



Visibly Better.

Tetra® Signage Systems - Handbook

Current®

Tetra®

Always On.

At Current®, we're inspired by the people who design, craft, live, work & play in spaces. Our award-winning family of brands is dedicated to offering bold integrated solutions, while providing the essential tools for designing connected lighting environments, both indoors and out.

Only Current can provide reliable performance, responsive service, and the uncompromising quality you expect from an industry leader every time, always.

Our Vertical Markets



Commercial

Stores, Offices,
Hotels, Supermarkets,
Restaurants,
Healthcare, Education



Industrial

Manufacturing
Centers,
Warehouses, Food
Processing Plants



Municipal

Roadways,
Residential Streets,
Shared Spaces



Specialty

Signage,
Transportation, Rail,
Refrigerated Display
Lighting

Our Solutions



LED Lighting

Optimize utilities to
end excess energy
spending, promote
safety and improve
aesthetics



Controls, Sensors & IoT Solutions

Improve space
utilization and
increase productivity,
and find actionable
insights with IoT



Energy Management Systems

Establish more
sustainable energy
practices across an
enterprise

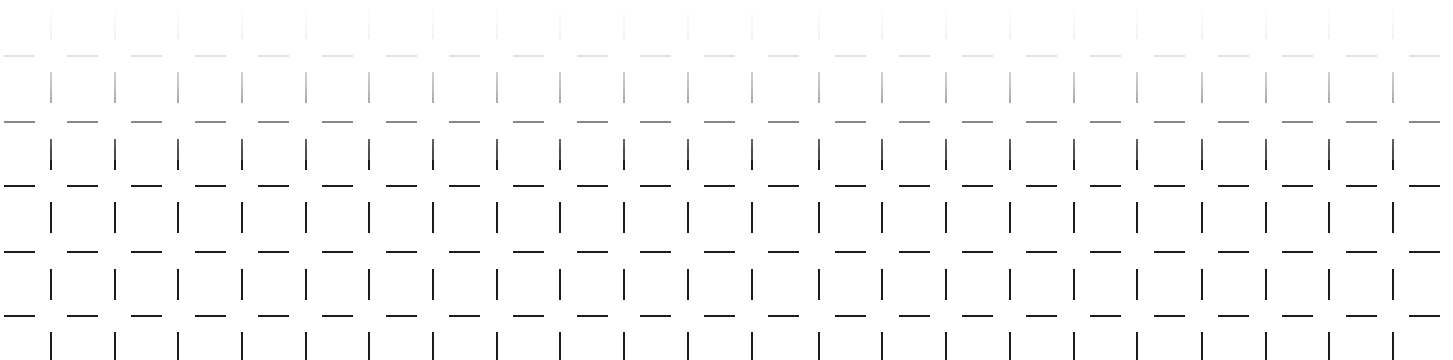
Current

Industry-leading portfolio of innovative product and tech brands.



Current's portfolio of products represents the industry's most extensive collection of lighting and control solutions from the most respected brands. From indoor to industrial, outdoor to roadway, life safety to complex spaces, specialty, signage, and more—we have it all.

Built upon storied innovation, quality and reliability, Current provides specifiers, architects and contractors alike a complete package for any commercial project.



LED Signage Lighting Systems

Channel Letters 12V, 24V

Cabinet Signs

Border & Canopy Lighting System

Power Supplies 12V, 24V

Tetra®

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Tetra®

The Innovator in LED
Signage Lighting.

Current Drives Innovation

For over 130 years, lighting innovations from Current has changed the way we see and light the world—for the brighter. Today, we deliver high efficiency, long-life LED lighting solutions that illuminate signs, streets and cities, promote brand visibility and ensure brilliant operational performance across a wide range of applications for years to come.

We light the world.

Spreading the light Brilliantly.

Tetra®'s high-efficiency, longlife LED signage lighting systems deliver best-in-class performance for channel letter, cabinet sign and border lighting applications.

When compared with standard neon or fluorescent lamps, Tetra® LED systems provide significant energy cost reductions, easier installation, less frequent maintenance and more consistent brightness and uniformity across your signs.

*Only Current
has the depth of
experience that comes
from supplying over 70
million feet of Tetra®
LED lighting systems
across the globe.*

Then, Now, and Next

Tetra® comes from a lighting heritage that is unsurpassed. We developed the very first commercial LED in 1962. Since then, we have pioneered the use of LED solutions into the global phenomenon and the new universal lighting standard we see today.

2001

Tetra launched

The longest-standing brand in signage was established
First to design our own drivers
First to use constant current technology

2004

First multi-bend LED neon replacement

2005

First to develop and use a wide beam angle

2007

First modular LED cabinet sign product

First overmolded module, Tetra CL OptiLens, the first wide beam optic
First to put an optic on every module

2014

First 1:1 fluorescent replacement

LineFit Light is the first true one-to-one fluorescent replacement in the signage industry

2017

First White 24V module

2018

First color 24V module

2020

First micro 24V module
Tetra Snap launched

The industry's first measurementfree, adjustable double-sided cabinet sign product that installs without screws

We build on our innovative 24V platform, bringing never before seen efficiencies to colored LED modules

2021

Tetra Ti-10, First 10-year power supply launched



Channel Letters

24V Systems

Atom
MS
MiniMax
Max
PowerMax
LT
24V Colors

12V Systems

Select TX Gen 4
Tape Gen 2



Scan this code
to view the
webpage



Scan this code
to view the
online design
tool



Scan this
code to view
the spacing
guidelines

Recommended Application for Channel Letters

	CAN DEPTH INCHES													
Tetra 10 yr.	1	1.5	2	2.5	3	4	5	6	7	8	9	10	11	12
Atom	X	X	X	X	X	X	X							
MS			X	X	X	X	X							
miniMAX			X	X	X	X	X							
MAX					X	X	X	X	X					
PowerMAX						X	X	X	X	X	X			
PowerMAX HO							X	X	X	X	X	X	X	X

Letter Height
≥4" (102mm)
≥6" (152mm)
≥12" (305mm)
≥24" (610mm)
≥36" (915mm)
≥36" (915mm)

Min Stroke
>0.40" (10.2mm)
>0.60" (15.3mm)

