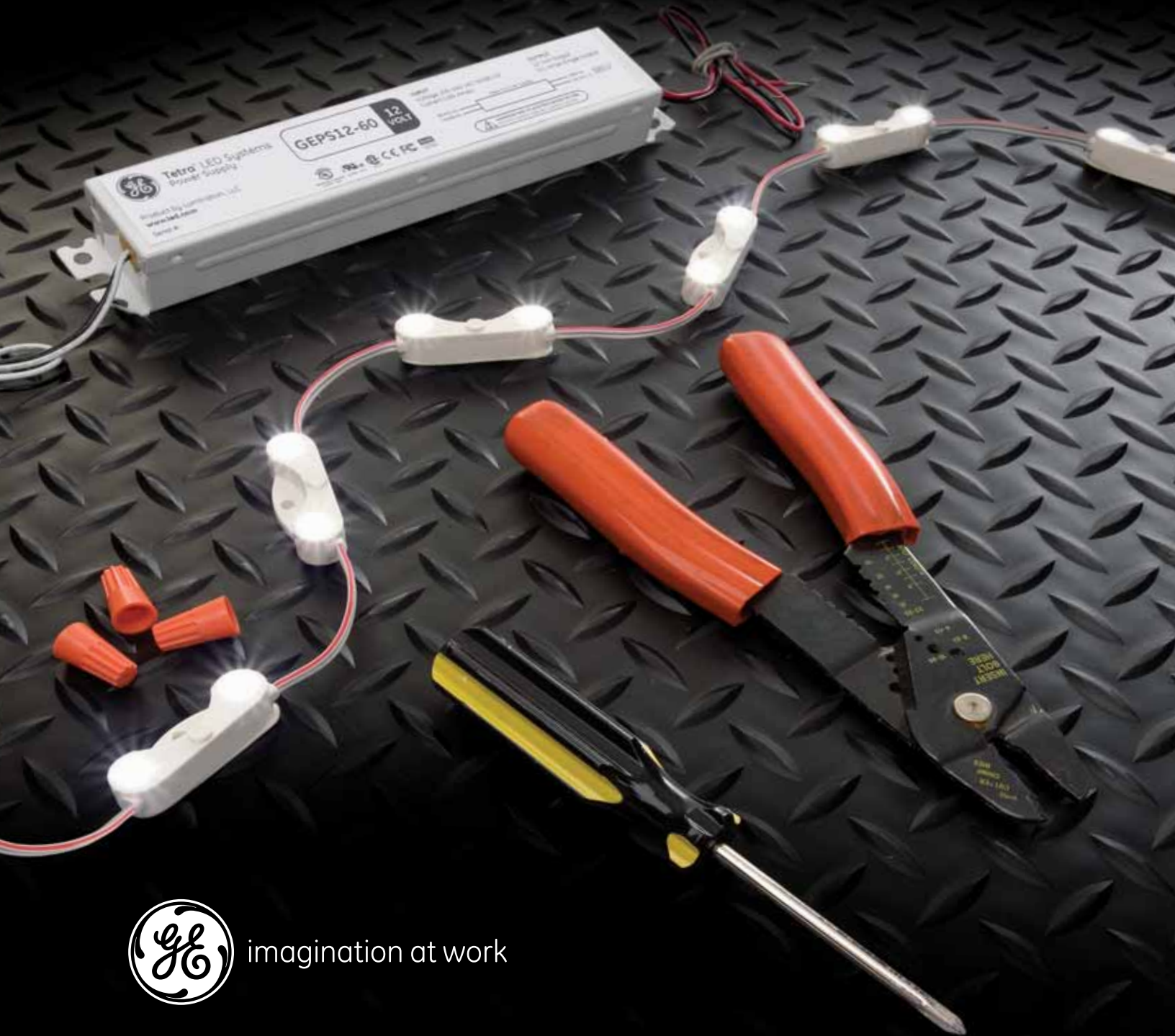


GE
Lumination

2010 Tetra[®] LED Systems



imagination at work

Tetra® LED Systems

Tetra® miniMAX



Tetra miniMAX delivers brilliant light in channel letters as shallow as 1.5in. The patent-pending OptiLens™ promotes wide, 155-degree viewing angle and superior uniformity in the smallest of channel letters.

