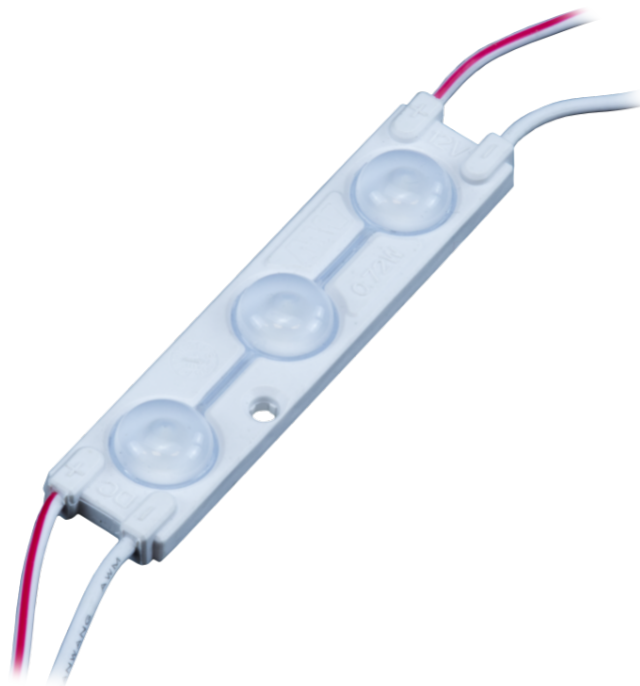


MW-MLD-2835-3X-LENS



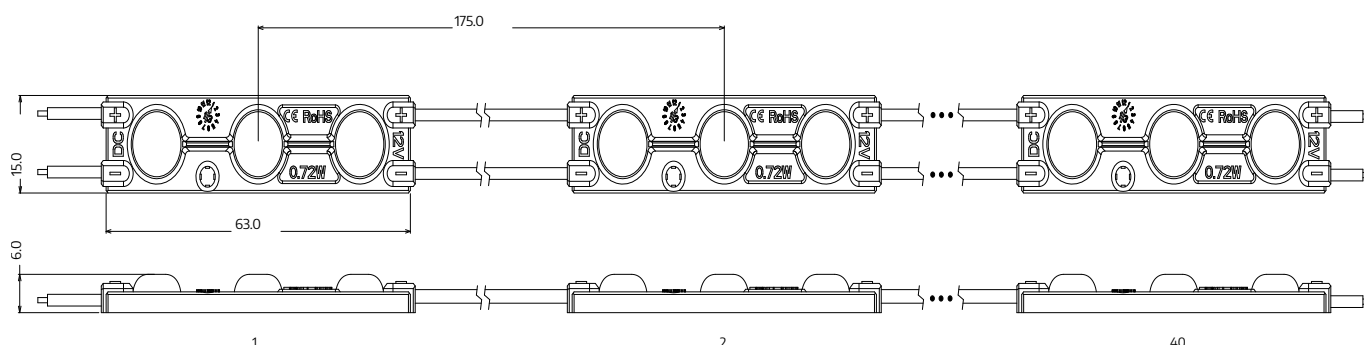
8-20 cm

3D letters, lightboxes



- luminous efficacy 84 lm/W
- for indoor and outdoor use
- 40 pcs in chain

DIMENSIONS



MW-MLD-2835-3X-LENS



TECHNICAL SPECIFICATION

Parameter	Value
Rated voltage	12 V DC
Power consumption per module	0,72 W
Chain power consumption	28,8 W
Current consumption per module	60 mA
LED diodes	San'an led - 2835
Quantity of LEDs	3
Light color	X = WW - warm white (3000K) X = NW - neutral white (4000K) X = W - white (6500K) X = CW - cold white (12000K) X = R - red (620nm) X = G - green (520nm) X = B - blue (460nm) X = Y - yellow (590nm)
Flux	60 lm (W, WW, NW, CW)
Flux density	84 lm/W
Color rendering index CRI	≥80 (on request ≥90, ≥95)
Beam angle	160°
Current stabilization	Yes
Dimming	Yes
Module dimensions (L × W × H)	63 × 15 × 6 mm
Cable length	112 mm
Number of modules in 1 m	5,7
Box weight	21 kg
Montage	Adhesive tape / mounting screw
Lifetime	L70B50 > 50000h
Working temperature	-25°C ... +55°C
IP protection	IP67
Warranty	5 years

