



TMT LEDs USA LLC
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Datasheet
Game Changer
TDS-Midi 4

Applications
Channel Letters
Lightboxes Cabinets
Cove Lighting

IP 67
PROTECTION

MADE IN
EUROPE

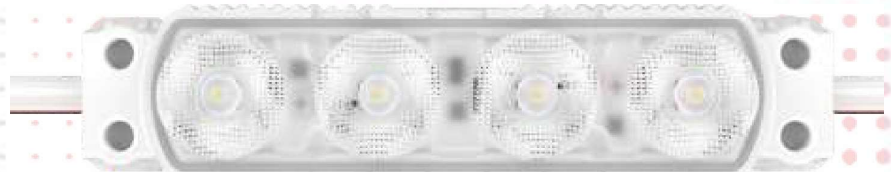
10 YEAR
PRODUCT WARRANTY

5 YEAR
LABOR WARRANTY

UL
E491014

CE

Midi 4 LED Module



The all new, revolutionary TMT Game Changer Platinum Midi 4 module has efficiency at the center of its design. The CrystaLens optics provide a 170° viewing angle that dramatically reduces the number of modules required to provide bright, even illumination without hotspots. The incredibly efficient circuit design at the core of this powerful module outperforms every other module in the industry. Three times fewer modules delivers the same amount of brightness while reducing the power need by 30% making it the perfect product for large channel letters, sign cabinets and retrofitting existing fluorescent lighting.

Features

- Best optical light dispersion in the industry
- Unbeatable 240 – 320 lumens per module
- Perfect for large channel letters and sign cabinets when installed 3" - 10" from the face
- Cable Hiding Technology (Patent Pending)
- Efficient Circuit Design (Patent Pending)
- Clean White Technology
- Snap-in compatible to TMT LEDs aluminum Midi Stick (Patent Pending)
- Available in 12 and 24 volt formats
- Up to 155 lumens per watt

Applications

- Ideal for large channel letters with depths of 3" – 6"
- Perfect for sign cabinets with installation depths of 2" to 10" from sign face



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Operating Temperature	-40°F ~ +140°F	Lead Wire	Tin Coated Copper Wire
Storage Temperature	-40°F ~ +140°F	Lifetime TM21	>60.000 Hours
Body Material	Case: ABS Optics: Optical PC	Adhesive Tape	3M Foam
Finishing	Ultrasonic Welding	Strip Size	50 Modules/Strip

	12V / 24 DC	3 SDCM	170° BEAM ANGLE
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	Midi 4 12V	Midi 4 12V	Midi 4 24V
Power	1.7W	2W	2W
Modules per foot	1	1	1
Kelvin	6500K	6500K	6500K
Voltage	12V	12V	24V
Lumen	250	300	300
Lumen/W	155	150	150
60W Power Supply Loading	32	27	27
Order Code	105729	105919	105813

	Can Depth									
Density Guideline	1"	2"	3"	4"	5"	6"	7"	8"	9"	10+"
MIDI 4 24V	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal
MIDI 4 12V	Acceptable	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal

Packaging Details	Chain	Bag	Box
	50 pcs	100 pcs	1,000 pcs

Luminous flux tolerance ±10% - CCT tolerance ±8%