Applications — small channel letters

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

Packaging — 100 ft./box

Tetra® MAX



Tetra MAX is our LED system designed for the easiest possible installation and operation. We simplified the entire system by eliminating binning, load balancing and allowing off-the-shelf components saving time and material costs.

Applications — medium channel letters

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

Packaging — 100 ft./box

Tetra® Power White & Power White XL



Tetra Power White & Tetra Power White XL provides powerful performance in the biggest channel letter applications. This system provides brilliant white light across the entire sign face, filling every curve of the most demanding designs.

Applications — large channel letters and box signs

Available Colors — white & warm white

Packaging — Tetra Power White: 50 ft./spool; Tetra Power White XL (2 LED/ft.): 49.5 ft./spool;
Tetra Power White XL (3 LED/ft.): 33 ft./spool

Tetra® PowerStrip & PowerStrip DS



Tetra PowerStrip significantly reduces maintenance and energy costs by replacing fluorescent lighting in backlighting applications and box signs.

Applications — box 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 — 48 ft./box

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: 96 ft./box; other colors: 48 ft./box
Tetra Contour light guides: 96 ft./box

Tetra® Quick Reference Guide

PRODUCT LINE	TARGET APPLICATION	APPLICATION DIMENSIONS	SKU	LED COLOR	WAVELENGTH/ COLOR TEMPERATURE
Tetra miniMAX	Channel Letters	1.5 in. Min. Depth	GERDMMS5	Red	625 nm
			GEGLMMS5	Blue	530 nm
		0.5 in. Min. Stroke Width	GEBLMMS5	Green	467 nm
		GEWHMMS5	White	6500K	
		GEWWMMS5	Warm White	3200K	
Tetra MAX	Channel Letters	0.75 in. Min. Stroke Width	GERDMXS6	Red	625 nm
			GERCMXS6	Red-Orange	618 nm
		5 in. Min. Depth	GEYGMXS6	Amber	592 nm
			GEGLMXS6	Green	530 nm
		GEBLMXS6	Blue	467 nm	
		GEWHMXS6	White	6500K	
		GEWHMXWA5	White	6500K	
		GEWWMXS6	Warm White	3200K	
		GEWWMXWA5	Warm White	3200K	
		GERDML6	Red	625 nm	
		GERCML6	Red-Orange	618 nm	
Tetra Power White & Tetra Power White XL	Channel Letters	1.25 in. Min. Stroke Width	GEWPHS2-65K	White	6500K
			GEWHXS2-65K	White	6500K
		5 in. Min. Depth	GEWXXS2-32K	Warm White	3200K
			GEWXXS3-32K	Warm White	3200K
Tetra PowerStrip	Backlit Single-Sided Box Signs	5 in. Min. Depth	GEWHSSP3-65K	White	6500K
			GEWWSPP3-41K	Warm White	4100K
Tetra PowerStrip DS	Backlit Double-Sided Box Signs	10 in. Min. Depth	GEWHDSP6-65K	White	6500K
			GEWWDSP6-41K	Warm White	4100K
Tetra Contour LS	Border Lighting	15mm neon replacement	GERDXNLA2-RD	Red	625 nm
			GEGLXNLA2-GL	Green	532 nm
			GEBLXNLA2-BL	Blue	467 nm
			GEWHXNLA2-WH	White	6500K
			GERDXNAA2-RD	Red	625 nm
			GEGLXNAA2-GL	Green	532 nm
			GEBLXNAA2-BL	Blue	467 nm
			GEWHXNAA2-WH	White	6500K
Tetra Contour*	Border & Accent Lighting	15mm neon replacement	GERDXNLE1	Red	625 nm
			GERCXNLE1	Red-Orange	618 nm
			GEYAXNLE1	Amber	589 nm
			GEGLXNLE1	Green	532 nm
			GEBLXNLE1	Blue	467 nm
			GEWHXNLE1	White	6500K
			GEWXXNLE1	Warm White	3200K

