

BEGA**24 312**

Ceiling mounted downlight

IP 65

Project · Reference number

Date

Product data sheet**Application**

LED ceiling-mounted downlight with symmetrical wide beam light distribution. Bands of light of different lengths can be created by installing single luminaires in rows. A luminaire for linear illumination both indoors and out.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Matt safety glass
Silicone gasket
Reflector surface made of pure aluminium
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 7,5-12,5 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
Ballproof according to DIN VDE 0710
part 13
Impact strength IK07
Protection against mechanical
impacts < 2 joule
CE – Conformity mark
Weight: 2.9 kg

Lamp

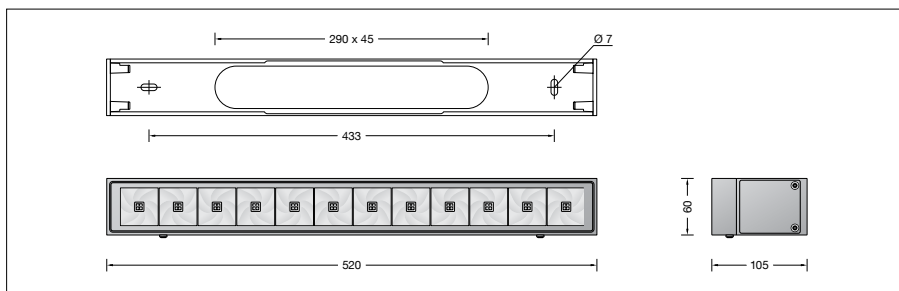
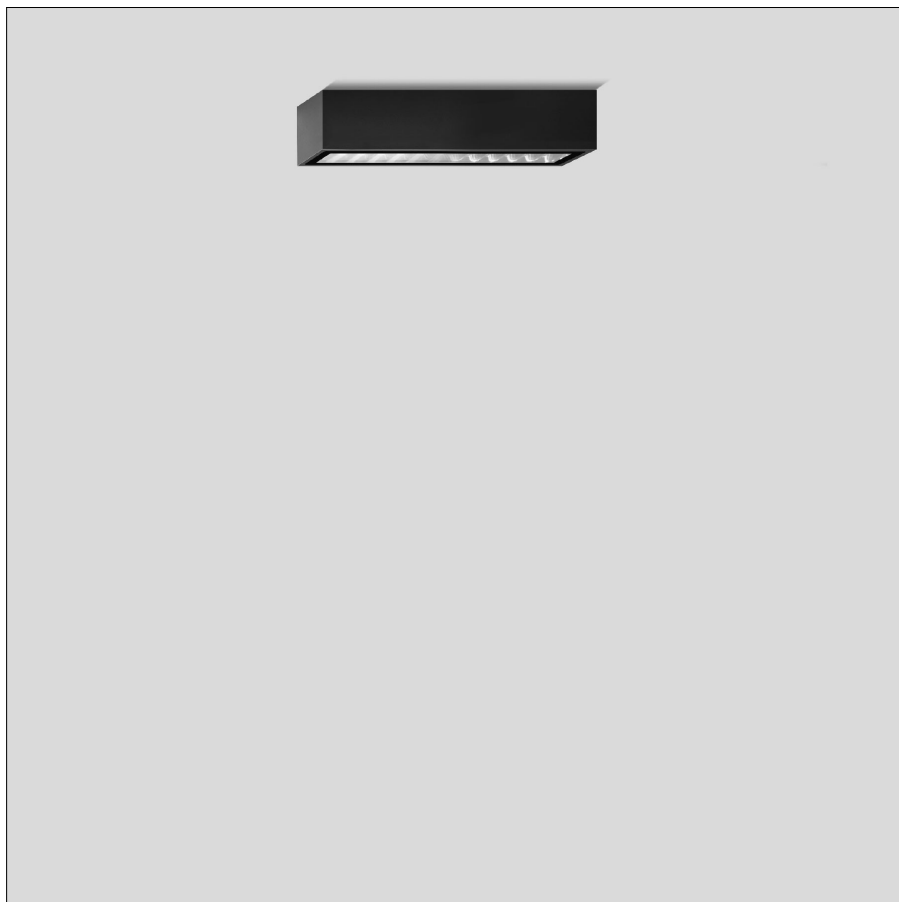
Module connected wattage	15.8 W
Luminaire connected wattage	18.3 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a, \text{max}} = 55^{\circ}\text{C}$

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Module designation	LED-0771/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2850 lm
Luminaire luminous flux	2191 lm
Luminaire luminous efficiency	119,7 lm/W

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Module designation	LED-0771/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2930 lm
Luminaire luminous flux	2261 lm
Luminaire luminous efficiency	123,6 lm/W

**Service life of the LED**

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at > 500,000h: L70B50

max. ambient temperature $t_a = 55^{\circ}\text{C}$
– at 116,000h: L70B50

Lighting technology

Half beam angle 55°
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.

Inrush current

Inrush current: 5 A / 100 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 42 luminaires
B16A: 68 luminaires
C10A: 42 luminaires
C16A: 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