



TMT LEDs USA LLC
Irving, Texas 75063 USA
info@tmtledsusa.com
usa.tmtleds.com

Datasheet
Game Changer
TDS-TMT 2
(Mini 2)

Application
Small and Medium
Channel Letter

IP 67
PROTECTION

MADE IN
EUROPE

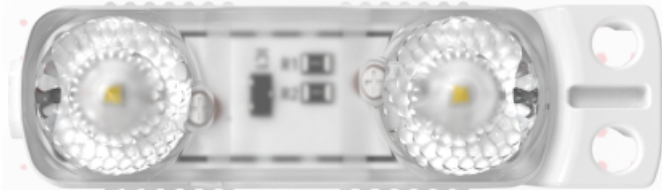
10 YEAR
PRODUCT WARRANTY

5 YEAR
LABOR WARRANTY

UL
E491014

CE

TMT 2 (Mini 2) Led Module



Don't let its small size fool you! The TMT LEDs Game Changer Mini Series module delivers a big punch! This powerful little module delivers up to 178 lumens per watt. The 0.6 watt module is 20% brighter than competing 0.8 watt duo LED modules, the 0.8 watt module is brighter than competing 1.2 watt modules, and the new 1 watt module sets a massive new standard, outshining competing high-power solutions, making it the best, brightest and most efficient channel letter lighting solution in the industry.

This revolutionary product line helps reduce your system cost and enables you to increase your quality threshold, delivering a better, brighter channel letter for your customers.

Features

- 47-165 lumens per module
- Innovative Cable Hiding Technology (patent pending)
- High efficiency circuit design
- Clean White Technology
- Up to 178 lumens per watt
- Small module footprint of 1.93" x 0.55"

Application

Ideal for 2" – 6" deep
channel letters and capsules





TMT LEDs USA LLC
Irving, Texas 75063 USA
info@tmtledsusa.com
usa.tmtleds.com

Datasheet
Game Changer
TDS-TMT 2
(Mini 2)
Application
Small and Medium
Channel Letter

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

Product Name	Order Code	Power	C2C	Lumens	Lm/W	Color
TMT Mini 2 12V 0.6W 6,500K	TMT-105712	0.6W	7"	107	178Lm/W	6,500K
TMT Mini 2 12V 0.8W 6,500K	TMT-105713	0.8W	7"	135	169Lm/W	6,500K
TMT Mini 2 12V 1W 3,000K	TMT-107652	1W	7"	155	155Lm/W	3,000K
TMT Mini 2 12V 1W 6,500K	TMT-107156	1W	7"	165	165Lm/W	6,500K
TMT Mini 2 12V 1W 8,000K	TMT-107573	1W	7"	165	165Lm/W	8,000K
TMT Mini 2 12V 1W 10,000K	TMT-106429	1W	7"	165	165Lm/W	10,000K
TMT Mini 2 12V 1W RED	TMT-107388	1W	7"	47	47Lm/W	RED
TMT Mini 2 12V 1W GREEN	TMT-107386	1W	7"	103	103Lm/W	GREEN
TMT Mini 2 12V 1W BLUE	TMT-107387	1W	7"	35	35Lm/W	BLUE
TMT Mini 2 12V 1W AMBER	TMT-107669	1W	7"	113	113Lm/W	AMBER
TMT Mini 2 24V 1W 6,500K	TMT-107670	1W	7"	165	165Lm/W	6,500K

Custom Color and Power Solutions
Can be manufactured upon request

Packaging Details

Chain

Bag

Box

50 pcs

100 pcs

1,000 pcs

Can Depth (cm)

Optimal

Acceptable

Density Guideline

1"

2"

3"

4"

5"

6"

7"

8"

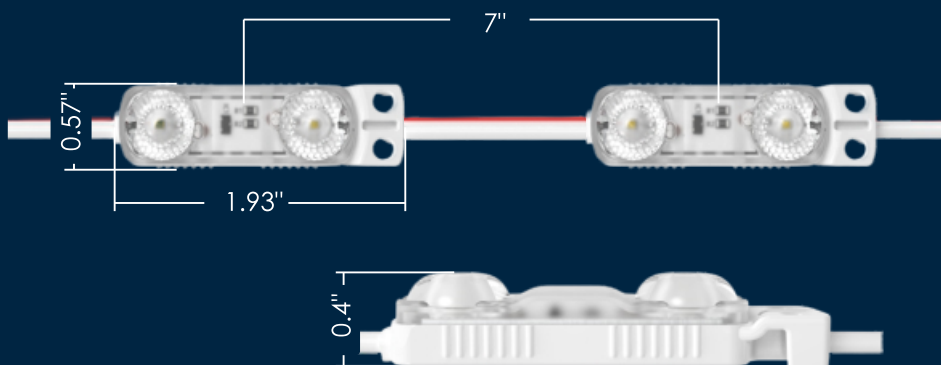
9"