	CAN DEPTH INCHES													
Tetra LT	1	1.5	2	2.5	3	4	5	6	7	8	9	10	11	12
LT Shallow			X	X	X	X	X							
LT Medium					X	X	X	X	X					
LT Deep						X	X	X	X	X	X	X	X	X

Letter Height
≥12" (305mm)
≥24" (610mm)
≥36" (915mm)

Min Stroke
>0.60" (15.3mm)

	CAN DEPTH INCHES													
Select Gen 4	1	1.5	2	2.5	3	4	5	6	7	8	9	10	11	12
Very Small		X	X	X	X	X								
Small					X	X	X							
Medium					X	X	X	X	X					
Large						X	X	X	X	X	X	X		

Letter Height
≥4" (102mm)
≥6" (152mm)
≥12" (305mm)
≥24" (610mm)

Min Stroke
>0.40" (10.2mm)
>0.60" (15.3mm)

X : Possible Applications
Shaded : Recommended Applications

24V Systems

Atom

Tetra® Atom is a 24V LED system designed for 1-inch deep channel letters, offering uniform, efficient lighting with easy installation and constant current technology for consistent brightness throughout.



SKUs	Wavelength/ CCT	Typical Brightness* Lumens/module	Typical Brightness* Lumens/Ft (Lumens/m)	Energy Consumption Rated Wattage	100W -NA/ GLX2/ TT Power Supply Loading	Package Quantity
GEAM2471-W1	7100K	31	186 (610)	0.25w/module	50 ft (15.2 m)	6 modules per ft 120 modules per strip (20ft/strip) 5 strips per box 600 modules per box
GEAM2465-W1	6500K	31	186 (610)	0.25w/module	50 ft (15.2 m)	
GEAM2450-W1	5000K	31	186 (610)	0.25w/module	50 ft (15.2 m)	
GEAM2441-W1	4100K	31	186 (610)	0.25w/module	50 ft (15.2 m)	
GEAM2432-W1	3200K	31	168 (551)	0.25w/module	50 ft (15.2 m)	

MS

Tetra® MS is a 24V LED system designed for small 1.5-inch deep channel letters, providing uniform, efficient lighting with easy installation.



SKUs	Wavelength/ CCT	Typical Brightness* Lumens/module	Typical Brightness* Lumens/Ft (Lumens/m)	Energy Consumption Rated Wattage	100W -NA/ GLX2/ TT Power Supply Loading	Package Quantity
GEMS2471-W1	7100K	27.5	110 (361)	0.24W/module	90.5 ft (27.6 m)	4 modules per ft 80 modules per strip (20ft/strip) 5 strips per box 400 modules per box
GEMS2465-W1	6500K	27.5	110 (361)	0.24W/module	90.5 ft (27.6 m)	
GEMS2450-W1	5000K	27.5	110 (361)	0.24W/module	90.5 ft (27.6 m)	
GEMS2441-W1	4100K	27.5	110 (361)	0.24W/module	90.5 ft (27.6 m)	
GEMS2432-W1	3200K	25	100 (328)	0.24W/module	90.5 ft (27.6 m)	

MiniMAX

Tetra® miniMAX White is a 24V LED system tailored for small to medium channel letters with a depth of 1.5 inches, delivering highly uniform, efficient lighting with straightforward installation.



SKUs	Wavelength/CCT	Typical Brightness* Lumens/module	Typical Brightness* Lumens/Ft (Lumens/m)	Energy Consumption Rated Wattage	100W -NA/ GLX2/ TT Power Supply Loading	Package Quantity
GEMM2471-W1	7100K	55	110 (361)	0.35w/module	118.5 ft (36.1 m)	2 modules per ft 40 modules per strip (20ft/strip) 5 strips per box 200 modules per box
GEMM2465-W1	6500K	55	110 (361)	0.35w/module	118.5 ft (36.1 m)	
GEMM2457-W1	5700K	55	110 (361)	0.35w/module	118.5 ft (36.1 m)	
GEMM2450-W1	5000K	55	110 (361)	0.35w/module	118.5 ft (36.1 m)	
GEMM2441-W1	4100K	55	110 (361)	0.35w/module	118.5 ft (36.1 m)	
GEMM2432-W1	3200K	50	100 (328)	0.35w/module	118.5 ft (36.1 m)	

*Typical performance at 25°C +/- 10%

**GEPS24LT-100U-NA or GEPS24-100U-TT

24V Systems

MAX



Tetra® MAX modules feature a 25% smaller white module with 161 lm/W efficiency and a 175° viewing angle, ensuring uniform sign face illumination across a wider range of applications.

SKUs	Wavelength/ CCT	Typical Brightness* Lumens/module	Typical Brightness* Lumens/Ft (Lumens/m)	Energy Consumption Rated Wattage	100W -NA/GLX2/ TT Power Supply Loading	Package Quantity
GEMX2471-W1S	7100K	100	150 (492)	0.62 W/module	92.6 ft (28.2 m)	2 modules per ft 40 modules per strip (20ft/strip) 5 strips per box 200 modules per box
GEMX2465-W1S	6500K	100	150 (492)	0.62 W/module	92.6 ft (28.2 m)	
GEMX2457-W1S	5700K	100	150 (492)	0.62 W/module	92.6 ft (28.2 m)	
GEMX2450-W1S	5000K	100	150 (492)	0.62 W/module	92.6 ft (28.2 m)	
GEMX2441-W1S	4100K	100	150 (492)	0.62 W/module	92.6 ft (28.2 m)	
GEMX2432-W1S	3200K	90	135 (443)	0.62 W/module	92.6 ft (28.2 m)	

PowerMAX



Tetra® PowerMAX is a 24V LED system engineered for 4-inch deep channel letters and cabinet signs, offering highly uniform, efficient lighting with simple installation.

