GE
Lighting Solutions

Tetra® miniMAX
LED Lighting System

Maximized **performance** in *small* channel letters

imagination at work

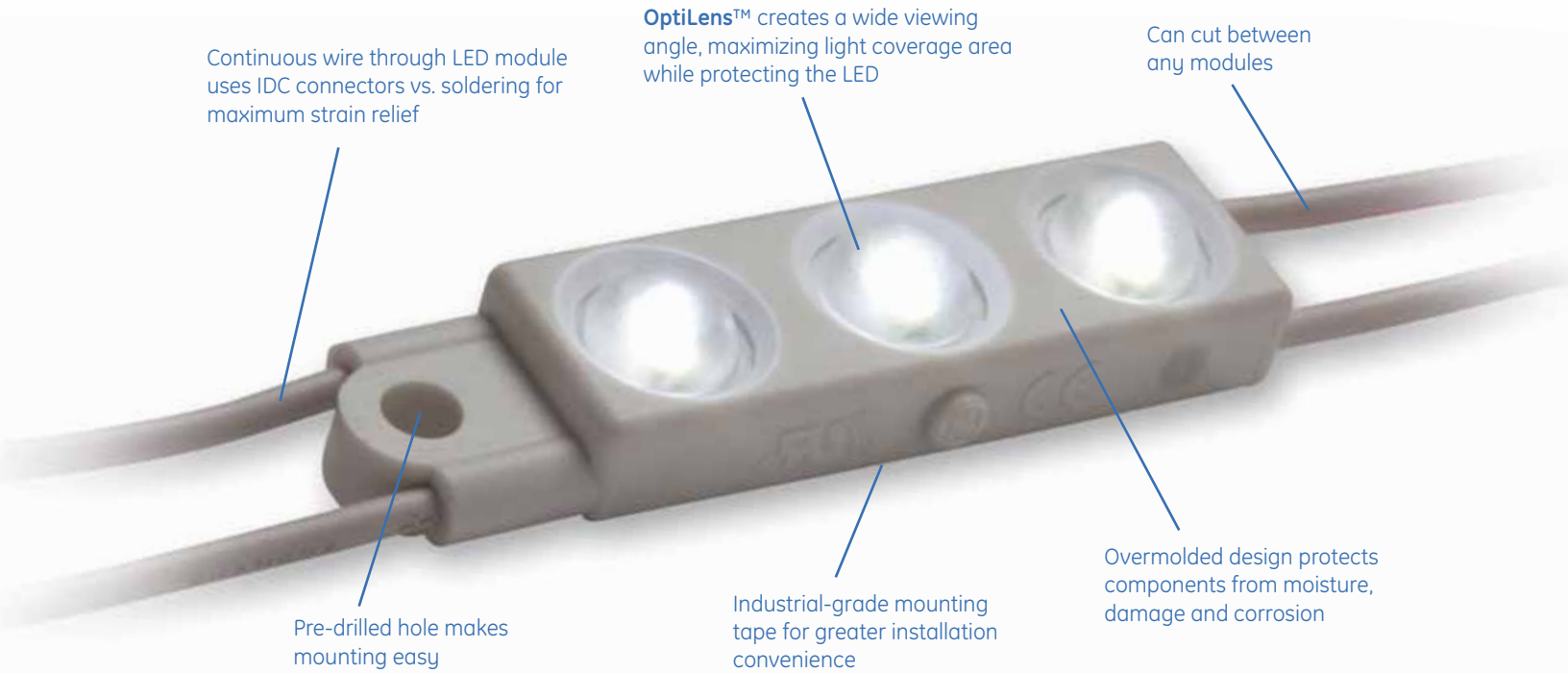
Tetra® miniMAX

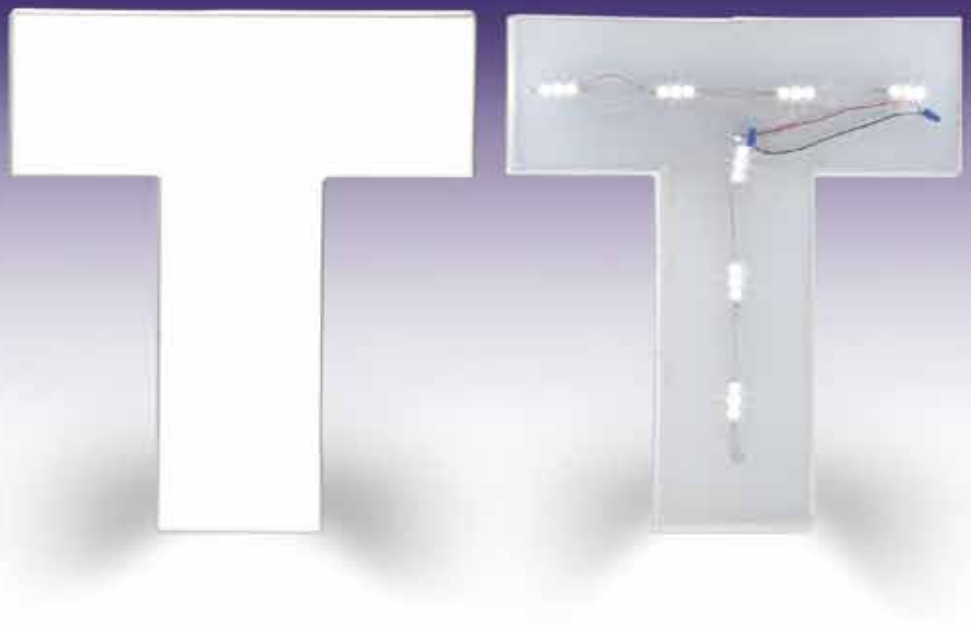
Maximum Performance Minimizes Costs

Tetra® miniMAX is the remarkable LED System designed for small channel letters as shallow as 1.5 inches in depth. Working closely with sign builders and owners, we've designed a lighting solution that provides outstanding uniformity with less product to help you save on installation and material costs.