MW-MLD-2835-3X-LENS



CONNECTION DIAGRAM

One-side power input



Maximum number of modules 40 pcs

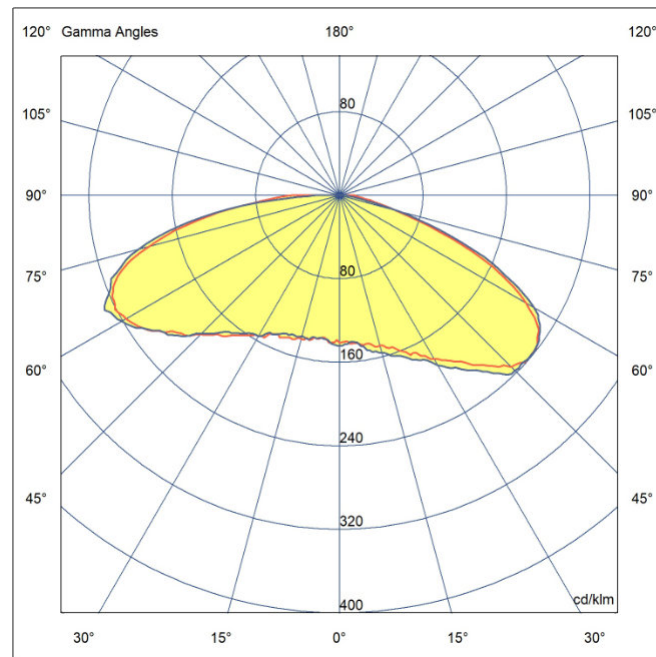
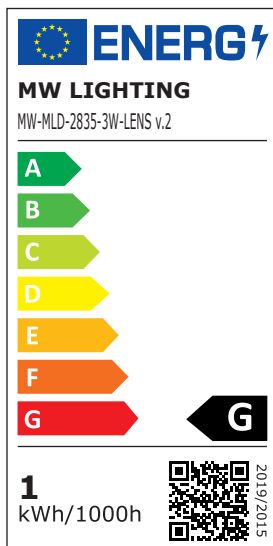
Two-side power input



Maximum number of modules 80 pcs

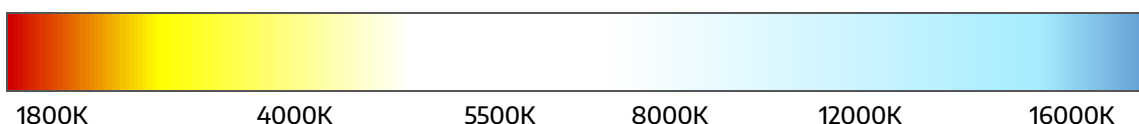
It is acceptable to connect multiple chains in parallel, as long as the power supply provides sufficient power.

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	~12000K



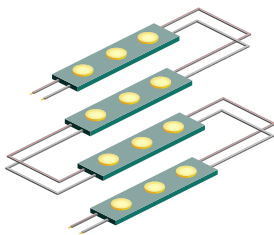
MW-MLD-2835-3X-LENS



TABLE OF SELECTION OF MODULES TO DEPTH OF CASSETTE

Depth	Light intensity	Distance between the centres of the modules	Distance between rows	Pieces / m ²	Power / m ²
80 mm	5500-5800 lx	100 mm	80 mm	120 pcs	86 W/m ²
90 mm	4200-4500 lx	110 mm	90 mm	90 pcs	65 W/m ²
100 mm	3900-4200 lx	120 mm	100 mm	72 pcs	52 W/m ²
110 mm	3400-3600 lx	120 mm	110 mm	64 pcs	46 W/m ²
120 mm	3300-3500 lx	130 mm	120 mm	64 pcs	46 W/m ²
150 mm	1800-2000 lx	160 mm	150 mm	36 pcs	26 W/m ²
180 mm	1600-1800 lx	170 mm	180 mm	36 pcs	26 W/m ²
200 mm	1300-1400 lx	200 mm	200 mm	25 pcs	18 W/m ²
250 mm	800-1000 lx	250 mm	250 mm	16 pcs	12 W/m ²

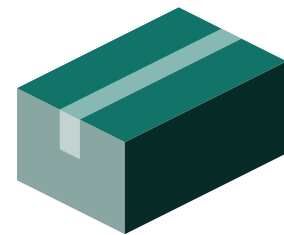
PACKING



Chain
40 pcs



Bag
160 pcs



Box
2560 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.