SKUs	Wavelength/ CCT	Typical Brightness* Lumens/ module	Typical Brightness* Lumens/Ft (Lumens/m)	Energy Consumption Rated Wattage	100W -NA/GLX2/ TT Power Supply Loading	Package Quantity
GEPM2471-W1	7100K	133	200 (656)	0.84w/module	68.6 ft (20.9 m)	1.5 modules per ft 30 modules per strip (20ft/strip) 5 strips per box 150 modules per box
GEPM2465-W1	6500K	133	200 (656)	0.84w/module	68.6 ft (20.9 m)	
GEPM2457-W1	5700K	133	200 (656)	0.84w/module	68.6 ft (20.9 m)	
GEPM2450-W1	5000K	133	200 (656)	0.84w/module	68.6 ft (20.9 m)	
GEPM2441-W1	4100K	133	200 (656)	0.84w/module	68.6 ft (20.9 m)	
GEPM2432-W1	3200K	120	180 (590)	0.84w/module	68.6 ft (20.9 m)	

Accessories

SKUs	Description	Package Quantity
GETMEC1	18 AWG Wire End Caps (0.82 mm²)	100/bag
9409	18 AWG Supply Wire (0.82 mm²)	500ft (152.40m)/spool
191600041	22-14 AWG Twist-on Wire Connector (0.33-2.08 mm²)	500/bag
192160004	18-14 AWG In-Line Splice Connector (0.82-2.08 mm²)	500/bag

*Typical performance at 25°C +/- 10%
**GEPS24LT-100U-NA or GEPS24-100U-TT

24V Systems

LT

24V Performance. Everyday value. Tetra® LT offers unparalleled levels of value and performance in channel letters of all sizes.

SKUs	CCT	Typical Brightness* Lumens/ module	Typical Brightness* Lumens/Ft (Lumens/m)	Energy Consumption Rated Wattage	100W -NA/GLX2/ TT Power Supply Loading	Package Quantity
GELTD2471-1	7100K	173	242 (795)	160	57 ft/80 modules	1.4 modules per ft 112 modules per strip (80ft/strip) 4 strips per box 160 modules per box
GELTD2465-1	6500K	173	242 (795)	160	57 ft/80 modules	
GELTD2450-1	5000K	180	252 (827)	167	57 ft/80 modules	
GELTD2441-1	4100K	180	252 (827)	167	57 ft/80 modules	
GELTM2471-1	7100K	113	170 (558)	154	80 ft/120 modules	1.5 modules per ft 120 modules per strip (80ft/strip) 4 strips per box 120 modules per box
GELTM2465-1	6500K	113	170 (558)	154	80 ft/120 modules	
GELTM2450-1	5000K	115	173 (566)	156	80 ft/120 modules	
GELTM2441-1	4100K	115	173 (566)	156	80 ft/120 modules	
GELTS2471-1	7100K	58	116 (379)	161	120 ft/240 modules	2 modules per ft 160 modules per strip (80ft/strip) 4 strips per box 448 modules per box
GELTS2465-1	6500K	58	116 (379)	161	120 ft/240 modules	
GELTS2450-1	5000K	60	120 (394)	167	120 ft/240 modules	
GELTS2441-1	4100K	60	120 (394)	167	120 ft/240 modules	

24V Colors

Tetra® 24V Colors are a twist on the MiniMax and Max color modules with an upgraded build and performance.

Order Code	Wavelength (nm)	Typical Brightness* (Lumens/ module)	Typical Brightness* Lumens/ft (Lumens/m)	Efficacy/ Module (Lumens/W)	Energy Consumption* Rated Module Wattage	100W -NA/GLX2/ TT Power Supply Loading	Package Quantity
GEMM24RD-W1S	625	15	30 (98)	44	0.34W/module	128 ft (39 m)/256 modules	2 modules per ft 40 modules per strip (20ft/strip) 5 strips per box 200 modules per box
GEMM24BL-W1S	470	11	22 (72)	23	0.48W/module	90 ft (27 m)/179 modules	
GEMM24GL-W1S	530	35	70 (230)	135	0.26W/module	163 ft (50 m)/326 modules	
GEMM24PO-W1S	605	19	38 (123)	41	0.46W/module	94 ft (29 m)/188 modules	
GEMXH24RD-W1S	625	32	48 (157)	44	0.72W/module	79 ft (24 m)/119 modules	1.5 modules per ft 30 modules per strip (20ft/strip) 5 strips per box 150 modules per box
GEMX24RD-W1S	625	20	30 (98)	43	0.46W/module	125 ft (38 m)/188 modules	
GEMX24BL-W1S	470	15	23 (74)	24	0.62W/module	92 ft (28 m)/138 modules	
GEMX24GL-W1S	530	44	66 (217)	138	0.32W/module	177 ft (54 m)/265 modules	
GEMX24YG-W1S	589	15	23 (74)	39	0.38W/module	149 ft (46 m)/224 modules	
GEMX24PO-W1S	605	25	38 (123)	42	0.70W/module	82 ft (25 m)/123 modules	
GEMX24RC-W1S	615	16	24 (79)	36	0.38W/module	149 ft (46 m)/224 modules	

*Typical performance at 25°C +/- 10%
 **GEPS24LT-100U-NA or GEPS24-100U-TT

12V Systems

Select Gen4

White



Trusted technology with exceptional value, from the brand you can trust. Our 12V family is available in four different module sizes and three different colors.

SKUs	CCT	Typical Brightness* (Lumens/module)	Typical Brightness* Lumens/Ft (Lumens/m)	Module/foot	Energy	Efficacy (Lumens/Watt)*	Power Supply Loading 60W	Max Loading in Series	Module/Strip	Package Quantity (Strips/box)
Very Small GESEVXX-4	3000K, 6500K, 7200K	44	264 (866)	6	0.30w/module	147	38 ft (12 m) (192 modules)	96 modules	192	10
Small GESESXX-4	3000K, 6500K, 7200K	87	148 (485)	1.7	0.60w/module	145	59 ft (18 m) (99 modules)	40 modules	99	9
Medium GESEMXX-4	3000K, 6500K, 7200K	125	188 (615)	1.5	0.90w/module	139	45 ft (14 m) (66 modules)	36 modules	66	12
Large GESELXX-4	3000K, 6500K, 7200K	160	240 (787)	1.5	1.14w/module	140	34 ft (10 m) (50 modules)	27 modules	50	15

Colors

SKUs	CCT	Typical Brightness* (Lumens/module)	Typical Brightness* Lumens/Ft (Lumens/m)	Module/foot	Energy	Efficacy (Lumens/Watt)*	Power Supply Loading 60W	Max Loading in Series	Module/Strip	Package Quantity (Strips/box)
Large Red GESELRD-4	625nm	16	24 (79)	1.5	0.53w/module	30	67 ft (20 m) (99 modules)	95 modules	99	8
Large Blue GESELBL-4	460nm	13	19 (62)	1.5	0.82w/module	15	45 ft (14 m) (66 modules)	65 modules	66	12
Large Green GESELGL-4	520nm	43	64 (209)	1.5	0.70w/module	61	57 ft (17 m) (84 modules)	76 modules	84	9

Tape Gen 2

Slim and flexible, it is ideal for applications as shallow as 1 inch and includes a self-adhesive backing, slashing installation labor costs.



