

GE
Lighting Solutions

Tetra[®] MAX

LED Lighting System

Maximized **performance** in *medium* channel letters

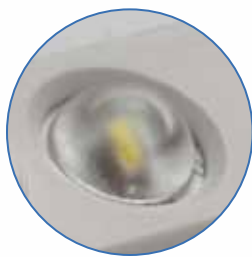


imagination at work

Tetra[®] MAX

Maximum Performance Minimizes Costs

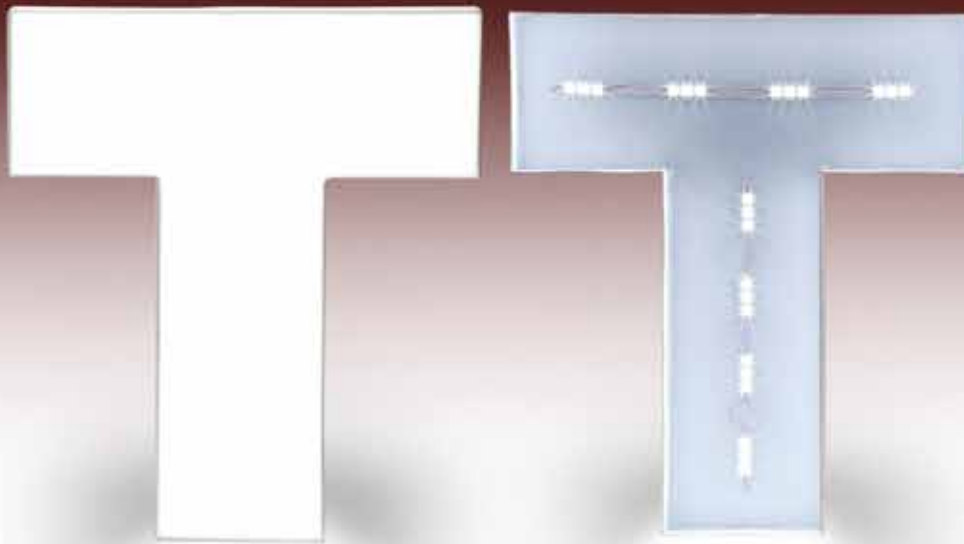
Tetra[®] MAX is the remarkable LED System designed for medium channel letters. Working closely with sign builders and owners, we've designed a lighting solution that provides outstanding uniformity with less product to help you save on installation and material costs.



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.





Exceptional Uniformity and Wider Stroke Spacing

New, super-efficient Tetra MAX stretches stroke spacing to an impressive 11 inches in a 5-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 MAX in your medium channel letters, you enhance your good name as well as theirs.

Tetra® MAX High Output



This high-lumen product is 53% brighter than new Tetra MAX—for those applications where extreme brightness is desired. Both Tetra MAX High Output and Tetra MAX have the same layout instructions, reducing installation and prep work for sign OEMs.

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 MAX LED lighting system performs brilliantly for years.



Components

SKU	Description	Package Quantity
GEWHMXTS6	Tetra [®] MAX, 7100K, 6 LEDs/ft. (~19 LEDs/m)	100 ft (30.48 m)/box (200 modules)
GEWWMXTS6	Tetra [®] MAX, 3200K, 6 LEDs/ft. (~19 LEDs/m)	100 ft (30.48 m)/box (200 modules)
GEWWMXTS6-50K	Tetra [®] MAX, 5000K, 6 LEDs/ft. (~19 LEDs/m)	100 ft (30.48 m)/box (200 modules)
GEWWMXTS6-41K	Tetra [®] MAX, 4100K, 6 LEDs/ft. (~19 LEDs/m)	100 ft (30.48 m)/box (200 modules)
GEWHMHTS6	Tetra [®] MAX High Output 7100K, 6 LEDs/ft. (~19 LEDs/m)	100 ft (30.48 m)/box (200 modules)
GEWWMHTS6	Tetra [®] MAX High Output 3200K, 6 LEDs/ft. (~19 LEDs/m)	100 ft (30.48 m)/box (200 modules)
GEWWMHTS6-50K	Tetra [®] MAX High Output 5000K, 6 LEDs/ft. (~19 LEDs/m)	100 ft (30.48 m)/box (200 modules)
GEWWMHTS6-41K	Tetra [®] MAX High Output 4100K, 6 LEDs/ft. (~19 LEDs/m)	100 ft (30.48 m)/box (200 modules)
GEWHMXTS6WD	Tetra [®] MAX, 7100K, 2 module sample	1 sample
GEWWMXTS6WD	Tetra [®] MAX, 3200K, 2 module sample	1 sample
GEWHMHTS6WD	Tetra [®] MAX High Output 7100K, 2 module sample	1 sample
GEWWMHTS6WD	Tetra [®] MAX High Output 3200K, 2 module sample	1 sample
9409	18 AWG Supply Wire (0.82 mm2)	500 ft (152.40 m)/spool
191600041	22-14 AWG Twist-on Wire Connector (0.33-2.08 mm2)	500/bag
192160005	22-18 AWG In-line Splice Connector (0.33-0.82 mm2)	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 [®] MAX White	38	75	7100K	3	2	60 ft. (120 modules)	150°
Tetra [®] MAX Warm White	27	54	3200K	3	2	60 ft. (120 modules)	150°
Tetra [®] MAX High Output White	58	115	7100K	3	2	40 ft. (80 modules)	150°
Tetra [®] MAX High Output Warm White	46	92	3200K	3	2	40 ft. (80 modules)	150°

Specification Item	Specification																									
Cutting Resolution	Cut between any module																									
LED Strip Operating Environment	-40 °C to +60 °C																									
Tetra [®] MAX Energy Consumption	Strip: 0.48 W/module, System: 0.58 W/module																									
Tetra [®] MAX High Output Energy Consumption	Strip: 0.72 W/module, System: 0.86 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	<table border="1"> <thead> <tr> <th>GEPS12-60, 60U</th> <th>GEPS12D-60U</th> <th>GEPS12-180U</th> <th>GEPS12-20</th> <th>Supply Wire Gauge</th> </tr> </thead> <tbody> <tr> <td>30 ft. (9.14 m)</td> <td></td> <td>120 ft. (36.6 m)</td> <td></td> <td>18 AWG (0.82 mm²) supply wire—9409</td> </tr> <tr> <td>50 ft. (15.24 m)</td> <td></td> <td></td> <td></td> <td>16 AWG (1.31 mm²) supply wire</td> </tr> <tr> <td>80 ft. (24.38 m)</td> <td></td> <td></td> <td></td> <td>14 AWG (2.08 mm²) supply wire</td> </tr> <tr> <td>120 ft. (36.58 m)</td> <td></td> <td></td> <td></td> <td>12 AWG (3.31 mm²) supply wire</td> </tr> </tbody> </table> <p>Wiring to be installed in accordance with Article 725 of the National Electric Code (NEC).</p>	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
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Module Dimensions	0.31 x 2.56 x 0.55 in. (8 x 65 x 14 mm)																									
Sign Dimensions	For best results, recommended sign depth is 4 inches (102 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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