

Tetra® LED Systems

Tetra® miniMAX MS



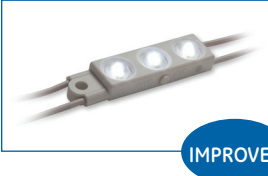
Tetra miniMAX MS (Micro System) was created for channel letters as shallow as 38mm deep and as narrow as 12mm wide. Now even the smallest letters benefit from tremendous efficiency advancements in GE LED technology.

Applications — slim and shallow channel letters

Available Colors — white & warm white

Packaging — 30.48m/box

Tetra® miniMAX



Tetra miniMAX delivers brilliant light in channel letters as shallow as 38mm. The patent-pending OptiLens™ promotes a wide viewing angle and superior uniformity in the smallest of channel letters.

Applications — small channel letters

Available Colors — red, green, blue, white & warm white

Packaging — 30.48m/box

Tetra® MAX



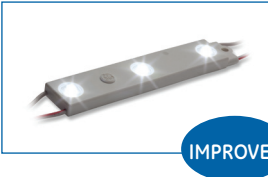
Tetra MAX is designed for the easiest possible installation and operation. This LED system is available in a wide selection of colors and provides bright uniform light in medium sized channel letters.

Applications — medium channel letters

Available Colors — red, red-orange, amber, green, blue, white & warm white

Packaging — 30.48m/box

Tetra® PowerMAX



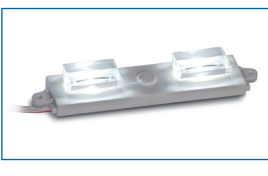
Tetra PowerMAX provides powerful white light in the largest channel letter applications. OptiLens™ allows this lighting system to produce wide uniform surface area coverage across the sign face.

Applications — large channel letters

Available Colors — white & warm white

Packaging — 30.48m/box

Tetra® EdgeStrip



Tetra EdgeStrip is engineered to install easily around the edge of signs with a 76 to 152mm can depth. Perfect for single or double-sided signs,Tetra EdgeStrip delivers money-saving advantages over T8 fluorescent tubes while producing outstanding visual performance that protects end-user brand image.

Applications — shallow cabinet signs

Available Colors — white & warm white

Packaging — 32 modules per box

Tetra® miniStrip & miniStrip DS



New Tetra miniStrip and miniStrip DS were designed specifically for shallow cabinet signs. Tetra miniStrip is ideal for single-sided signs with a 76 to 152mm can depth, while Tetra miniStrip DS is perfect for double-sided signs with a 152 to 304mm can depth.

Applications — shallow cabinet signs

Available Colors — white & warm white

Packaging — Tetra miniStrip: 48 modules per box/Tetra miniStrip DS: 32 modules per box

Tetra® PowerStrip & PowerStrip DS



New Tetra PowerStrip significantly reduces maintenance and energy costs by replacing fluorescent lighting in cabinet and pylon signs. This LED system features OptiLens™, a patent-pending optical lens that eliminates striping commonly associated with fluorescent lighting.

Applications — cabinet signs

Available Colors — white & warm white

Packaging — Tetra PowerStrip: 48 modules per box/Tetra PowerStrip DS: 32 modules per box

Tetra® Contour LS



Tetra Contour LS is our linear neon replacement system that comes pre-assembled and ready-to-install; perfect for long run border lighting applications.

Applications — border lighting and accent lighting

Available Colors — red, green, blue & white

Packaging — 29.28m/box (12 x 2.44 metre lengths)

Tetra® Contour



Tetra Contour is our two-part neon replacement system that can be easily heated and formed into custom shapes and designs.

Applications — neon replacement and accent lighting

Available Colors — Light Engine: red, red-orange, amber, green, blue, white & warm white

Light Guide: red, orange, yellow, lime green, green, blue & white

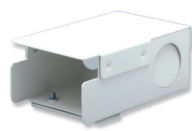
Packaging — Tetra Contour light engines: red: 29.28m/box (12 x 2.44 metre lengths)

Tetra Contour light guides: 29.28m/box (12 x 2.44 metre lengths)

Choose the power supply that is right for your job.