Model	CCT	Typical Brightness (Lumens/module)	Energy Consumption (Watts per foot)	Power Supply Loading (Length/60W)	LED color	Package Quantity
GETP60-2	6000K	146	1.37	32.8 ft/10 m	White	5 reels per box 16'4" per reel
GETPH60-2	6000K	327	3.22	13 ft/4 m	White	
GETP50-2	5000K	147	1.37	32.8 ft/10 m	Warm White	
GETPH50-2	5000K	329	3.22	13 ft/4 m	Warm White	
GETP40-2	4000K	146	1.37	32.8 ft/10 m	Warm White	
GETPH40-2	4000K	327	3.22	13 ft/4 m	Warm White	
GETP35-2	3500K	146	1.37	32.8 ft/10 m	Warm White	
GETPH35-2	3500K	327	3.22	13 ft/4 m	Warm White	
GETPRD-2	625nm	38	1.08	39 ft/12 m	Red	
GETPGL-2	527nm	70	0.75	49 ft/15 m	Green	
GETPBL-2	460nm	21	1.37	32.8 ft/10 m	Blue	

*Typical performance at 25°C +/- 10%



Cabinet Signs

Snap DS
Snap SS
LT Stick SS
LT Stick DS
EdgeStrip
Slim EdgeStrip



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the spacing
guidelines

Recommended Application for Single Sided Cabinets

	CAN DEPTH INCHES											
Tetra 10 yr.	2	2.5	3	4	5	6	7	8	9	10	11	12
MS	X	X	X									
miniMAX	X	X	X	X								
MAX			X	X	X	X	X					
PowerMAX				X	X	X	X	X	X			
PowerMAX HO					X	X	X	X	X	X	X	X

Tetra LT	2	2.5	3	4	5	6	7	8	9	10	11	12
LT Shallow			X	X	X							
LT Medium			X	X	X	X	X					
LT Deep				X	X	X	X	X	X	X	X	X

Select Gen 4	2	2.5	3	4	5	6	7	8	9	10	11	12
Small			X	X	X							
Medium			X	X	X	X	X					
Large				X	X	X	X	X	X	X		

Sticks	2	2.5	3	4	5	6	7	8	9	10	11	12
Tetra Stick					X	X	X	X	X	X	X	X
Tetra Stick HO							X	X	X	X	X	X
LT Stick					X	X	X	X	X	X	X	X

Edge Lighting	2	2.5	3	4	5	6	7	8	9	10	11	12
Slim EdgeStrip	X	X	X	X	X							
EdgeStrip				X	X	X	X	X				

Recommended Application for Double-Sided Cabinets

	CAN DEPTH INCHES													
Tetra 10 yr.	2	3	4	6	8	10	12	14	16	18	20	22	24	up to 36
Tetra Snap						X	X	X	X	X	X	X	X	X

Tetra Stick						X	X	X	X	X	X	X	X	
Tetra Stick HO							X	X	X	X	X	X	X	X
LT Stick						X	X	X	X	X	X	X	X	

Edge Lighting														
Slim EdgeStrip	X	X	X	X										
EdgeStrip			X	X	X									

Snap DS

Double-sided module that snaps into an extrusion, allowing brightness levels to be customized for cabinet signs from 10" to over 36" in depth.



SKUs	Wavelength/ CCT	Typical Brightness* Lumens/ module	Typical Brightness* Lumens/Ft (Lumens/m)	Voltage	LEDs/ Module	Energy Consumption** Rated/system (W)	Power Supply Loading	Package Quantity
GEDS71-3 GEDS65-3 GEDS57-3 GEDS50-3 GEDS41-3	7100K, 6500K, 5700K, 5000K, 4100K	400	Regular output: 600 High output: 750 Ludicrous mode: 1000	24V	8	2.6/3.1	GLX: 32 modules (22.8 ft)/ 100W PS	32 modules per bag, 7 bags (224 modules) per box
GEDS32-3	3200K	360	Regular output: 540 High output: 675 Ludicrous mode: 900				GLX2/TT: 33 modules (23.5 ft)/ 100W PS	

Snap SS

Single-sided module that snaps into an extrusion, for customizable brightness levels. One-size-fits-all product for large channel letters and cabinet signs.

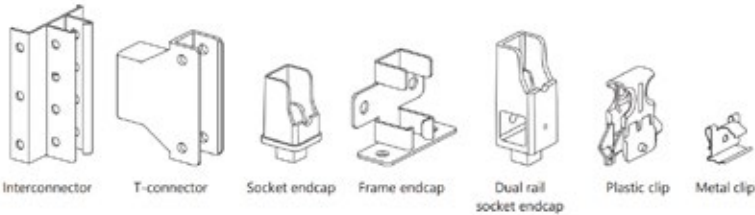


SKUs	Wavelength/ CCT	Typical Brightness* Lumens/ module	Typical Module Brightness* (No Rail) (Lumens/foot)	Typical Brightness* Lumens/foot	Voltage	LEDs/ Module	Energy Consumption** Rated/system (W)	Power Supply Loading	Package Quantity
GEPMH2471-W1X GEPMH2465-W1X GEPMH2457-W1X GEPMH2450-W1X GEPMH2441-W1X	7100K, 6500K, 5700K, 5000K, 4100K	200	280	Regular output: 300 High output: 375 Ludicrous mode: 500	24V	4	1.3/1.9	GLX: 64 modules (45.7 ft)/ 100W PS GLX2/TT: 66 modules (47.1 ft)/ 100W PS	64 modules per bag, 4 bags (256 modules) per box
GEPMH2432-W1X	3200K	180	252	Regular output: 270 High output: 338 Ludicrous mode: 450					

