



MW-MLD-2835-3WW-LENS-V.2

Professional Led Modules; **8-20cm** 3D letters, lightboxes



■ Features:

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



UK
CA

CE

TECHNICAL DETAILS



MODEL	MW-MLD-2835-3WW-LENS-V.2
Supply voltage	12V DC
Power consumption per module	0.72W
Chain power consumption	28.8W
Current consumption per module	60mA
LED diodes	San`an led - 2835
Quantity of LEDs	3
Light color	Warm White (~3000K)
Luminous flux	60lm (W)
Luminous flux density	84lm (W)
Color rendering index - CRI	≥80
Beam angle	160°
Current stabilization	Yes
Dimming	Yes
Module dimensions (L x W x H)	63 x 15 x 6mm
Cable length	112mm
Number of modules in 1m	5.7
Box weight	21kg
Packing	Chain – 40pcs / Bag – 160pcs / Box – 2560pcs
Montage	Adhesive tape / mounting screw
Lifetime	L70B50 > 50000h
Working temperature	-25°C ÷ 55°C
IP protection	IP67
Warranty	5 years

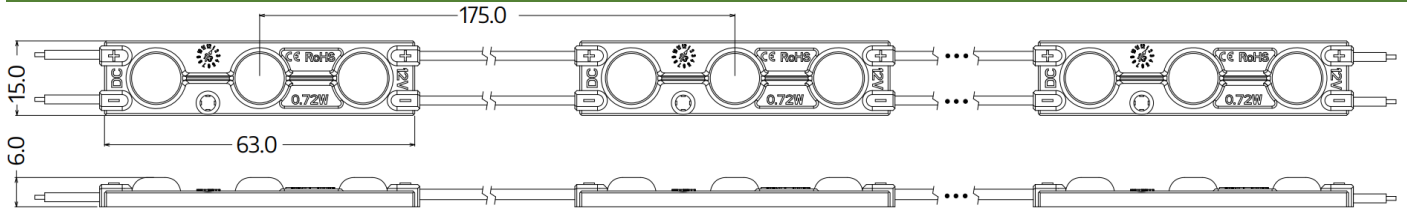


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Dimensions



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

Light color / CCT

Light color Warm White (~3000K)

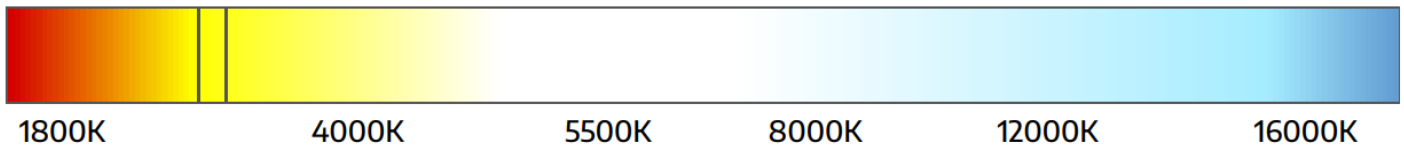


Table of selection of modules to depth of cassette

Depth	Light intensity	Distance between the centres of the modules	Distance between rows	Pieces / m2	Power / m2
80mm	5500-5800 lx	100mm	80mm	120 pcs	86W/m ²
90mm	4200-4500 lx	110mm	90mm	90 pcs	65W/m ²
100mm	3900-4200 lx	120mm	100mm	72 pcs	52W/m ²
110mm	3400-3600 lx	120mm	110mm	64 pcs	46W/m ²
120mm	3300-3500 lx	130mm	120mm	64 pcs	46W/m ²
150mm	1800-2000 lx	160mm	150mm	36 pcs	26W/m ²
180mm	1600-1800 lx	170mm	180mm	36 pcs	26W/m ²
200mm	1300-1400 lx	200mm	200mm	25 pcs	18W/m ²
250mm	800-1000 lx	250mm	250mm	16 pcs	12W/m ²

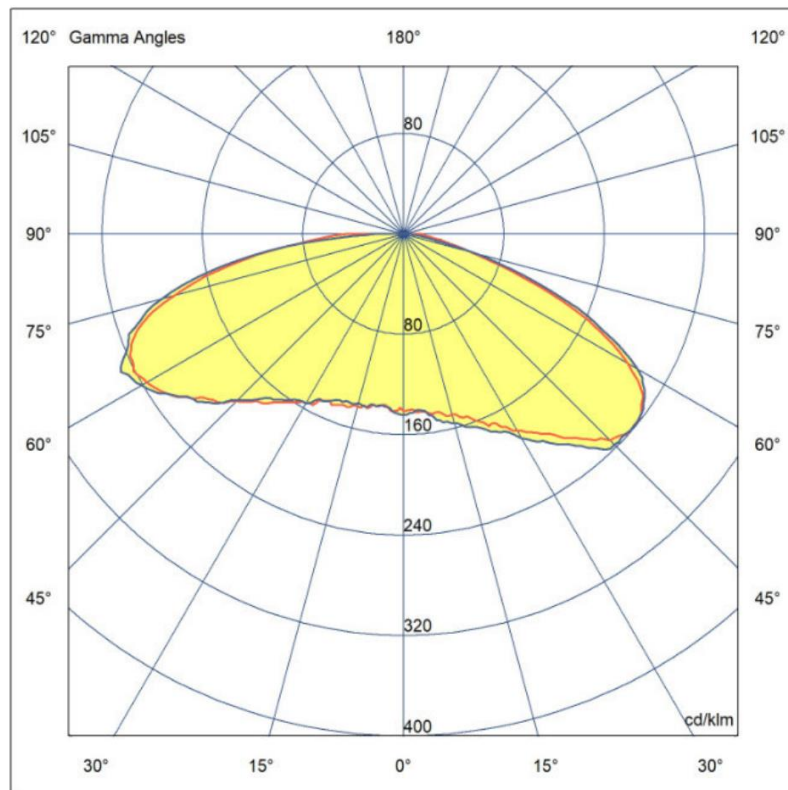


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Beam angle



Energy label

The energy label features the EU Energy Label logo at the top, followed by the brand name 'MW LIGHTING' and the model 'MW-MLD-2835-3WW-LENS v.2'. Below this is a vertical scale of energy efficiency classes from A (green) to G (red), with G being the selected class. At the bottom left, the energy consumption is listed as '1 kWh/1000h'. A QR code is located at the bottom right, with the date '2019/2015' printed vertically next to it.