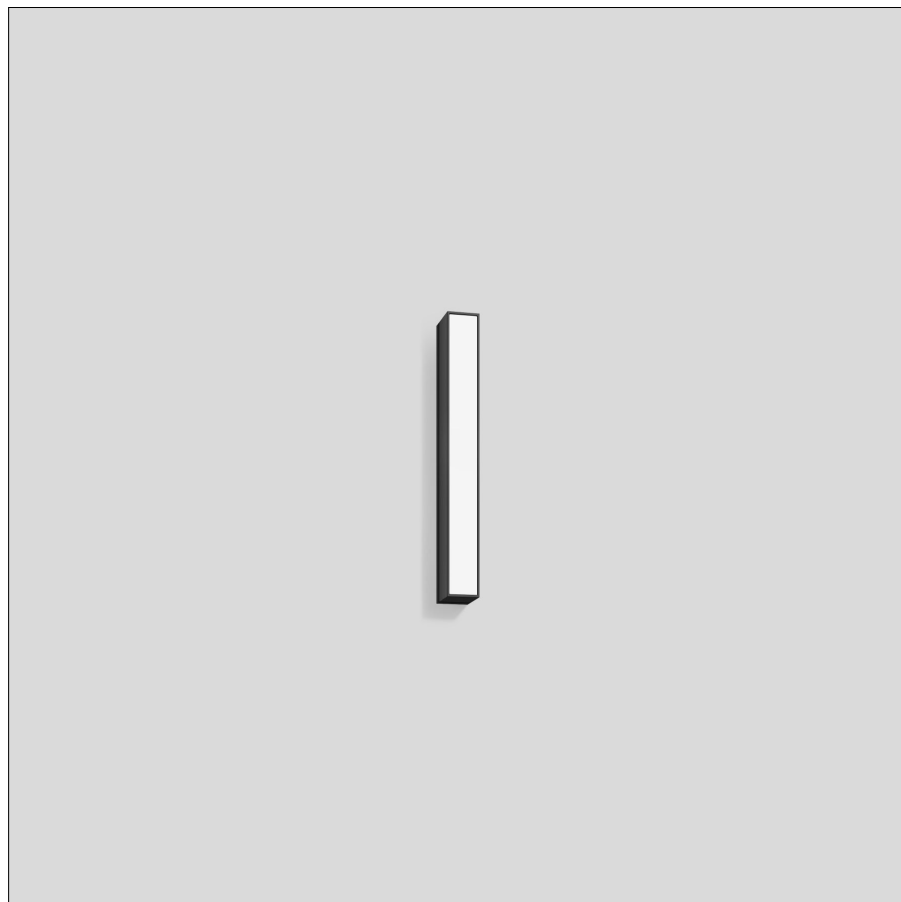
Module connected wattage	15.8 W
Luminaire connected wattage	18.3 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 55^{\circ}\text{C}$

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Module designation	LED-0772/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2850 lm
Luminaire luminous flux	1059 lm
Luminaire luminous efficiency	57,9 lm/W

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Module designation	LED-0772/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2930 lm
Luminaire luminous flux	1088 lm
Luminaire luminous efficiency	59,5 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25^{\circ}\text{C}$
 LED psu: > 50,000h
 LED module: > 200,000h (L80 B50)
 100,000h (L90 B50)

Ambient temperature $t_{a\text{max}} = 55^{\circ}\text{C}$ (100 %)
 LED psu: 50,000h
 LED module: 72,000h (L80 B50)
 100,000h (L70 B50)

Light technique

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.

Inrush current

Inrush current: 5 A / 100 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 42 luminaires
 B 16A: 68 luminaires
 C 10A: 42 luminaires
 C 16A: 68 luminaires

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

Light distribution