12 Volt Systems	24 Volt Systems	Key Feature
GEPS12-20 	GEPS24-20 	Its' compact design is great for small jobs.
GEPS12-60U-GL 	GEPS24-100U-GL 	Global power supply
GEPS12D-60U 	GEPS24D-80U 	Dimmable power supply 0-10V Control
GEPS12W-60 	GEPS24W-80 	Rated for wet locations.
GEPS12-180U 	GEPS24-180U 	Can handle large lighting jobs with/ built-in junction box

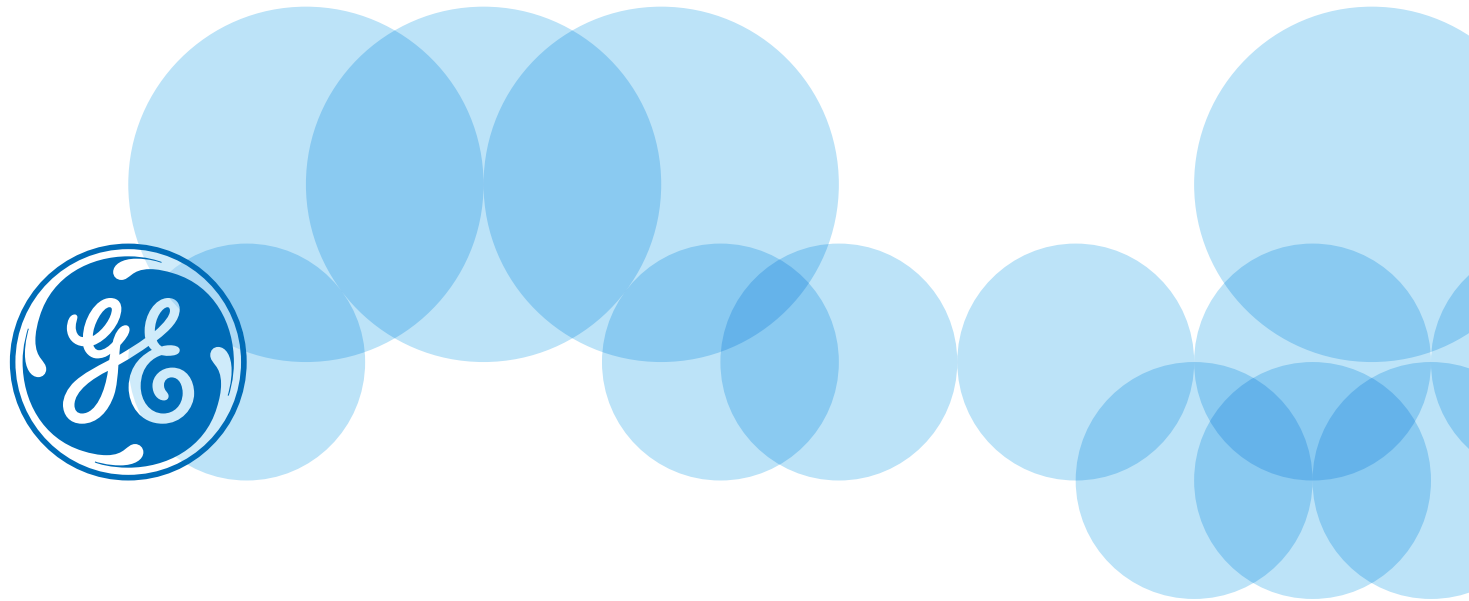
GEPSJB-60



Can be used Tetra Power Supplies:
GEPS12-60U-GL, GEPS24-100U-GL, GEPS12D-60U, GEPS24D-80U

www.gelighting.com

LED Lighting Systems
2014 Product Reference Chart



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GE Lighting is constantly developing and improving its products. For this reason, all product descriptions in this sheet are intended as a general guide, and we may change specifications time to time in the interest of product development, without prior notification or public announcement. All descriptions in this publication present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, GE Lighting cannot accept any liability arising from the reliance on such data to the extent permitted by law.