* For light guides and accessories, reference the Tetra Contour Component Guide

LEDs PER MODULE	MODULES PER FOOT	VIEWING ANGLE	LUMENS PER MODULE (Typical)	LUMENS PER FOOT (Typical)	LIMITED WARRANTY	LED STRIP (Typical) POWER CONSUMPTION WATTS/MODULE	LED SYSTEM (Typical) POWER CONSUMPTION WATTS/MODULE
2	2.5	155	10	25	5 year	0.624	0.749
2	2.5	155	24	60	3 year	0.624	0.749
2	2.5	155	7	17	3 year	0.624	0.749
2	2.5	155	24	60	4 year	0.624	0.749
2	2.5	155	20	50	4 year	0.624	0.749
2	3	100	7	21	5 year	0.330	0.400
2	3	105	6	18	5 year	0.330	0.400
2	3	100	7	21	5 year	0.330	0.400
2	3	100	14	42	3 year	0.330	0.400
2	3	100	4	12	3 year	0.330	0.400
2	3	105	14	42	4 year	0.330	0.400
2	2.5	150	24	60	4 year	0.410	0.480
2	3	110	12	36	4 year	0.330	0.400
2	2.5	150	19	47	4 year	0.410	0.480
3	2	100	11	21	5 year	0.330	0.400
3	2	105	9	18	5 year	0.330	0.400
1	2	110	66	132	4 year	1.013	1.432
1	2	110	66	132	4 year	0.984	1.171
1	2	110	48	96	4 year	0.984	1.171
1	3	110	48	144	4 year	0.984	1.171
3	1	135 Horz., 140 Vert.	249	249	4 year	2.44	2.92
3	1	135 Horz., 140 Vert.	201	201	4 year	2.44	2.92
6	1	135 Horz., 140 Vert.	498	498	4 year	4.87	5.73
6	1	135 Horz., 140 Vert.	402	402	4 year	4.87	5.73
		330		40	5 year	3.24	3.81
		330		80	3 year	2.88	3.39
		330		20	4 year	2.88	3.39
		330		74	4 year	2.88	3.39
		330		40	5 year	3.24	3.81
		330		80	3 year	2.88	3.39
		330		20	4 year	2.88	3.39
		330		74	4 year	2.88	3.39
		330		40	5 year	3.24	3.81
		330		32	5 year	3.24	3.81
		330		30	5 year	3.24	3.81
		330		80	3 year	2.88	3.39
		330		20	4 year	2.88	3.39
		330		74	4 year	2.88	3.39
		330		63	3 year	2.88	3.39

