

BEGA**24 318**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

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
BEGA Unidure® coating technology
Safety glass, white
Silicone gasket
Mounting bar with 2 elongated holes
7 mm width, 433 mm spacing
2 screw cable glands with strain relief for through-wiring of the mains supply cable from \varnothing 7,5-10,8 mm, max. 5 G 1,5²
1 screw cable gland closed at the factory with a dummy plug
Connecting terminal 2.5²
with plug connection
Earth conductor connection
BEGA Ultimate Driver®
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
BEGA Thermal Control®
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK05
Protection against mechanical impacts < 0.7 joule
 – Safety mark
CE – Conformity mark
Weight: 2.9 kg

Lamp

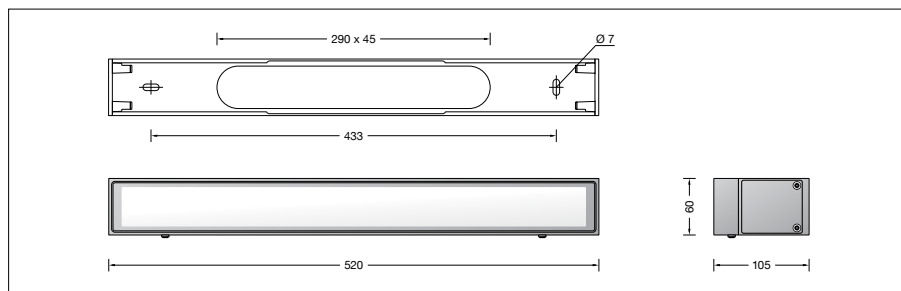
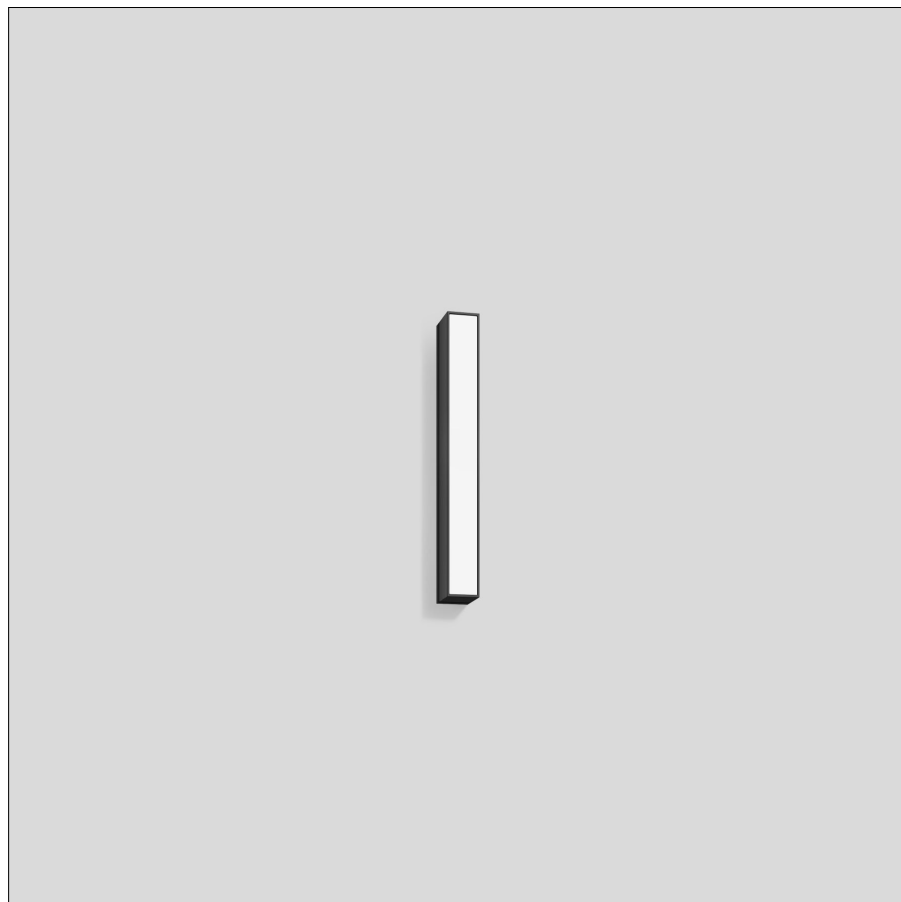
Module connected wattage	15.8 W
Luminaire connected wattage	18.3 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 55\text{ °C}$

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Module designation	LED-0772/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2950 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	3030 lm
Luminaire luminous flux	1088 lm
Luminaire luminous efficiency	59,5 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	LED psu: > 50,000 h
LED psu:	> 200,000 h (L 80 B 50)
LED module:	> 100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{ max}} = 55\text{ °C}$ (100 %)	LED psu: 50,000 h
LED psu:	72,000 h (L 80 B 50)
LED module:	100,000 h (L 70 B 50)

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

B 10 A:	42 luminaires
B 16 A:	68 luminaires
C 10 A:	42 luminaires
C 16 A:	68 luminaires

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

Light distribution