The OptiLens™ Difference

OptiLens™ maximizes LED performance by capturing otherwise wasted light and redirecting it towards the illuminated surface to create an exceptionally uniform channel letter. This unique lens technology optimizes each LED to allow for wider stroke spacing, which helps reduce the amount of material needed in each sign. In addition, OptiLens helps protect the LED against moisture, humidity, damage and corrosion.





Wider Stroke Spacing with Exceptional Uniformity

New, super-efficient Tetra miniMAX stretches stroke spacing to an impressive 9 inches in a 4-inch depth channel letter without sacrificing on uniformity! When following our recommended layout guidelines, sign OEMs can cut the number of LED modules in half and still maintain exceptional uniformity across the sign face. You need to see it to believe it.

Help your customers protect their brand image with a uniform lit sign that performs flawlessly for years. When you use Tetra miniMAX in your small channel letters, you enhance your good name as well as theirs.

Building GE Reliability into Every Sign

Reliability matters. That's why we rigorously test our designs, components, products and processes (including high temperature, high-humidity and accelerated life testing) to ensure that every Tetra miniMAX LED lighting system performs brilliantly for years.

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Components

SKU	Description	Package Quantity
GEWHMMTS8	Tetra® miniMAX, 7100K, 8 LEDs/ft. (~25 LEDs/m)	100 ft (30.48 m)/box (250 modules)
GEWWMMTS8	Tetra® miniMAX, 3200K, 8 LEDs/ft. (~25 LEDs/m)	100 ft (30.48 m)/box (250 modules)
GEWWMMTS8-50K	Tetra® miniMAX, 5000K, 8 LEDs/ft. (~25 LEDs/m)	100 ft (30.48 m)/box (250 modules)
GEWWMMTS8-41K	Tetra® miniMAX, 4100K, 8 LEDs/ft. (~25 LEDs/m)	100 ft (30.48 m)/box (250 modules)
GEWHMMTS8WD	Tetra® miniMAX, 7100K, 3 module sample	1 sample
GEWWMMTS8WD	Tetra® miniMAX, 3200K, 3 module sample	1 sample
9409	18 AWG Supply Wire (0.82 mm^2)	500 ft (152.40 m)/spool
191600041	22-14 AWG Twist-on Wire Connector (0.33-2.08 mm^2)	500/bag
192160005	22-18 AWG In-line Splice Connector (0.33-0.82 mm^2)	500/bag

Technical Specifications

Color	Typical Brightness (lumens/module)	Typical Brightness (lumens/ft.)	Wavelength Color Temp.	LEDs/ Module	Modules/ Foot	Power Supply Loading 60W	Viewing Angle
Tetra® miniMAX White	31	78	7100K	3	2.5	60 ft. (150 modules)	145°
Tetra® miniMAX Warm White	22	55	3200K	3	2.5	60 ft. (150 modules)	145°

Specification Item	Specification
Cutting Resolution	Cut between any module
LED Strip Operating Environment	-40 °C to +60 °C
Tetra® miniMAX Energy Consumption	Strip: 0.38 W/module, System: 0.46 W/module
Power Supply	GEPS12-20 Input: 90-264VAC; Output 12VDC GEPS12-60 Input: 90-264VAC; Output 12VDC GEPS12-60U Input: 108-305VAC; Output 12VDC GEPS12D-60U Input: 90-305VAC; Output 12VDC GEPS12-180U Input: 90-305VAC; Output 12VDC
Maximum Supply Wire Limits	GEPS12-60, 60U GEPS12D-60U GEPS12-180U / GEPS12-20 / Supply Wire Gauge 30 ft. (9.14 m) / 120 ft. (36.6 m) / 18 AWG (0.82 mm^2) supply wire—9409 50 ft. (15.24 m) / 16 AWG (1.31 mm^2) supply wire 80 ft. (24.38 m) / 14 AWG (2.08 mm^2) supply wire 120 ft. (36.58 m) / 12 AWG (3.31 mm^2) supply wire Wiring to be installed in accordance with Article 725 of the National Electric Code (NEC).
Module Dimensions	0.31 x 1.89 x 0.47 in. (8 x 48 x 12 mm)
Sign Dimensions	For best results, recommended sign depth is 1.5 inches (38 mm) or greater
Limited Warranty	GE offers a limited system warranty of up to five (5) years
System Certifications	UL Recognized #E219167, UL Classified #E229508, CE, C-tick, RoHS, IP66 rated: separate enclosure required, damp location rated

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