



MW-MLD-2835-3W-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-2835-3W-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 | White (~6500K) |
| 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 |

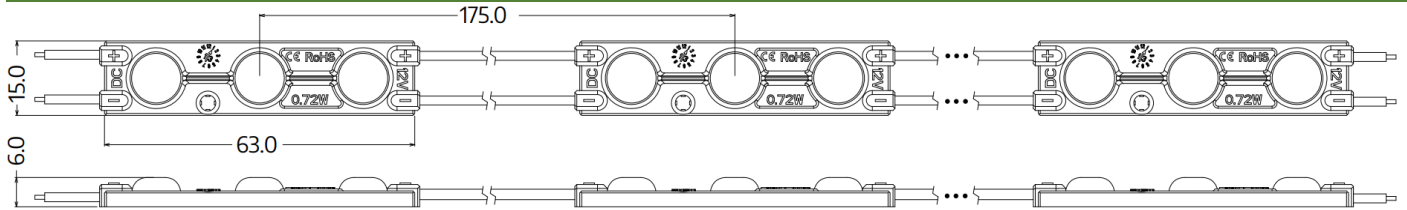


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Dimensions



Connection diagram

One-side power input:



Two-side power input:



Maximum number of modules 40 pcs

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

White (~6500K)

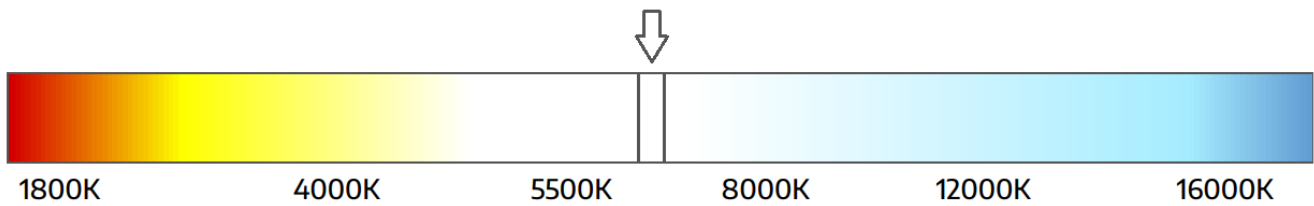


Table of selection of modules to depth of cassette

| 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 |

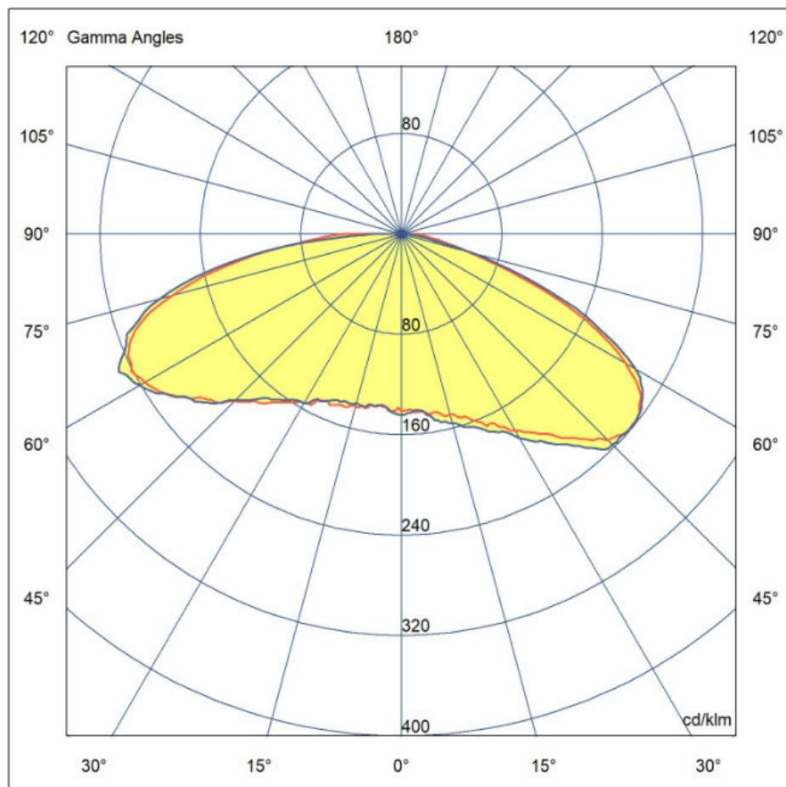


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Beam angle



Energy label

The energy label features the European Union flag and the ENERGY logo. It identifies the product as MW LIGHTING MW-MLD-2835-3W-LENS v.2. The energy efficiency class is G, indicated by a black arrow pointing left. The energy consumption is 1 kWh/1000h. A QR code and the date 2019/2015 are also present.

| Energy Efficiency Class | Energy Consumption (kWh/1000h) |
|-------------------------|--------------------------------|
| A | |
| B | |
| C | |
| D | |
| E | |
| F | |
| G | 1 |