

GE
Lighting Solutions

Tetra MAX

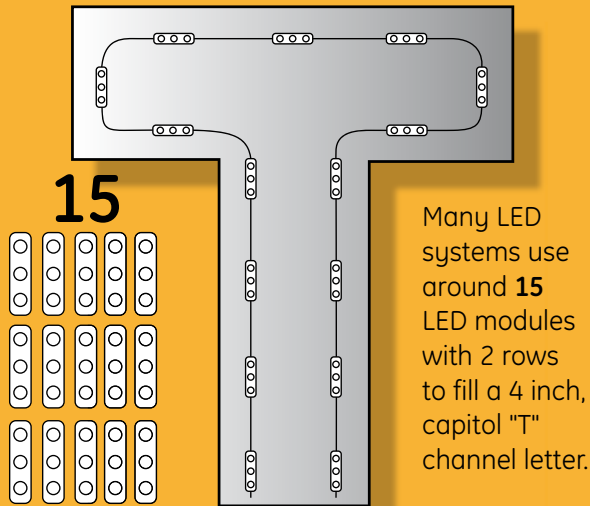
LED Lighting System for *Medium* channel letters



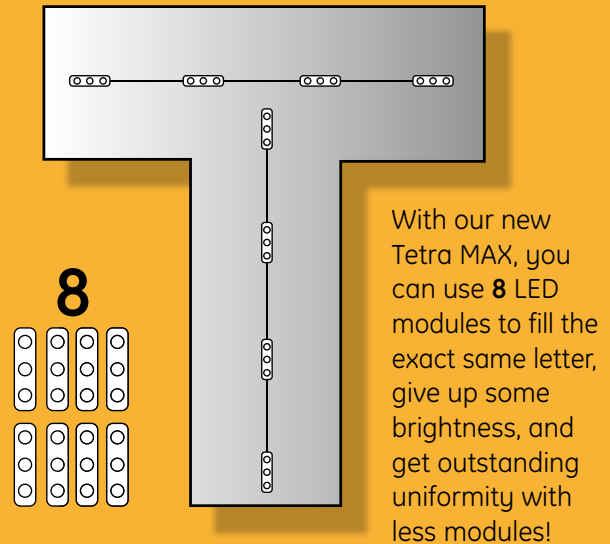
imagination at work

Why use **two rows** when you **only need one**?

Others



New Tetra[®] MAX



Use one row, not two! Tetra MAX stretches stroke spacing to an impressive 9 inches in a 4-inch depth channel and still maintains impressive light uniformity on the channel letter face. It protects your customers' brand image while reducing product costs and saving you installation time.

Tetra[®] MAX High Output



Tetra MAX

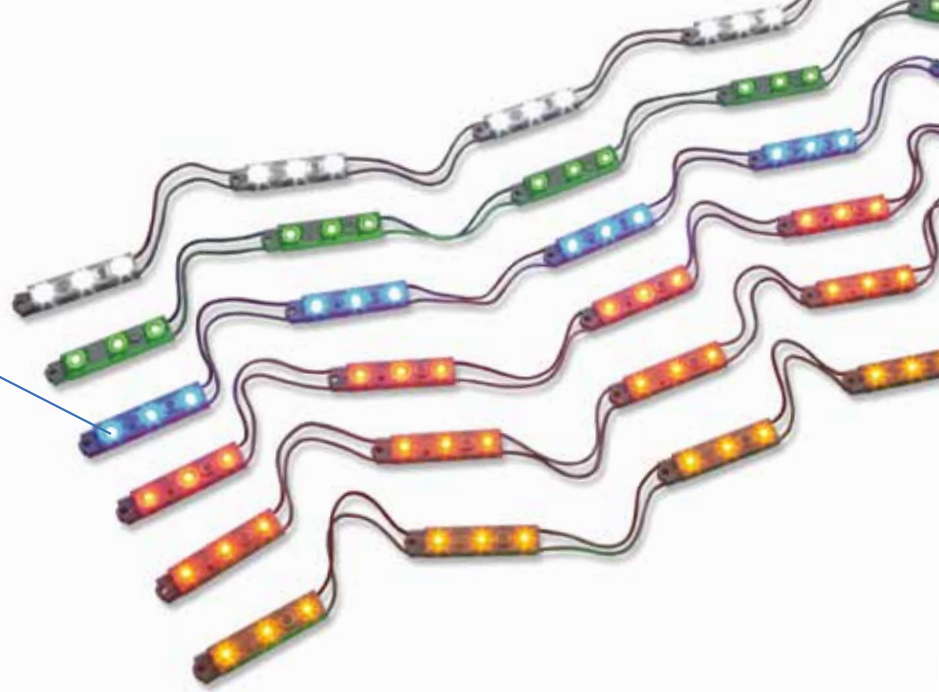
Tetra MAX High Output

For those applications where extreme brightness is desired, our Tetra MAX High Output delivers with White and Red options.