*Typical performance at 25°C +/- 10%
**GEPS24LT-100U-NA or GEPS24-100U-TT

Accessories

	Model number	Description	Package Quantity
Snap SS	GESSPC-3	Plastic clip for single-sided Snap module	256
	GESSMC-3	Metal clip for single-sided Snap module	256
	GESSDR-3	Dual rail socket endcap	40
Snap SS & Snap DS	GEDSIC-3	Interconnector (to join two sections of rail)	20
	GEDSTC-3	T-connector (to install perpendicular rails in a grid pattern)	20
	GEDSFE-3	Frame endcap (for mounting directly to sign structures)	40
	GEDSSE-3	Socket endcap (for mounting in existing sockets)	40
	GEDSRL08-3	8 ft. rail	20



Fast, convenient and easy-to-install cabinet sign retrofit solution using LT modules, with industry-leading efficiency, and an optical performance with a robust design.

LT Stick SS



Model	T12 Length (in)	Actual Length (in)	Modules per Stick	Lumens per Stick	Watts per Stick	Sticks per 100W -NA/GLX2/TT Power Supply	Package Quantity
GELT1SS01871	18	15.91	2	346	2.16	40	5 sticks per box
GELT1SS02471	24	21.91	3	519	3.24	26	
GELT1SS03071	30	27.91	3	519	3.24	26	
GELT1SS03671	36	33.91	4	692	4.32	20	
GELT1SS04271	42	39.91	4	692	4.32	20	
GELT1SS04871	48	45.91	5	865	5.40	16	
GELT1SS06071	60	57.91	6	1,038	6.48	13	
GELT1SS06471	64	61.91	7	1,211	7.56	11	
GELT1SS07271	72	69.91	8	1,384	8.64	10	
GELT1SS08471	84	81.91	9	1,557	8.40	8	
GELT1SS09671	96	93.91	10	1,730	10.80	8	
GELT1SS10871	108	105.91	12	2,076	12.96	6	
GELT1SS11771	117	114.91	13	2,249	14.04	6	
GELT1SS12071	120	117.91	13	2,249	14.04	6	

LT Stick DS



Model	T12 Length (in)	Actual Length (in)	Modules per Stick	Lumens per Stick	Watts per Stick	Sticks per 100W -NA/GLX2/TT Power Supply	Package Quantity
GELT1DS01871	18	15.91	4	692	4.32	20	5 sticks per box
GELT1DS02471	24	21.91	6	1,038	6.48	13	
GELT1DS03071	30	27.91	6	1,038	6.48	13	
GELT1DS03671	36	33.91	8	1,384	8.64	10	
GELT1DS04271	42	39.91	8	1,384	8.64	10	
GELT1DS04871	48	45.91	10	1,730	10.8	8	
GELT1DS06071	60	57.91	12	2,076	12.96	6	
GELT1DS06471	64	61.91	14	2,422	15.12	5	
GELT1DS07271	72	69.91	16	2,768	17.28	5	
GELT1DS08471	84	81.91	18	3,114	19.44	4	
GELT1DS09671	96	93.91	20	3,460	21.60	4	
GELT1DS10871	108	105.91	24	4,152	25.92	3	
GELT1DS11771	117	114.91	26	4,498	28.08	3	
GELT1DS12071	120	117.91	26	4,498	28.08	3	

Accessories

SKU	Description	Package Quantity
93020091	Sockets for new construction	6 sets per box (12 total)

EdgeStrip



Product	Wavelength/ CCT	Typical Brightness* Lumens/module	LEDs per Module	Energy Consumption Rated Wattage	Energy Consumption** System Wattage	100W Power Supply Loading	Packaging
Tetra EdgeStrip	7100K, 5000K 4100K, 3200K	300 282	7	2.52w/module	2.96w/module	36 Modules	2 strips per box (32 modules) per box
Tetra Edgestrip High Output	7100K, 5000K 4100K, 3200K	550 500	7	5.40w/module	6.17w/module	17 Modules	

Slim EdgeStrip



Product	CCT	Typical Brightness* Lumens/module	Typical Brightness* Lumens/Ft (Lumes/m)	LEDs/ Module	Efficacy/ Module Lumens/ Watt	Energy Consumption* Module Wattage	100W GLX Power Supply Loading**	Package Quantity
Tetra Slim EdgeStrip	6500K, 5000K	157	236 (785)	3	109	1.44W/module	57 Modules (37.5 ft)	1 strip per bag 5 bags (150 modules) per box
Tetra Slim EdgeStrip High Output	6500K, 5000K	235	353(1175)	3	108	2.16W/module	38 Modules (25 ft)	

*Typical performance at 25°C +/- 10%
**GEPS24LT-100U-NA or GEPS24-100U-TT



Border and Canopy Signs

Contour Flex
Contour Gen 2
EdgeLine
LightLine
Batten Gen 3



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Contour Flex

Contour Flex is a flexible neon replacement system that can be easily formed into custom shapes and designs to fit a wide variety of applications.



Specification Item	Wavelength Color Temp	Typical Brightness* lumens/ft light engine)	LEDs per Module	Energy Consumption* (Strip/ft)	Power Supply Loading -NA/ GLX2/TT** (ft/100W)	Box Quantity
GEXNFS32-1	3200K	65	21	1.4W/ft	62	12 x 8 ft lengths / box
GEXNFS65-1	6500K	78	21	1.4W/ft	62	
GEXNFSRD-1	625nm	21	21	1.4W/ft	62	
GEXNFSGL-1	532nm	40	21	1.4W/ft	62	
GEXNFSBL-1	467nm	7	21	1.4W/ft	62	
GEXNFSYG-1	589nm	15	21	1.4W/ft	62	
GEXNFSRC-1	618nm	30	21	1.4W/ft	62	

Accessories

SKU	Description	Quantity
93150450	TETRA Contour Flex Endcap GEXNFEC-1	20/box
93150511	TETRA Contour Flex Mounting Clip GEXNPMC-1	20/box
93150512	TETRA Contour Flex Rail GEXNFRL-1	20/box
GEXNWB2	Weather Box	20/bag

Contour Gen 2

Tetra® Contour Gen 2 is a flexible LED light that can be easily formed to fit a wide variety of designs and applications.