Tetra Product Reference Chart

PRODUCT LINES	PART	SKU	LED COLOR	WAVELENGTH or COLOR TEMP	LEDS PER MODULE	MODULES PER METRE	VIEWING ANGLE	LUMENS PER MODULE (Typical)	LUMENS PER METRE (Typical)	LIMITED WARRANTY	LED STRIP WATTS/ MODULE** (Typical)	LED SYSTEM WATTS/ MODULE** (Typical)	EEC	kWh/1000h	MODULE DIMENSIONS HxWxL [mm]	VOLTAGE	MAXIMUM LOAD (MODULES/POWER SUPPLY)
TETRA® miniMAX/MS 13mm MIN. STROKE WIDTH 38mm min. Depth	GEMM71-2	13613	WHITE	7100K	3	8	150	36	288	5 YEARS	0.32	0.38	A++	0.36	8x12x48	12V	20W: 55 Modules, 60W: 170 Modules, 180W: 170 Modules per bank / 510 Modules per PS
	GEMM71-2-CS1	13614	WHITE	7100K	3	6.6	150	36	238	5 YEARS	0.32	0.38	A++	0.36	8x12x48	12V	
	GEMM50-2	13619	WARM WHITE	5000K	3	8	150	36	288	5 YEARS	0.32	0.38	A++	0.36	8x12x48	12V	
	GEMM41-2	13620	WARM WHITE	4100K	3	8	150	34	272	5 YEARS	0.32	0.38	A++	0.36	8x12x48	12V	
	GEMM32-2	13625	WARM WHITE	3200K	3	8	150	30	240	5 YEARS	0.32	0.38	A++	0.36	8x12x48	12V	
	GEMMRD-1	98922	RED	625nm	3	8	150	30	240	5 YEARS	0.32	0.38	A++	0.36	8x12x48	12V	20W: 50 Modules, 60W: 150 Modules, 180W: 150 Modules per bank / 450 Modules per PS
	GEMMBL-1	98919	BLUE	467nm	3	8	150	11	86	5 YEARS	0.39	0.47	NA	NA	8x12x48	12V	
	GEMMGL-1	98920	GREEN	530nm	3	8	150	8	61	5 YEARS	0.39	0.47	NA	NA	8x12x48	12V	
	GEMMPO-1	98921	ORANGE	606nm	3	8	150	24	192	5 YEARS	0.39	0.47	NA	NA	8x12x48	12V	
	GEMMPQ-1	98921	ORANGE	606nm	3	8	150	19	154	5 YEARS	0.48	0.59	NA	NA	8x12x48	12V	
	GEMST1-1	14397	WHITE	7100K	3	8	A-symmetrical	36	288	5 YEARS	0.38	0.45	A++	0.42	9x10x35	12V	20W: 50 Modules, 60W: 150 Modules, 180W: 150 Modules per bank / 450 Modules per PS
	GEMSS0-1	14398	WARM WHITE	5000K	3	8	A-symmetrical	36	288	5 YEARS	0.38	0.45	A++	0.42	9x10x35	12V	
	GEMSA1-1	14399	WARM WHITE	4100K	3	8	A-symmetrical	28	224	5 YEARS	0.38	0.45	A++	0.42	9x10x35	12V	
	GEMS32-1	14407	WARM WHITE	3200K	3	8	A-symmetrical	28	224	5 YEARS	0.38	0.45	A++	0.42	9x10x35	12V	
	GEMSRD-1	84438	RED	625nm	3	8	A-symmetrical	13	107	5 YEARS	0.38	0.45	NA	NA	9 x 10 x 35	12V	
TETRA® MAX 19mm STROKE WIDTH (MIN) 102mm Min. Depth >305mm Letter Height	GEMSDL-1	84434	BLUE	467nm	3	8	A-symmetrical	8	66	5 YEARS	0.38	0.45	NA	NA	9 x 10 x 35	12V	20W: 40 Modules, 60W: 120 Modules, 180W: 120 Modules per bank / 360 Modules per PS
