

ProLED-1X-SLIM



2,5-5 cm

3D letters, lightboxes



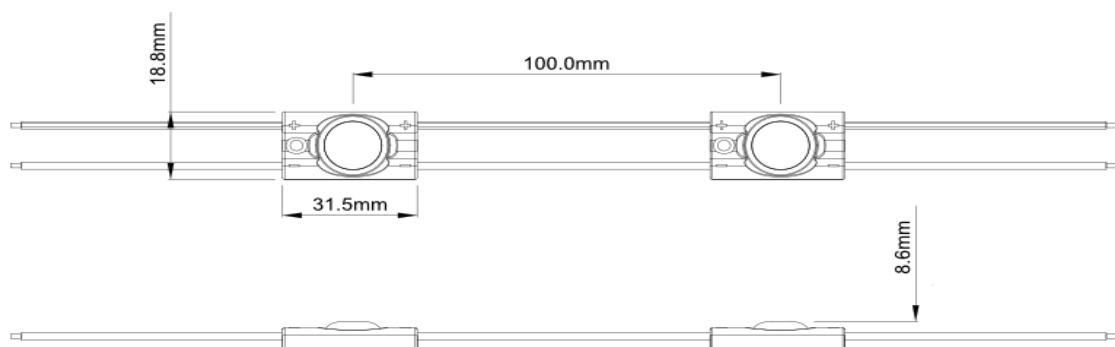
UK
CA
CE



- luminous efficacy 153 lm/W
- energy-efficient
- for indoor and outdoor use

- 20 pcs in chain
- patent ultra-thin lens and module thin-technology system solution design

DIMENSIONS



ProLED-1X-SLIM



TECHNICAL SPECIFICATION

Parameter	Value
Rated voltage	12 V DC
Power consumption per module	0,36 W
Chain power consumption	7,2 W
Current consumption per module	30 mA
LED diodes	LumiLEDs - 2835
Quantity of LEDs	1
Light color	X = WW - warm white (3000K) X = NW - neutral white (4000K) X = W - white (6500K) X = CW - cold white (10000K)
Flux	55 lm
Flux density	153 lm/W
Color rendering index CRI	≥80 (on request ≥90, ≥95)
Beam angle	165°
Current stabilization	No
Dimming	Yes
Module dimensions (L × W × H)	31 × 19 × 8 mm
Cable length	68,5 mm
Number of modules in 1 m	10
Box weight	18 kg
Montage	Adhesive tape / mounting screw
Lifetime	L70B50 > 50000h
Working temperature	-25°C ... +60°C
IP protection	IP66
Warranty	5 years

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CONNECTION DIAGRAM

One-side power input



Maximum number of modules 20 pcs

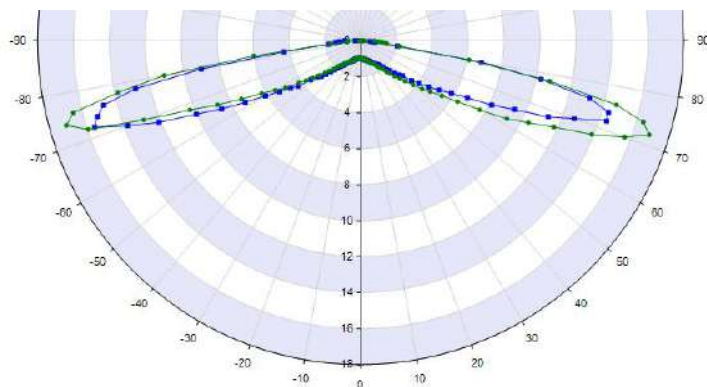
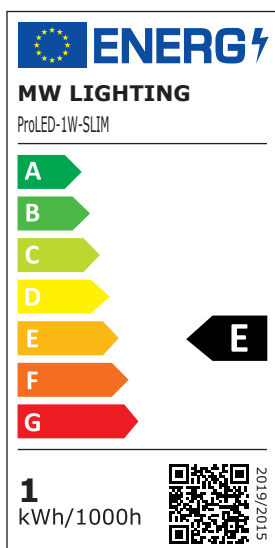
Two-side power input



Maximum number of modules 40 pcs

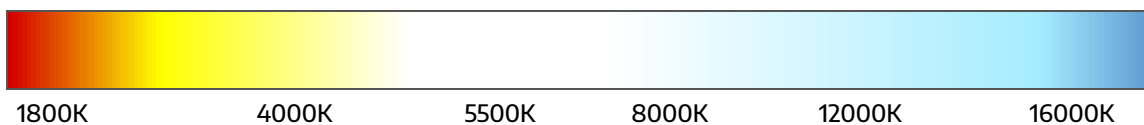
It is acceptable to connect multiple chains in parallel, as long as the power supply provides sufficient power.

ENERGY LABEL / BEAM ANGLE



LIGHT COLOR / CCT

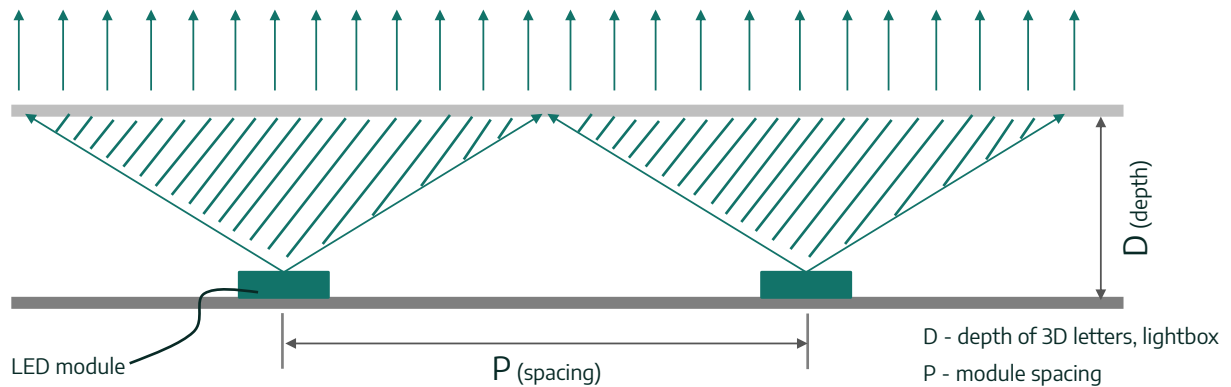
Abbreviation	Light color	CCT
WW	warm white	~3000K
NW	neutral white	~4000K
W	white	~6500K
CW	cold white	~10000K



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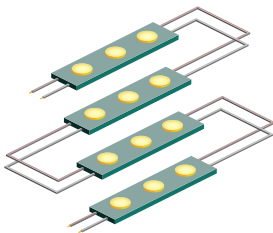


APPLICATION

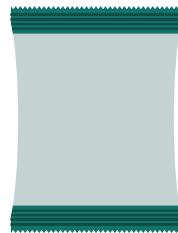


$$\text{optical performance proportion} = \frac{D}{P} = 1:2.5$$

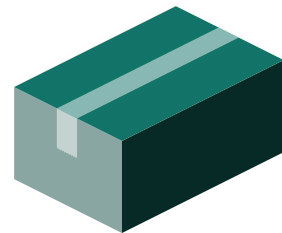
PACKING



Chain
20 pcs



Bag
100 pcs



Box
2800 pcs

OTHER NOTES

The 3M tape placed on the device is only used to pre-attach and position the LED modules. Use your own glue or mounting screw to securely and permanently attach the item to the surface.