

BEGA**24 313**

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, 925 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 176-276 V
 During DC operation the LED power is reduced to 15 %
 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: 6.2 kg

Lamp

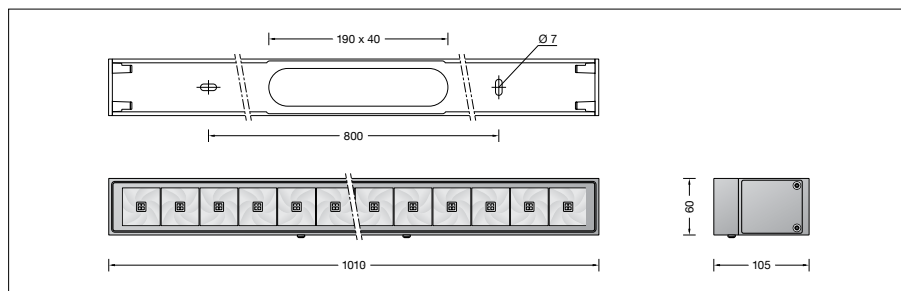
Module connected wattage	31.6 W
Luminaire connected wattage	35.6 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 50^{\circ}\text{C}$

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Module designation	LED-0771/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	5700 lm
Luminaire luminous flux	4383 lm
Luminaire luminous efficiency	123,1 lm/W

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Module designation	LED-0771/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	5860 lm
Luminaire luminous flux	4522 lm
Luminaire luminous efficiency	127 lm/W

**Service life of the LED**

Ambient temperature $t_a = 25^{\circ}\text{C}$
 – at 286,000h: L70B50

max. ambient temperature $t_a = 50^{\circ}\text{C}$
 – at 67,000h: 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: 32 A / 100 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 18 luminaires
 B16A: 30 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