	GEMSGI-1	84437	GREEN	530nm	3	8	A-symmetrical	22	180	5 YEARS	0.31	0.37	NA	NA	9 x 10 x 35	12V	
	GEMX71-2	13628	WHITE	7100K	3	6.6	150	52	343	5 YEARS	0.46	0.54	A++	0.50	8x14x65	12V	
	GEMX50-2	13629	WARM WHITE	5000K	3	6.6	150	52	343	5 YEARS	0.46	0.54	A++	0.50	8x14x65	12V	
	GEMX41-2	13633	WARM WHITE	4100K	3	6.6	150	47	310	5 YEARS	0.46	0.54	A++	0.50	8x14x65	12V	
	GEMX32-2	13637	WARM WHITE	3200K	3	6.6	150	43	284	5 YEARS	0.46	0.54	A++	0.50	8x14x65	12V	20W: 42 Modules, 60W: 128 Modules, 180W: 128 Modules per bank / 384 Modules per PS
	GEMXRD-1	98925	RED	625nm	3	6.6	150	14	89	5 YEARS	0.48	0.59	NA	NA	8x14x65	12V	
	GEMXBL-1	98923	BLUE	467nm	3	6.6	150	10	66	5 YEARS	0.48	0.59	NA	NA	8x14x65	12V	
	GEMXGL-1	98924	GREEN	530nm	3	6.6	150	30	198	5 YEARS	0.48	0.59	A++	0.53	8x14x65	12V	
	GEMXPO-1	98926	ORANGE	606nm	3	6.6	150	13	83	5 YEARS	0.36	0.44	NA	NA	8x14x65	12V	
	GEMXRC-1	98927	RED-ORANGE	618nm	3	6.6	150	12	76	5 YEARS	0.29	0.35	NA	NA	8x14x65	12V	20W: 52 Modules, 60W: 160 Modules, 180W: 160 Modules per bank / 480 Modules per PS
	GEMXRG-1	98928	AMBER	625nm	3	6.6	150	11	69	5 YEARS	0.54	0.66	NA	NA	8x14x65	12V	
	GEMXKH71-2	13638	WHITE	7100K	3	6.6	150	82	541	5 YEARS	0.72	0.85	A++	0.79	8x14x65	12V	
	GEMXKH50-2	13640	WARM WHITE	5000K	3	6.6	150	82	541	5 YEARS	0.72	0.85	A++	0.79	8x14x65	12V	
	GEMXKH41-2	13651	WARM WHITE	4100K	3	6.6	150	75	495	5 YEARS	0.72	0.85	A++	0.79	8x14x65	12V	
TETRA® PowerMAX 32mm STROKE WIDTH (MIN) 102mm Min. Depth >=915mm Letter Height	GEMXKH32-2	13654	WARM WHITE	3200K	3	6.6	150	68	449	5 YEARS	0.72	0.85	A++	0.79	8x14x65	12V	20W: 26 Modules, 60W: 80 Modules, 180W: 80 Modules per bank / 240 Modules per PS
	GEMXHRD-1	98929	RED	625nm	4	6.6	150	16	102	5 YEARS	0.41	0.49	NA	NA	6x14x78	12V	
	GPEM71-2	13661	WHITE	7100K	3	5	150	133	665	5 YEARS	1.32	1.50	A++	1.45	8x18x100	12V	
	GPEM71-2-CS1	13665	WHITE	7100K	3	3.3	150	133	439	5 YEARS	1.32	1.50	A++	1.45	8x18x100	12V	
	GPEM50-2	13668	WARM WHITE	5000K	3	5	150	133	665	5 YEARS	1.32	1.50	A++	1.45	8x18x100	12V	20W: 14 Modules, 60W: 42 Modules, 180W: 42 Modules per bank / 126 Modules per PS