SKUs	Wavelength Color Temp	Typical Brightness* lumens/ft(light engine)	LEDs per Module	Energy Consumption* (Strip/ft)	Power Supply Loading -NA/ GLX2/TT** (ft/100W)	Box Quantity
GEXNS65-2	6500K	123	28	1.9W/ft	46	12 x 8 ft lengths / box
GEXNS32-2	3200K	120	28	1.9W/ft	46	
GEXNSRD-2	625nm	35	21	1.4W/ft	62	
GEXNSGL-2	532nm	100	28	1.9W/ft	46	
GEXNSBL-2	467nm	24	28	1.9W/ft	46	
GEXNSYG-2	589nm	37	28	1.9W/ft	46	
GEXNSRC-2	618nm	40	28	1.9W/ft	46	
GEXNB32-2	3200K	120	28	1.9W/ft	46	
GEXNB65-2	6500K	123	28	1.9W/ft	46	
GEXNBRD-2	625nm	35	21	1.4W/ft	62	
GEXNBGL-2	532nm	100	28	1.9W/ft	46	
GEXNBBL-2	467nm	24	28	1.9W/ft	46	
GEXNBYG-2	589nm	37	28	1.9W/ft	46	
GEXNBRC-2	618nm	40	28	1.9W/ft	46	

*Typical performance at 25°C +/- 10%
**GEPS24LT-100U-NA or GEPS24-100U-TT

Contour Gen 2 Accessories

Type (product)	SKU	Description
Wire	9409	18 AWG (0.82mm ²) Supply Wire 500 ft. (152.40 m) per spool 2 wire
	191600041	22-14 AWG Twist-on Wire Connector (0.82-2.08 mm ²) 500/bag
Weather Box	GEXNWB2	Weather Box 20/bag White, Paintable Surface
Bend Aid	GEXNBA	Tetra Contour Silicone Bend-Aid (Reusable) 12/bag Unit Length: 16 in. (406mm)
Light Guide Mounting Clip	GEXNMC15	Tetra Contour Light Guide Clear Mounting Clip 50/bag
	GEXNMCML-15	GEXNMCML-15 - Tetra Contour Light Guide Metal Mounting Clip 50/bag
Light Engine Mounting Clip	GEXNMCAC	Tetra Contour Light Engine Mounting Clip 20/bag White, Paintable Surface
Light Engine Silicone End Cap	93150449	GEXNSL-2 Tetra Contour Gen 2 Light Engine Field Sleeve 20/bag Sold by the bag
Light Guide Inside Corners	GEBLXNLGH15	Tetra Contour Light Guide 90° Inside Corner Blue 20/bag
	GEGLXNLGH15	Tetra Contour Light Guide 90° Inside Corner Green 20/bag
	GEPOXNLGH15	Tetra Contour Light Guide 90° Inside Corner Orange 20/bag
	GERDXNLGH15	Tetra Contour Light Guide 90° Inside Corner Red 20/bag
	GEXNLGH15	Tetra Contour Light Guide 90° Inside Corner White 20/bag
	GEYAXNLGH15	Tetra Contour Light Guide 90° Inside Corner Yellow 20/bag
Light Guide Outside Corners	GEBLXNLGO15	Tetra Contour Light Guide 90° Outside Corner Blue 20/bag
	GEGLXNLGO15	Tetra Contour Light Guide 90° Outside Corner Green 20/bag
	GEPOXNLGO15	Tetra Contour Light Guide 90° Outside Corner Orange 20/bag
	GERDXNLGO15	Tetra Contour Light Guide 90° Outside Corner Red 20/bag
	GEXNLGO15	Tetra Contour Light Guide 90° Outside Corner White 20/bag
	GEYAXNLGO15	Tetra Contour Light Guide 90° Outside Corner Yellow 20/bag
Light Guide Planar Corners	GEBLXNLGP15	Tetra Contour Light Guide 90° Planar Corner Blue 20/bag
	GEGLXNLGP15	Tetra Contour Light Guide 90° Planar Corner Green 20/bag
	GEPOXNLGP15	Tetra Contour Light Guide 90° Planar Corner Orange 20/bag
	GERDXNLGP15	Tetra Contour Light Guide 90° Planar Corner Red 20/bag
	GEXNLGP15	Tetra Contour Light Guide 90° Planar Corner White 20/bag
	GEYAXNLGP15	Tetra Contour Light Guide 90° Planar Corner Yellow 20/bag
Light Guide Inline Connectors	GEBLXNLGC15	Tetra Contour Light Guide Connector Blue 20/bag
	GEGLXNLGC15	Tetra Contour Light Guide Connector Green 20/bag
	GEPOXNLGC15	Tetra Contour Light Guide Connector Orange 20/bag
	GERDXNLGC15	Tetra Contour Light Guide Connector Red 20/bag
	GEXNLGC15	Tetra Contour Light Guide Connector White 20/bag
	GEYAXNLGC15	Tetra Contour Light Guide Connector Yellow 20/bag
Light Guide End Caps	GEBLXNLGEC15	Tetra Contour Light Guide End Cap Blue 20/bag
	GEGLXNLGEC15	Tetra Contour Light Guide End Cap Green 20/bag
	GEPOXNLGEC15	Tetra Contour Light Guide End Cap Orange 20/bag
	GERDXNLGEC15	Tetra Contour Light Guide End Cap Red 20/bag
	GEXNLGEC15	Tetra Contour Light Guide End Cap White 20/bag
	GEYAXNLGEC15	Tetra Contour Light Guide End Cap Yellow 20/bag

EdgeLine



Tetra® EdgeLine excels in wall wash and canopy lighting with its slim form factor, making it ideal for tight spaces. Its symmetric optical design ensures bright, even light distribution exactly where needed.