10+"

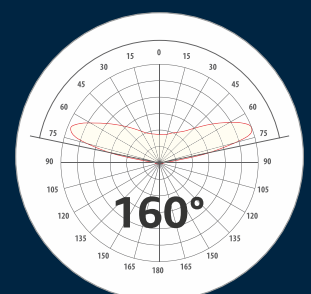
TMT 2 (MINI 2)



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



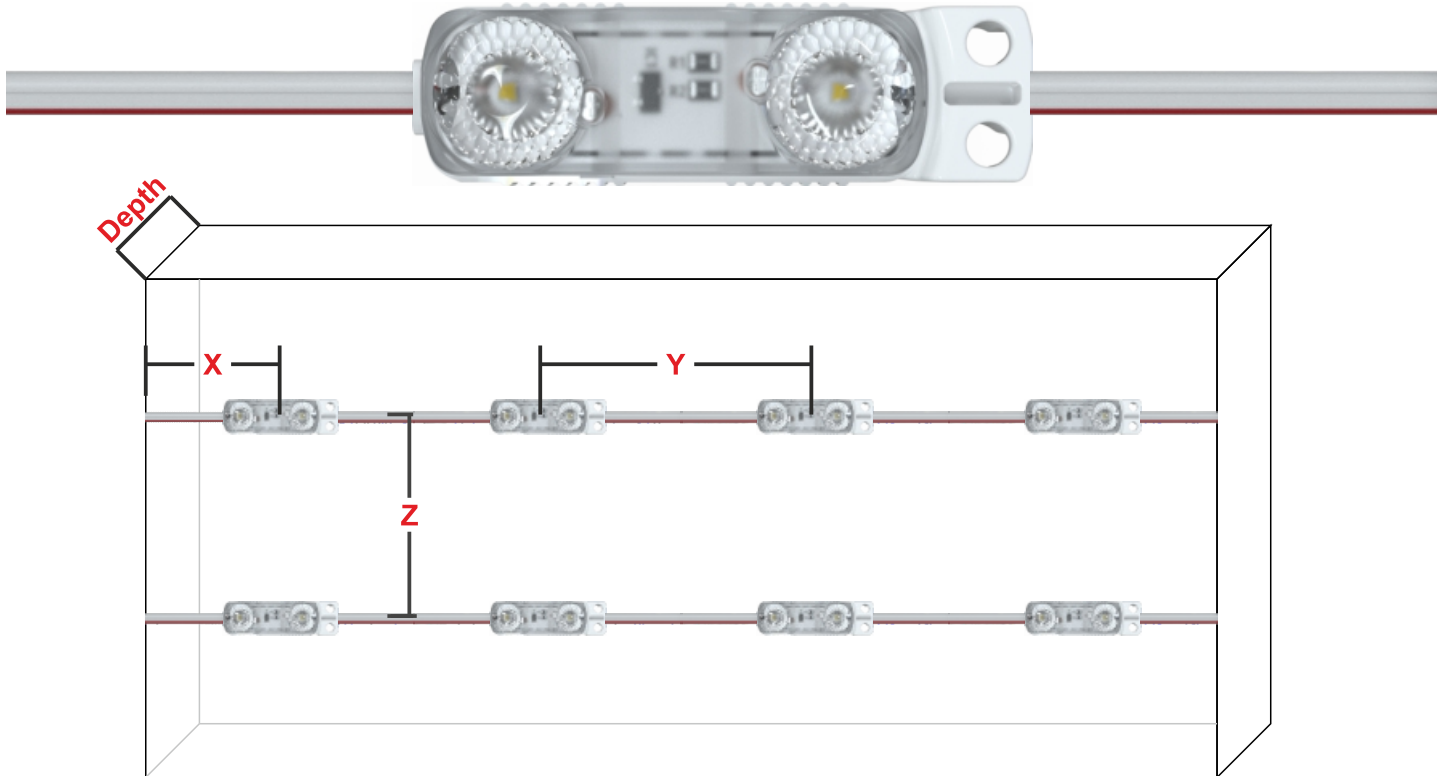
BEAM ANGLE





TMT LEDs USA LLC
 Irving, Texas 75063 USA
 info@tmtledsusa.com
 usa.tmtleds.com

Density Guide
Game Changer
TDS-TMT 2
(Mini 2)
Application
 Small and Medium
 Channel Letter



Explanations

x = Distance from the edges of the sign
 y = Center-to-center spacing between adjacent modules in a row
 z = Spacing between rows of modules

Optimal Brightness Option

	From Edges	C2C	Row Spacing
Depth	X	Y	Z
2"	1.5"	3"	3"
3"	2"	4.5"	4.5"
4"	3"	6"	6"
5"	4"	7.5"	7.5"
6"	4.5"	9"	9"
7"	5"	10.5"	10.5"
8"	6"	12"	12"