	GPEM41-2	13669	WARM WHITE	4100K	3	5	150	120	600	5 YEARS	1.32	1.50	A++	1.45	8x18x100	12V	
	GPEM32-2	13671	WARM WHITE	3200K	3	5	150	109	545	5 YEARS	1.32	1.50	A++	1.45	8x18x100	12V	
	GESS71-1	95630	WHITE	7100K	5	3.3	140	280	924	5 YEARS	2.40	2.82	A++	2.64	12x29x234	12V	
	GESS50-1	95631	WARM WHITE	5000K	5	3.3	140	280	924	5 YEARS	2.40	2.82	A++	2.64	12x29x234	12V	20W: 6 Modules, 60W: 20 Modules, 180W: 20 Modules per bank / 60 Modules per PS
	GESS41-1	95632	WARM WHITE	4100K	5	3.3	140	210	693	5 YEARS	2.40	2.82	A++	2.64	12x29x234	12V	
	GESS32-1	95633	WARM WHITE	3200K	5	3.3	140	210	693	5 YEARS	2.40	2.82	A++	2.64	12x29x234	12V	
	GESSH71-1	98942	WHITE	7100K	8	3.3	140	360	1188	5 YEARS	3.63	4.15	A+	3.99	12x29x252	12V	
	GESSH50-1	98943	WARM WHITE	5000K	8	3.3	140	360	1188	5 YEARS	3.63	4.15	A+	3.99	12x29x252	12V	
TETRA® PowerStrip 127mm Min. Depth	GESSH41-1	98944	WARM WHITE	4100K	8	3.3	140	260	858	5 YEARS	3.63	4.15	A+	3.99	12x29x252	12V	20W: 5 Modules, 60W: 16 Modules, 180W: 16 Modules per bank / 48 Modules per PS
	GESSH32-1	98945	WARM WHITE	3200K	8	3.3	140	260	858	5 YEARS	3.63	4.15	A+	3.99	12x29x252	12V	
	GEDS71-1	95636	WHITE	7100K	10	3.3	140	560	1848	5 YEARS	4.80	5.64	A++	5.14	10x34x234	24V	
	GEDS50-1	95637	WARM WHITE	5000K	10	3.3	140	560	1848	5 YEARS	4.80	5.64	A++	5.14	10x34x234	24V	
	GEDS41-1	95638	WARM WHITE	4100K	10	3.3	140	420	1386	5 YEARS	4.80	5.64	A++	5.14	10x34x234	24V	20W: 3 Modules, 80W: 12 Modules, 100W: 16 Modules, 180W: 14 Modules per bank / 28 Modules per PS
	GEDS32-1	95639	WARM WHITE	3200K	10	3.3	140	420	1386	5 YEARS	4.80	5.64	A++	5.14	10x34x234	24V	
	GEDSH71-1	98946	WHITE	7100K	16	3.3	140	720	2376	5 YEARS	6.55	7.14	A+	7.21	14x34x228	24V	
	GEDSH50-1	98947	WARM WHITE	5000K	16	3.3	140	720	2376	5 YEARS	6.55	7.14	A+	7.21	14x34x228	24V	
	GEDSH41-1	98948	WARM WHITE	4100K	16	3.3	140	520	1716	5 YEARS	6.55	7.14	A+	7.21	14x34x228	24V	20W: 2 Modules, 80W: 10 Modules, 100W: 13 Modules, 180W: 11 Modules per bank / 22 Modules per PS
	GEDSH32-1	98949	WARM WHITE	3200K	16	3.3	140	520	1716	5 YEARS	6.55	7.14	A+	7.21	14x34x228	24V	
TETRA® miniStrip 76mm Min. Depth	GEWHBSP3	98575	WHITE	7100K	3	3.3	140	96	317	5 YEARS	1.10	1.26	A++	1.21	13x28x200	12V	