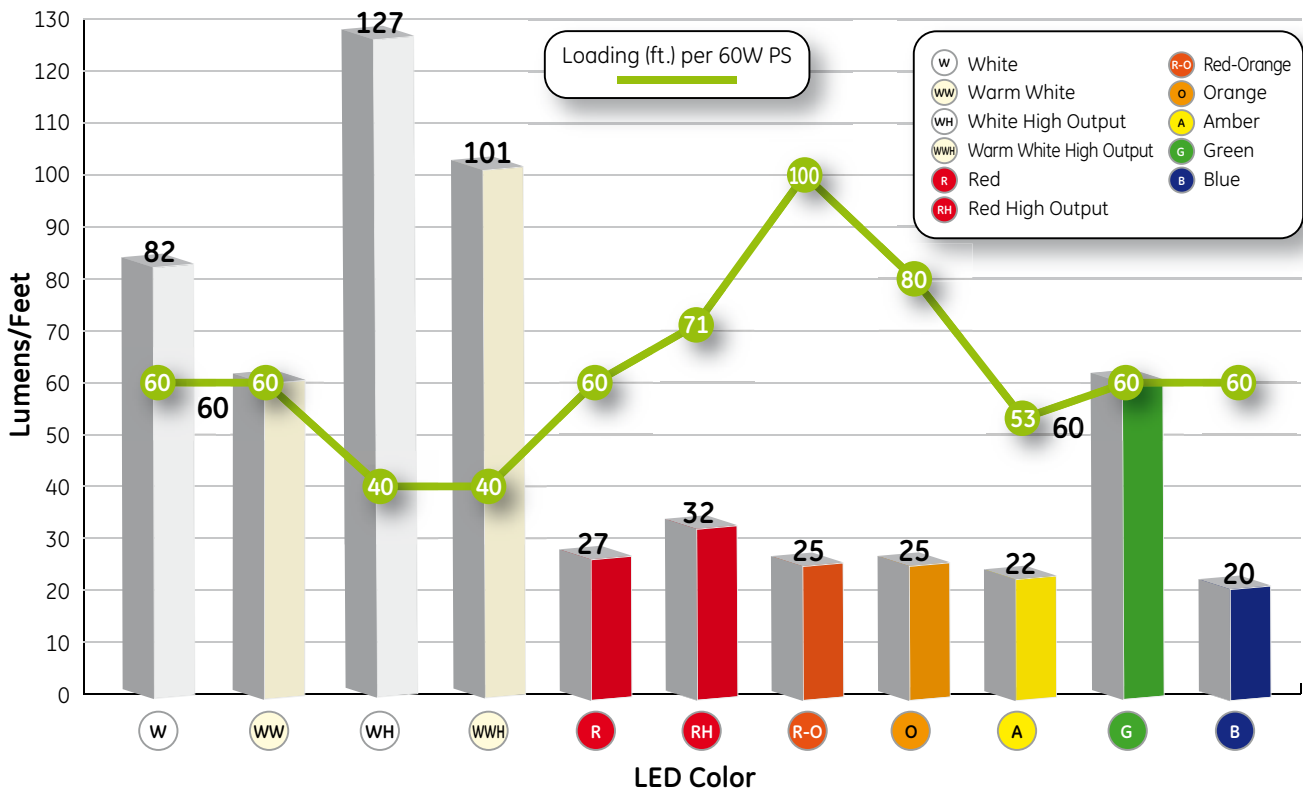
In addition, both Tetra MAX and Tetra MAX High Output have the same layout instructions, reducing installation and prep work for sign OEMs.

OptiLens™

While protecting each LED against moisture, humidity and corrosion, the real value of our unique optical lens technology, OptiLens, is that it maximizes the LED performance by capturing otherwise wasted light and redirects it towards the face of the channel letter.



Tetra® MAX Performance



Building GE Reliability into Every Sign

Reliability matters! That's why we rigorously test our designs, components, products and processes to ensure that every Tetra LED Lighting System performs brilliantly for years. With over 20 million linear feet of Tetra LED Lighting Systems installed around the globe, you can rely on GE's performance to last the long haul.

