

Tetra® LT Stick

CABINET SIGN LIGHTING SYSTEMS

Stick with the brand you can trust

Tetra® LT Stick takes all the advantages of our 24V LED LT channel letter modules, and brings them to cabinet signs in an easily-installed system. The **Tetra® LT Stick** fits directly into existing sockets and requires fewer power supplies than competitors' offerings, thanks to its best-in-class loading, greatly reducing material, installation and energy costs.

Current

Powerful OptiLens™ X

Tetra® LT Stick features OptiLens™ X, our patented technology that allows for an incredible 165° viewing angle. This exclusive technology redirects otherwise wasted light to the sign face, making sure your signs shine.

Best-in-class loading

The 24V Tetra® LT Stick loads to an impressive four 96" double-sided sticks per 100W power supply.

New Design

The new 24V Tetra® LT Stick is featured with two end wires which allows you to connect LT Sticks and create a daisy chain installation; and an extra rigid extrusion that can be installed horizontally without central support.

Total Reliability

To ensure every Tetra® LT Stick installation will operate brilliantly for years, we perform the most extensive, stringent testing in the industry. We test the LED, water and dust ingress protection, sub-system and complete system at our in-house and independent laboratories around the world. Validation of our designs, components, products and processes include high temperature, high humidity and accelerated life testing.



Tetra® LT Stick Features

- Wide 165° beam angle
- Efficacy: 160 lm/W
- 24 Volt DC, Class 2 (UL)
- UL Dry or Damp Rated
- 10-year limited warranty

Recommended Spacing

	Depth from Stick to Face	Max Coverage
Tetra® LT Stick	4" (102 mm)	8" (203 mm)
	5" (127 mm)	12" (305 mm)
	≥ 7" (178 mm)	18" (457 mm))

Accessories

SKU	Description	Package Quantity
93020091	LFL-LED Sockets	6 sets per box (12 total)

Nomenclature

With 114 different product options to choose from, you can easily customize your Tetra ® LT Stick to perfectly fit your application. To make sure you order the right product the first time, please create your own personal product using the below product code tables:

GELT	--	--	---	71
Product Identifier	**Generation**	**Configuration**	**T-12 Length**	**Color Temperature**
GELT = GE LT Stick	1 = Gen 1	SS = Single Sided	018 = 18"	71 = 7100K
		DS = Double Sided	024 = 24"	
			030 = 30"	
			036 = 36"	
			042 = 42"	
			048 = 48"	
			060 = 60"	
			064 = 64"	
			072 = 72"	
			084 = 84"	
			096 = 96"	
			108 = 108"	
			117 = 117"	
			120 = 120"	

Specifications – Single Sided

SKU	T12 Length (in)	Actual Length (in)	Modules per Stick	Lumens per Stick	Watts per Stick	Sticks per 100W GLX2 Power Supply	Part Number
93313176	18	15.91	2	346	2.16	40	GELT1SS01871
93313206	24	21.91	3	519	3.24	26	GELT1SS02471
93313207	30	27.91	3	519	3.24	26	GELT1SS03071
93313208	36	33.91	4	692	4.32	20	GELT1SS03671
93313209	42	39.91	4	692	4.32	20	GELT1SS04271
93313210	48	45.91	5	865	5.40	16	GELT1SS04871
93313211	60	57.91	6	1,038	6.48	13	GELT1SS06071
93313212	64	61.91	7	1,211	7.56	11	GELT1SS06471
93313213	72	69.91	8	1,384	8.64	10	GELT1SS07271
93313214	84	81.91	9	1,557	8.40	8	GELT1SS08471
93313215	96	93.91	10	1,730	10.80	8	GELT1SS09671
93313216	108	105.91	12	2,076	12.96	6	GELT1SS10871
93313217	117	114.91	13	2,249	14.04	6	GELT1SS11771
93313218	120	117.91	13	2,249	14.04	6	GELT1SS12071

Specifications – Double Sided

SKU	T12 Length (in)	Actual Length (in)	Modules per Stick	Lumens per Stick	Watts per Stick	Sticks per 100W GLX2 Power Supply	Part Number
93313219	18	15.91	4	692	4.32	20	GELT1DS01871
93313220	24	21.91	6	1,038	6.48	13	GELT1DS02471
93313221	30	27.91	6	1,038	6.48	13	GELT1DS03071
93313222	36	33.91	8	1,384	8.64	10	GELT1DS03671
93313223	42	39.91	8	1,384	8.64	10	GELT1DS04271
93313224	48	45.91	10	1,730	10.8	8	GELT1DS04871
93313225	60	57.91	12	2,076	12.96	6	GELT1DS06071
93313226	64	61.91	14	2,422	15.12	5	GELT1DS06471
93313227	72	69.91	16	2,768	17.28	5	GELT1DS07271
93313228	84	81.91	18	3,114	19.44	4	GELT1DS08471
93313229	96	93.91	20	3,460	21.60	4	GELT1DS09671
93313230	108	105.91	24	4,152	25.92	3	GELT1DS10871
93313231	117	114.91	26	4,498	28.08	3	GELT1DS11771
93313232	120	117.91	26	4,498	28.08	3	GELT1DS12071

Additional Specifications

Dimmable	Yes (with dimmable power supply)				
Quantity per Box	5				
Cutting Resolution	Cut on wire between every module				
Power Supply	GEPS24-25U-NA Input: 108-305VAC; Output: 24VDC GEPS24D-100U-NA Input: 120-277 VAC; Output: 24VDC GEPS24-100U Input: 108-305VAC; Output: 24VDC GEPS24-200U Input: 90-305VAC; Output: 24VDC GEPS24-300U Input: 108-305VAC; Output: 24VDC				
Maximum Supply Wire Limits		**18 AWG/0.82 mm² Supply Wire**	**16 AWG/1.31 mm² Supply Wire**	**14 AWG/2.08 mm² Supply Wire**	**12 AWG/3.31 mm² Spply Wire**
	25W Power Supply	120 ft./36.6 m	-	-	-
	100W Power Supply	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m
	180W Power Supply	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m
	300W Power Supply	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 m
Operating Environment	-40 °C to +60 °C (-40 °F to +140 °F)				
Warranty	Limited system warranty of up to ten (10) years				
System Certifications	UL Recognized (C-US) #E219167 for dry, damp or wet locations, UL Classified (C-US) #E229508, IP66 rated.				

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