Power Supplies & Components

MODULE DIMENSIONS H x W x L (INCHES)	CUT RESOLUTION	POWER SUPPLY	SUPPLY WIRE	WIRE CONNECTOR	END CAP
0.35 x 0.47 x 180	Between every module	GEPS12-20, GEPS12-60 or GEPS12-60U	9409 (18 AWG)	IDC Connector (192160005) or Twist-on Connector (191600041)	N/A
0.35 x 0.47 x 180	Between every module				
0.35 x 0.47 x 180	Between every module				
0.35 x 0.47 x 1.80	Between every module				
0.35 x 0.47 x 1.80	Between every module				
0.50 x 0.63 x 2.06	Between every module	GEPS12-20, GEPS12-60 or GEPS12-60U	9409 (18 AWG)	IDC Connector (192160004) or Twist-on Connector (191600041)	GETMEC1
0.50 x 0.63 x 2.06	Between every module				
0.50 x 0.63 x 2.06	Between every module				
0.50 x 0.63 x 2.06	Between every module				
0.50 x 0.63 x 2.06	Between every module				
0.50 x 0.63 x 2.06	Between every module				
0.50 x 0.63 x 2.06	Between every module				
0.50 x 0.63 x 2.06	Between every module				
0.56 x 0.69 x 4.06	Between every module				
0.56 x 0.69 x 4.06	Between every module				
0.60 x 1.18 x 1.65	Between every module	GECLPSPA & GECLPSPH			
0.60 x 1.18 x 1.65	Every 3 modules	GEXLPS21 or GEXLPS21-U	GECLSW1 (14 AWG)	GECLSC2	GECLEC1
0.60 x 1.18 x 1.65	Every 3 modules				
0.60 x 1.18 x 1.65	Every 3 modules				
0.47 x 1.50 x 9.53	Between every module	GEPS12-20, GEPS12-60 or GEPS12-60U GEPS24-20, GEPS24-80 or GEPS24-100U	9409 (18 AWG)	IDC Connector (192160004) or Twist-on Connector (192160004)	GETMEC1
0.47 x 1.50 x 9.53	Between every module				
0.47 x 1.50 x 9.53	Between every module				
0.47 x 1.50 x 9.53	Between every module				
0.44 x 0.44 x 8.0	Cut between modules (8.00 in.)	GEPS24-20, GEPS24-80 or GEPS24-100U	9409 (18 AWG)	Twist-on Connector (191600041)	N/A
0.44 x 0.44 x 8.0	Cut between modules (8.00 in.)				
0.44 x 0.44 x 8.0	Cut between modules (8.00 in.)				
0.44 x 0.44 x 8.0	Cut between modules (8.00 in.)				
0.44 x 0.44 x 16.0	On "Cut Here" markings (2.67 in.)				
0.44 x 0.44 x 16.0	On "Cut Here" markings (2.00 in.)				
0.44 x 0.44 x 16.0	On "Cut Here" markings (2.00 in.)				
0.44 x 0.44 x 16.0	On "Cut Here" markings (2.00 in.)				
0.44 x 0.44 x 16.25	On "Cut Here" markings (2.67 in.)	GEPS24-20, GEPS24-80 or GEPS24-100U	9409 (18 AWG)	Twist-on Connector (191600041)	N/A
0.44 x 0.44 x 16.25	On "Cut Here" markings (2.67 in.)				
0.44 x 0.44 x 16.25	On "Cut Here" markings (2.67 in.)				
0.44 x 0.44 x 16.25	On "Cut Here" markings (2.00 in.)				
0.44 x 0.44 x 16.25	On "Cut Here" markings (2.00 in.)				
0.44 x 0.44 x 16.25	On "Cut Here" markings (2.00 in.)				
0.44 x 0.44 x 16.25	On "Cut Here" markings (2.00 in.)				
0.44 x 0.44 x 16.25	On "Cut Here" markings (2.00 in.)				