Model	CCT	Typical Brightness* Lumens/bar	Typical Wattage* (W)	25W Power Supply	80W Power Supply	100W -NA/ GLX2/ TT Power Supply	200W GLX2 Power Supply	300W GLX2 Power Supply	Maximum light bars in series connection (s)
GELW4865-1	6500K	2600	16.7	1 bar/ 3 ft. 11.4 in (1.2 m)	4 bars/ 15 ft. 9.5 in. (4.81m)	5 bars/ 19 ft. 9 in. (6.02 m)	5 bars/ 19 ft. 9 in. (6.02 m) per bank	5 bars/ 19 ft. 9 in. (6.02 m) per bank	3 bars/ 11 ft. 10-1/8 in. (3.61 m) 10 bars/box
							10 bars/ 39 ft. 6 in. (12 m) per PS	15 bars/ 59 ft. 3 in. (18.06 m) per PS	

*Typical performance at 25°C +/- 10%
**GEPS24LT-100U-NA or GEPS24-100U-TT

LightLine



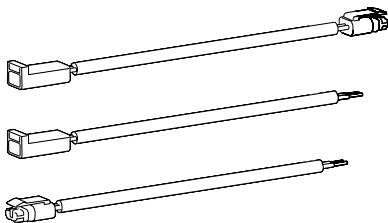
Tetra® LightLine delivers exceptional performance in tight spaces where functional lighting is needed, with a versatile design for both individual and continuous row mounting. Its improved design minimizes gaps between fixtures, allows corner wrapping without jumper cables, and features a polycarbonate construction that protects against moisture, dust, and damage.

Model	CCT	Typical Brightness* Lumens/ bar	Typical Wattage* (W)	25W Power Supply	60W Power Supply	100W -NA/GLX2/ TT Power Supply	200W GLX2 Power Supply	300W GLX2 Power Supply	Maximum light bars in series connection (s)
GELL4850-1	5000K	1500	16.7	1 bar/3.9 ft. (1.20 m)	3 bars / 12.6 ft. (3.61 m)*	5 bars / 19.7 ft. (6.02 m)	5 bars/ 19.7 ft. (6.02 m) per bank	5 bars/ 19.7 ft. (6.02 m) per	3 bars /11.8 ft. (3.61 m)
GELL4841-1	4100K	1480					10 bars/ 39.4 ft. (12.04 m) per PS	15 bars/ 59.1 ft. (18.06 m) per PS	10 bars/box

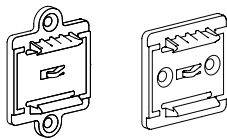
*Typical performance at 25C +/- 10%

Accessories

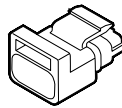
SKU	Model Number	Description	Package Quantity
88818	Wet Clip-Std	Standard Mounting Clip	12 clips per bag
10734	Wet Clip-Slim	Slim Mounting Clip	12 clips per bag
93315267	Sealed Cap and gasket LightLine	Sealed cap and gasket for field cuts	20
93155838	Sealed Connector Cover	Cover to terminate the connector	50
93155625	GE-JC24IN-66M-66F	Jumper cable to add cable length between bars	10
93155627	GE-LC24IN-66F	24" (609 mm) leader cable with IP66 female connector	10
93155628	GE-LC24IN-66M	24" (609 mm) leader cable with IP66 male connector	10



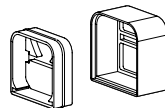
Jumper & leader cables



Mounting clips



Connector sealing cover



Seal Gasket and Cap



Batten Gen 3

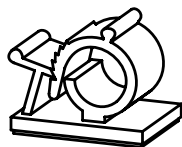
The Batten Gen 3 provides outstanding performance in tight spaces where practical lighting is essential, with a design that supports both individual mounting and continuous rows. Its improved design reduces gaps between fixtures and allows corner wrapping without the need for jumper cables.

Specification Item	Model	CCT	Lumens Per Fixture (Typical)	Input Current (AMPs/ fixture) @120V	Energy Consumption (System/Module)	Maximum Bars per Interconnected Run or M19 18AWG Leader Cable	Dimensions L x W x H	Package Quantity
Batten LED Luminaire Gen 3 2ft - High Output	GEWH2430BAT-3	3000K*	1901	0.137	16.3	35	24.7 x 1.31 x 1.84	4 bars/box
	GEWH2435BAT-3	3500K*	2001					
	GEWH2440BAT-3	4000K*	2031					
	GEWH2450BAT-3	5000K*	2131					
	GEWH2471BAT-3	7100K	2170					
Batten LED Luminaire Gen 3 4ft - High Output	GEWH4830BAT-3	3000K*	3326	0.241	28.6	20	46.7 x 1.31 x 1.84	
	GEWH4835BAT-3	3500K*	3501					
	GEWH4840BAT-3	4000K*	3555					
	GEWH4850BAT-3	5000K*	3730					
	GEWH4871BAT-3	7100K	3797					
Batten LED Luminaire 8ft - High Output	GEWH9630BAT-3	3000K*	6653	0.481	57.1	10	90.9 x 1.31 x 1.84	
	GEWH9635BAT-3	3500K*	7002					
	GEWH9640BAT-3	4000K*	7110					
	GEWH9650BAT-3	5000K*	7459					
	GEWH9671BAT-3	7100K	7549					
Batten LED Luminaire Gen 3 4ft - HO Red	GEWH48RDBAT-3	625nm	775	0.135	16.0	36	24.7 x 1.31 x 1.84	
Batten LED Luminaire Gen 3 6ft - HO Red	GEWH72RDBAT-3	625nm	1352	0.235	27.9	20	46.7 x 1.31 x 1.84	
Batten LED Luminaire Gen 3 8ft - HO Red	GEWH96RDBAT-3	625nm	1550	0.270	32.1	18	90.9 x 1.31 x 1.84	
Batten LED Luminaire Gen 3 4ft - HO Blue	GEWH48BLBAT-3	460nm	316	0.151	17.9	32	24.7 x 1.31 x 1.84	
Batten LED Luminaire Gen 3 6ft - HO Blue	GEWH72BLBAT-3	460nm	541	0.263	31.2	18	46.7 x 1.31 x 1.84	
Batten LED Luminaire Gen 3 8ft - HO Blue	GEWH96BLBAT-3	460nm	632	0.301	35.8	16	90.9 x 1.31 x 1.84	

