



TMT LEDs USA LLC
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Datasheet
Game Changer
TDS-TMT 1
(Tiny)
Application
Ideal for tiny
channel letters

IP 67
PROTECTION

MADE IN
EUROPE

★ ★ ★ ★ ★
10 YEAR
PRODUCT WARRANTY

★ ★ ★ ★ ★
5 YEAR
LABOR WARRANTY

c **UL** US
E491014

CE

TMT 1 (Tiny) Led Module



The TMT LEDs Silver Series Tiny LED module is designed for channel letter with a narrow stroke width. With its small footprint, the Tiny module fits in strokes as narrow as 0.5" with clear light dispersion.

It features the same CrystalLens optics and has a 170° x 130° wide viewing angle that expands its coverage evenly across the face requiring fewer modules per letter than other comparable products in the market.

Features

- Color options available
- 41 lumens per module
- Very small footprint 8.5 mm x 16 mm
- Good for narrow applications (as small as 12.5 mm)
- Up to 114 lumens per watt
- Ideal for 40 mm – 80 mm deep applications

Application

- Ideal for tiny channel letters
- Ideal for any application requiring small footprint



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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	100 Modules/Strip

Product Name	Order Code	Power	C2C	Lumens	Lm/W	Color
TMT Tiny 12V 0.36W 10.000K	TMT-101171	0.36W	2"	41	114Lm/W	10,000K
TMT Tiny 12V 0.36W 6.500K	TMT-101169	0.36W	2"	41	114Lm/W	6,500K
TMT Tiny 12V 0.36W 4.000K	TMT-101168	0.36W	2"	38	106Lm/W	4,000K
TMT Tiny 12V 0.36W 3.000K	TMT-101057	0.36W	2"	38	106Lm/W	3,000K
TMT Tiny 12V 0.36W RED	TMT-101170	0.36W	2"	11	31Lm/W	RED
TMT Tiny 12V 0.36W GREEN	TMT-102490	0.36W	2"	6	17Lm/W	GREEN
TMT Tiny 12V 0.36W BLUE	TMT-101172	0.36W	2"	15	42Lm/W	BLUE

Custom Color and Power Solutions
Can be manufactured upon request

Packaging Details				Chain	Bag	Box				
				100pcs	100pcs	6,000pcs				
Can Depth (cm)				Optimal						
				Acceptable						
Density Guideline	1"	2"	3"	4"	5"	6"	7"	8"	9"	10+"
TMT 1 (TINY)										

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

