



Technical Datasheet

Midi 4 Gold 12V Back-lit Series

Date Created: 06.05.2024 Document No: DTS.902.001 Rev: 01

Overview

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

- ✓ 240-320 Lumens per module
- ✓ Cable Hiding Technology (Patent Pending)
- ✓ Efficient Circuit Design (Patent Pending)
- ✓ Clean White Technology
- ✓ Available in 12 and 24 volt formats
- ✓ Perfect for large channel letters and sign cabinets when installed 3" - 10" from the face
- ✓ Up to 155 lumens per watt

Applications

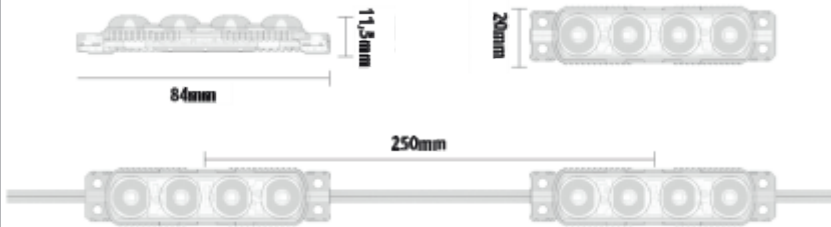
- ✓ Ideal for large channel leers with depths of 7,5 cm to 20 cm
- ✓ Perfect for sign cabinets with installaon depths of 5 cm to 25 cm from sign face
- ✓ Stroke is 3x the depth of sign.

Technical Specifications

Product Image



Technical Drawing



Beam Angle

Operating Temperature	-30°C ~ +60°C	Body Material	Case: ABS Optics: Optical PC	Lead Wire	Tin Coated Copper Wire	Adhesive Tape	3M Foam
Storage Temperature	-30°C ~ +60°C	Finishing	Ultrasonic Welding	Lifetime Tm21	>60.000 Hours	Strip Size	25 Modules / Strip

Product Model	1,4W	1,7W	2W	2,4W
Power	1,4 W	1,7 W	2 W	2,4 W
Input Voltage	12 V	12 V	12 V	12 V
Modules per Meter	4	4	4	4
60W Power Supply	35	30	25	20
Modules per Chain	25	25	25	25
Modules C2C Distance	250 mm	250 mm	250 mm	250 mm

Color	Order Code	Lm	Lm/W	Order Code	Lm	Lm/W	Order Code	Lm	Lm/W	Order Code	Lm	Lm/W
10.000K		230	164		270	159		300	150		150	150
6.500K		230	164		270	159		300	150	107063	150	150
3.000K		215	154		260	153		280	140	105734	140	140
RED		140	100		170	100		200	100			
GREEN		182	130		221	130		260	130			
BLUE		53	38		60	35		70	35			

CCT Tolerance +-7% - Lumen Values Tolerance Vary +-10% - Special Power Options are available Upon Request

Packaging Details

25pcs / Chain 50pcs / Bag 1000 pcs / Box