Components

SKU	Description	Package Quantity
GEMX71-1	Tetra MAX 7100K	100 ft (30.48 m)/box (200 modules)
GEMX50-1	Tetra MAX 5000K	100 ft (30.48 m)/box (200 modules)
GEMX41-1	Tetra MAX 4100K	100 ft (30.48 m)/box (200 modules)
GEMX32-1	Tetra MAX 3200K	100 ft (30.48 m)/box (200 modules)
GEMXH71-1	Tetra MAX High Output 7100K	100 ft (30.48 m)/box (200 modules)
GEMXH50-1	Tetra MAX High Output 5000K	100 ft (30.48 m)/box (200 modules)
GEMXH41-1	Tetra MAX High Output 4100K	100 ft (30.48 m)/box (200 modules)
GEMXH32-1	Tetra MAX High Output 3200K	100 ft (30.48 m)/box (200 modules)
GEMXRD-1	Tetra MAX Red	100 ft (30.48 m)/box (200 modules)
GEMXBL-1	Tetra MAX Blue	100 ft (30.48 m)/box (200 modules)
GEMXGL-1	Tetra MAX Green	100 ft (30.48 m)/box (200 modules)
GEMXPO-1	Tetra MAX Orange	100 ft (30.48 m)/box (200 modules)
GEMXRC-1	Tetra MAX Red-Orange	100 ft (30.48 m)/box (200 modules)
GEMXYG-1	Tetra MAX Amber	100 ft (30.48 m)/box (200 modules)
GEMXHRD-1	Tetra MAX High Output Red	100 ft (30.48 m)/box (200 modules)
9409	18 AWG Supply Wire (0.82 mm ²)	500 ft./spool (152.4 m)
191600041	22-14 AWG Twist-On Wire Connectors (0.33 – 2.08 mm ²)	500/PK
192160004	18-14 AWG In-line Connectors (IDC) (0.82 – 2.08 mm ²)	500/PK

Technical Specifications

Color	Wavelength Color Temp.	Typical Brightness (lumens/module)	Typical Brightness (lumens/ft.)	Energy Consumption (Strip/Module)	Energy Consumption (System/Module)	Power Supply Loading 60W	Viewing Angle
Tetra MAX White	7100K, 5000K	41	82	0.48	0.58	60ft. (120 modules)	150°
Tetra MAX Warm White	4100K, 3200K	29	58	0.48	0.58	60ft. (120 modules)	150°
Tetra MAX High Output White	7100K, 5000K	54	127	0.72	0.86	40ft. (80 modules)	150°
Tetra MAX High Output Warm White	4100K, 3200K	51	101	0.72	0.86	40ft. (80 modules)	150°
Tetra MAX Red	625nm	14	27	0.48	0.59	60ft. (120 modules)	150°
Tetra MAX Blue	467nm	10	20	0.48	0.59	60ft. (120 modules)	150°
Tetra MAX Green	530nm	30	60	0.48	0.59	60ft. (120 modules)	150°
Tetra MAX Orange	606nm	13	25	0.36	0.44	80ft. (160 modules)	150°
Tetra MAX Red-Orange	618nm	12	23	0.29	0.35	100ft. (200 modules)	150°
Tetra MAX Amber	589nm	11	21	0.54	0.66	53ft. (106 modules)	150°
Tetra MAX High Output Red	625nm	16	31	0.41	0.49	71ft. (142 modules)	150°

Specification Item	Specification															
LEDs/Module	Tetra MAX: 3, Tetra MAX High Output White & Warm White: 3, Tetra MAX High Output Red: 4															
Module/ft.	2															
Cutting Resolution	Cut on wire between every module															
Power Supply	GEPS12-20 Input: 90-264VAC; Output: 12VDC GEPS12-60-NA Input: 108-305VAC; Output: 12VDC GEPS12-60-GL Input: 108-305VAC; Output: 12VDC GEPS12W-60 Input: 90-264VAC; 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>60W & 180W</th> <th>20W</th> <th>Supply Wire Gauge</th> </tr> </thead> <tbody> <tr> <td>30 ft. (9.14m)</td> <td>120 ft. (36.60 m)</td> <td>18 AWG (0.82mm²) supply wire -- 9409</td> </tr> <tr> <td>50 ft. (15.24m)</td> <td></td> <td>16 AWG (1.31mm²) supply wire</td> </tr> <tr> <td>80 ft. (24.38m)</td> <td></td> <td>14 AWG (2.08mm²) supply wire</td> </tr> <tr> <td>120 ft. (36.58m)</td> <td></td> <td>12 AWG (3.31mm²) supply wire</td> </tr> </tbody> </table> <p><i>Wiring to be installed in accordance with Article 725 of the National Electric code (NEC).</i></p>	60W & 180W	20W	Supply Wire Gauge	30 ft. (9.14m)	120 ft. (36.60 m)	18 AWG (0.82mm ²) supply wire -- 9409	50 ft. (15.24m)		16 AWG (1.31mm ²) supply wire	80 ft. (24.38m)		14 AWG (2.08mm ²) supply wire	120 ft. (36.58m)		12 AWG (3.31mm ²) supply wire
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Operating Environment	-40 °C to +60 °C															
Module Dimensions (h x l x w)	Tetra MAX, Tetra MAX High Output White & Warm White: 0.31 x 2.56 x 0.55 in. (8 x 65 x 14 mm) Tetra MAX High Output Red: 0.24 x 3.06 x 0.55 in. (8 x 78 x 14 mm)															
Sign Dimensions	For best results, recommended sign depth is 4 inches (102mm) or greater															
Warranty	GE offers a limited system warranty of up to five (5) years															
System Certifications	UL Recognized #E219167, UL Classified #E229508, CSA Approved #216319, CE, C-tick, IP66 rated: separate enclosure required, damp location rated															



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