Tetra® Power Supplies

SKU	Description	Supports Tetra Products	Minimum Load	Maximum Load
GEPS12-20	Damp Rated; Self-Contained, Remote or Raceway; 1 Output Bank; Class 2 Power Supply; Input Voltage: 90-264VAC	Tetra MAX Tetra MAX (GEWHMXWA5 & GEWWMXMW5) Tetra MAX (GERDMXL6 & GERCMXL6) Tetra miniMAX Tetra PowerStrip	1 ft. (3 Modules) 1 ft. (2 Modules) 1 ft. (2 Modules) 1 ft. (3 Modules) 1 ft. (1 Module)	17 ft. (51 Modules) 17 ft. (42 Modules) 26 ft. (52 Modules) 12 ft. (30 Modules) 5 ft. (5 Modules)
GEPS12-60	Damp Rated; Self-Contained, Remote or Raceway; 1 Output Bank; Class 2 Power Supply; Input Voltage: 90-264VAC	Tetra MAX Tetra MAX (GEWHMXWA5 & GEWWMXMW5) Tetra MAX (GERDMXL6 & GERCMXL6) Tetra miniMAX Tetra PowerStrip	1 ft. (3 Modules) 1 ft. (2 Modules) 1 ft. (2 Modules) 1 ft. (3 Modules) 1 ft. (1 Module)	54 ft. (162 Modules) 54 ft. (135 Modules) 80 ft. (160 Modules) 36 ft. (90 Modules) 16 ft. (16 Modules)
GEPS12-60U	Damp Rated; Self-Contained, Remote or Raceway; 1 Output Bank; Class 2 Power Supply; Input Voltage: 108-305VAC	Tetra MAX Tetra MAX (GEWHMXWA5 & GEWWMXMW5) Tetra MAX (GERDMXL6 & GERDMXL6) Tetra miniMAX Tetra PowerStrip	1 ft. (3 Modules) 1 ft. (2 Modules) 1 ft. (2 Modules) 1 ft. (3 Modules) 1 ft. (1 Module)	54 ft. (162 Modules) 54 ft. (135 Modules) 80 ft. (160 Modules) 36 ft. (90 Modules) 16 ft. (16 Modules)
GECLPSPHA	Damp-Rated; Self-Contained, Remote, or Raceway; 1 Output Bank; Class 2 Power Supply; Input Voltage: 90-264VAC	Tetra Power White	1 ft. (1 Module)	8.5 ft. (17 Modules)
GECLPSPH	Damp-Rated; Self-Contained, Remote, or Raceway; 4 Output Banks; Class 2 Power Supply; Input Voltage: 90-265VAC	Tetra Power White	4 ft. (8 Modules)	34 ft. (68 Modules)
GEXLPS21	Damp Rated; Self-Contained, Remote or Raceway; 1 Output Bank; Class 2 Power Supply; Input Voltage: 108-265VAC	Tetra Power White XL Tetra Power White XL (3 LED/ft.)	4.5 ft. (9 Modules) 3 ft. (9 Modules)	25.5 ft. (51 Modules) 17 ft. (51 Modules)
GEXLPS21-U	Damp Rated; Self-Contained, Remote or Raceway; 1 Output Bank; Class 2 Power Supply; Input Voltage: 108-305VAC	Tetra Power White XL Tetra Power White XL (3 LED/ft.)	4.5 ft. (9 Modules) 3 ft. (9 Modules)	25.5 ft. (51 Modules) 17 ft. (51 Modules)
GEPS24-20	Damp Rated; Self-Contained, Remote or Raceway; 1 Output Bank; Class 2 Power Supply; Input Voltage: 90-264VAC	Tetra PowerStrip DS Tetra Contour Tetra Contour LS	1 ft. (1 module) 16 in. 8 in.	3 ft. (3 modules) 6 ft. 6 ft.
GEPS24-80	Damp Rated; Self-Contained, Remote or Raceway; 1 Output Bank; Class 2 Power Supply; Input Voltage: 108-264VAC	Tetra PowerStrip DS Tetra Contour Tetra Contour LS	1 ft. (1 module) 16 in. 8 in.	12 ft. (12 Modules) 24 ft. 24 ft.
GEPS24-100U	Damp Rated; Self-Contained, Remote or Raceway; 1 Output Bank; Class 2 Power Supply; Input Voltage: 108-305VAC	Tetra PowerStrip DS Tetra Contour Tetra Contour LS	1 ft. (1 module) 16 in. 8 in.	16 ft. (16 modules) 30 ft. 30 ft.

Technical Support

Our comprehensive in-house resources include installer training, technical drawings, energy calculation tools and private testing labs to ensure every product we sell meets stringent standards of excellence you can depend on. For more information visit us at www.lumination.com or call us at **1-888-MY-GE-LED**.



1975 Noble Road • Cleveland, Ohio 44112-6300 • USA
P: 216.266.4800 • F: 216.266.2158 • www.lumination.com • info@lumination.com

For customer service & technical support, contact:
1-888-MY-GE-LED (1.888.694.3533)

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