	GEVWBSP3-50K	98578	WARM WHITE	5000K	3	3.3	140	96	317	5 YEARS	1.10	1.26	A++	1.21	13x28x200	12V	20W: 17 Modules, 60W: 53 Modules, 180W: 53 Modules per bank / 159 Modules per PS
	GEVWBSP3-41K	98577	WARM WHITE	4100K	3	3.3	140	72	238	5 YEARS	1.10	1.26	A++	1.21	13x28x200	12V	
	GEVWBSP3	98576	WARM WHITE	3200K	3	3.3	140	72	238	5 YEARS	1.10	1.26	A++	1.21	13x28x200	12V	
	GEBSH71-1	98950	WHITE	7100K	3	3.3	140	120	396	5 YEARS	1.49	1.70	A++	1.64	13x28x200	12V	
	GEBSH50-1	98951	WARM WHITE	5000K	3	3.3	140	120	396	5 YEARS	1.49	1.70	A++	1.64	13x28x200	12V	20W: 12 Modules, 60W: 38 Modules, 180W: 38 Modules per bank / 114 Modules per PS
	GEBSH41-1	98952	WARM WHITE	4100K	3	3.3	140	90	297	5 YEARS	1.49	1.70	A+	1.64	13x28x200	12V	
	GEBSH32-1	98953	WARM WHITE	3200K	3	3.3	140	90	297	5 YEARS	1.49	1.70	A+	1.64	13x28x200	12V	
	GEVHBDP6	98579	WHITE	7100K	6	3.3	140	192	634	5 YEARS	2.20	2.51	A++	2.42	15x28x200	24V	
	GEVWBDP6-50K	98582	WARM WHITE	5000K	6	3.3	140	192	634	5 YEARS	2.20	2.51	A++	2.42	15x28x200	24V	20W: 8 Modules, 80W: 31 Modules, 100W: 39 Modules, 180W: 35 Modules per bank / 70 Modules per PS
	GEVWBDP6-41K	98581	WARM WHITE	4100K	6	3.3	140	144	475	5 YEARS	2.20	2.51	A+	2.42	15x28x200	24V	
	GEVWBDP6	98580	WARM WHITE	3200K	6	3.3	140	144	475	5 YEARS	2.20	2.51	A+	2.42	15x28x200	24V	
	GEBDH71-1	98954	WHITE	7100K	6	3.3	140	240	792	5 YEARS	2.98	3.41	A+	3.28	15x28x200	24V	
	GEBDH50-1	98955	WARM WHITE	5000K	6	3.3	140	240	792	5 YEARS	2.98	3.41	A+	3.28	15x28x200	24V	
TETRA® miniStrip DS 76mm Min. Depth from Face	GEBDH41-1	98956	WARM WHITE	4100K	6	3.3	140	180	594	5 YEARS	2.98	3.41	A+	3.28	15x28x200	24V	20W: 6 Modules, 80W: 24 Modules, 100W: 30 Modules, 180W: 27 Modules per bank / 54 Modules per PS
	GEBDH32-1	98957	WARM WHITE	3200K	6	3.3	140	180	594	5 YEARS	2.98	3.41	A+	3.28	15x28x200	24V	
	GEVHBIP2	98546	WHITE	7100K	2	3.3	10 x 80	200	660	5 YEARS	2.40	2.74	A++	2.64	21x33x150	24V	
	GEVWBIP2-50K	98548	WARM WHITE	5000K	2	3.3	10 x 80	200	660	5 YEARS	2.40	2.74	A++	2.64	21x33x150	24V	20W: 7 Modules, 80W: 30 Modules, 100W: 37 Modules, 180W: 33 Modules per bank / 66 Modules per PS