*DLC Listed

Accessories

SKU	Description	Long Description	Package Quantity
93312351	GE-JB-BAT3	Junction Box	1 Junction Box kit per bag
93142247	GECA30A18-CC10B	10' M19 leader cable, dimming	1 Leader Cable per bag
93142252	GECA30A18-CF02B	2' M19 jumper cable, dimming	1 Jumper Cable per bag
93142249	GECA30A18-CD06B	6' (1.8 m) Leader with 5-15P Plug, non-dimming	1 Cable per bag
88818	Wet Clip-Std	Standard Mounting Clip	12 Clips per bag
10734G	Wet Clip-Slim	Slim Mounting Clip	12 Clips per bag
35-414067-01	Nylon Wire Clip	Cable clamps to secure fixture connection cables	100 Clamps per bag



Nylon Wire Clip



Power Supplies 24V

Specifications	GEPS24-25U-NA	GEPS24-100U-TT	GEPS24LT-100U-NA	GEPS24D-100U-GLX	GEPS24-200U-GLX2	GEPS24-300U-GLX2
SKU	93117578	93117578	95054945	93159243	93117798	93137799
Nominal Voltage	120V - 277VAC $\pm$ 10%	120-277V $\pm$ 10%	120-277V $\pm$ 10%	120-277V $\pm$ 10%	120-277V $\pm$ 10%	120-277V $\pm$ 10%
Line Current	0.1 (277VAC), 0.3 (120VAC)	1.1-0.36A	0.95A	0.95A	1.92-0.83A	2.55-1.1A
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Protection Class: (EU Class I, II, III)	Class II	Class II	N/A	N/A	Class I	Class I
Number of Ourput Channels	1	1	1	1	2	3
Ouput Voltage	24VDC $\pm$ 1VDC	24VDC $\pm$ 1VDC, per output channel	24VDC $\pm$ 1VDC, per output channel	24VDC $\pm$ 1VDC	24VDC $\pm$ 1VDC, per output channel	24VDC $\pm$ 1VDC, per output channel
Output Power	25W, Iout $\leq$ 1.1A	96W, Iout $\leq$ 4A , per output channel	99.6W, Iout $\leq$ 4.15A , per output	96W, Iout $\leq$ 4A	96W, Iout $\leq$ 4A , per output channel	96W, Iout $\leq$ 4A , per output channel
Power Factor	>0.9 @ full load across nominal input voltage	>0.9 @ full load across nominal input voltage	>0.9 @ full load across nominal input voltage	>0.95 @ full load across nominal input voltage	>0.9 @ full load across nominal input voltage	>0.9 @ full load across nominal input voltage
Operating Temperature Range, Ta	25°C to 50°C	-40°C to 60°C	-40°C to 55°C	-40°C to 55°C	-40°C to 60°C	-40°C to 60°C
Operating Humidity	10% to 95% non-condensing	10% to 95% non-condensing	10% to 90% non-condensing	10% to 90% non-condensing	10% to 95% non-condensing	10% to 95% non-condensing
Warranty @ 100% Duty Cycle, Tc=45°C	5 years	10 years	5 years	5 years	5 years	5 years
Dimmable	No	No	No	Yes	No	No
Geometry (LxWxH)	6 in. x 1.6 in. x 1.2 in. (153 mm x 40 mm x 30 mm)	9.5 in. x 1.7 in. x 1.1 in. (241 mm x 43.2 mm x 28 mm)	9.5 in * 1.7 inch * 1.0 in (241mm * 43.2mm * 25.4mm)	9.5 in. x 1.7 in. x 1.0 in. (241 mm x 43.1 mm x 25.4 mm)	19.5 in. x 2.4 in. x 1.6 in. (495.5 mm x 61.6 mm x 40.2 mm)	15.7 in. x 5.1 in. x 1.3 in. (400.0 mm x 130.6 mm x 32.6 mm)
Suitable for Fixtures with Protection Class	UL Class 2	UL Class 2	UL Class 2	UL Class 2, Type HL, Class P	UL Class 2, SELV	UL Class 2, SELV
Approvals (Certificates)	UL	UL	UL	UL	UL, UKCA	UL, UKCA



Power Supplies 12V

Specifications	GEPS12D-60U-GLX2	GEPS12SE-60U-NA	GEPS12-25U-NA	GEPS12-60U-NA
SKU	93313085	93090288G		93313084
Nominal Voltage	120-277V $\pm$ 10%	120-277V $\pm$ 10%	120V - 277VAC $\pm$ 10%	120-277V $\pm$ 10%
Line Current	0.6A (max)	0.65A	0.1 (277VAC), 0.3 (120VAC)	0.65A
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Protection Class: (EU Class I/II/III)	Class I	N/A	N/A	N/A
Number of Output Channels	1	1	1	1
Output Voltage	12VDC $\pm$ 0.6/-0.4VDC	12VDC $\pm$ 1VDC	12VDC $\pm$ 1VDC	12VDC $\pm$ 1VDC
Output Power	60W, Iout $\leq$ 5.0A	60W, Iout $\leq$ 5.0A	25W, Iout $\leq$ 2.0A	60W, Iout $\leq$ 5.0A
Power Factor	>0.95 @ full load across nominal input voltage	>0.9 @ full load across nominal input voltage	>0.9 @ full load across nominal input voltage	>0.9 @ full load across nominal input voltage
Operating Temperature Range, Ta	-40°C to 55°C	-40°C to 60°C	-25°C to 50°C	-40°C to 60°C
Operating Humidity	10% to 90% non-condensing	10% to 95% non-condensing	10% to 95% non-condensing	10% to 95% non-condensing
Warranty @ 100% Duty Cycle, Tc=45°C	5 years	5 years	5 years	5 years
Dimmable:	Yes (0-10V)	No	No	
Geometry (L×W×H)	5.83 in. x 1.80 in. x 1.00 in. (148.2 mm x 45.6 mm x 25.4 mm)	9.5 in. x 1.7 in. x 1.2 in. (241 mm x 43.2 mm x 31 mm)	6 in. x 1.6 in. x 1.2 in. (153 mm x 40 mm x 30 mm)	9.5 in. x 1.7 in. x 1.2 in. (241 mm x 43.2 mm x 31 mm)
Suitable for Fixtures with Protection Class	UL Class 2, SELV	UL Class 2	UL Class 2	UL Class 2
Approvals (Certificates)	UL, CE, UKCA	UL	UL	UL

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Tetra Catalog



Spacing Guidelines

