



TMT Elektronik Sistemleri
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Datasheet Game Changer TDS-Midi 4

Applications
Channel Letters
Lightboxes Cabinets
Cove Lighting



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 7,5 cm - 25 cm 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 @ 2 Watt

Applications

- ✓ Ideal for large channel letters with depths of 7,5 cm to 20 cm
- ✓ Perfect for sign cabinets with installation depths of 5 cm to 25 cm from sign face
- ✓ Stroke is 3x the depth of sign.



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Operating Temperature	-30°C ~ +60°C	Lead Wire	Tin Coated Copper Wire
Storage Temperature	-30°C ~ +60°C	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

PRODUCT	MIDI4			MIDI4			MIDI4		
Power	1.7W			2.4 W			2W		
Current	70mA			100mA			83mA		
Modules Per Meter	4			4			4		
60w power Supply	31 Total / 25 Single			22.5Total / 22.5 Single			27 Total / 50 Single		
Input Voltage	12V			12V			24V		
Colors	Order Code	Lumen	Lm/W	Order Code	Lumen	Lm/W	Order Code	Lumen	Lm/W
6500 K	105729	250	155	105919	300	150	105813	300	150

Can Depth ■ Optimal ■ Acceptable

Density Guideline	1"	2"	3"	4"	5"	6"	7"	8"	9"	10+"
MIDI 4 24V	■	■	■	■	■	■	■	■	■	■
MIDI 4 12V	■	■	■	■	■	■	■	■	■	■

Packaging Details	Chain	Bag	Box
	50 pcs	100 pcs	1.000 pcs

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

