



Your **LIFESTYLE FURNITURE** *Store*

Tetra[®] Stick

CABINET SIGN LIGHTING SYSTEMS

Stick with the brand
you can trust

Tetra[®] Stick takes all the advantages of our 24V LED channel letter modules, and brings them to cabinet signs in an easily-installed system. The **Tetra[®] 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.

Powerful OptiLens™ X

Tetra® Stick features OptiLens™ X, our patented technology that allows for an incredible 170° 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® Stick loads to an impressive five 84" double-sided sticks per 100W power supply.

Improved stroke spacing and installation

The new 24V Tetra® Stick stroke spacing is impressive, requiring less product, thanks to the new OptiLens™ X wide beam angle and increased light output. Tetra® Stick is available in two end wire lengths, making installation a snap and allowing customers to customize their products to their needs.

Total Reliability

To ensure every Tetra® 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® Stick Features

- Available with PowerMAX or PowerMAX HO modules
- Wide 170° beam angle
- Efficacy: 156 lm/W (PowerMAX)
50 lm/W (PowerMAX HO)
- 24 Volt DC, Class 2 (UL), Class III (IEC)
- UL Dry or Damp Rated
- 10-year limited warranty

Recommended Spacing

	Depth from Stick to Face	Recommended Spacing
Tetra® Stick single-sided PowerMAX and PowerMAX HO	5" (127 mm)	12" (305 mm)
	6" (152 mm)	14" (356 mm)
	7" (178 mm)	16" (406 mm)
	≥ 8-12" (203-305 mm)	18" (457 mm)

For full spacing guidelines, please see page 65

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® 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:

GETS	--	--	---	71	--	1
Product Identifier	Module Type	Configuration	T-12 Length	Color Temperature	Whip Length	Product Generation
GETS	PM = PowerMAX	SS = Single Sided	O18 = 18" T-12	71 = 7100K	A = 3'	1 = Gen1
	PH = PowerMAX HO	DS = Double Sided	O24 = 24" T-12		B = 6'	
			O30 = 30" T-12			
			O36 = 36" T-12			
			O42 = 42" T-12			
			O48 = 48" T-12			
			O60 = 60" T-12			
			O64 = 64" T-12			
			O72 = 72" T-12			
			O84 = 84" T-12			
			O96 = 96" T-12			
			O108 = 108" T-12			
			O117 = 117" T-12			
			O120 = 120" T-12			

Specifications – Single Sided PowerMAX

"T12 Length (in)"	"Actual Length (in)"	Modules per Stick	Lumens per Stick	Watts per Stick	Sticks per 100W GLX Power Supply	"Sticks per 100W GLX2 Power Supply"	Whip Length	Part Number
18	15.91	2	266	1.7	47	51	3 ft / 6 ft	GETSPMSS01871A1 / GETSPMSS01871B1
24	21.91	3	399	2.5	32	34	3 ft / 6 ft	GETSPMSS02471A1 / GETSPMSS02471B1
30	27.91	3	399	2.5	32	34	3 ft / 6 ft	GETSPMSS03071A1 / GETSPMSS03071B1
36	33.91	4	532	3.4	24	25	3 ft / 6 ft	GETSPMSS03671A1 / GETSPMSS03671B1
42	39.91	5	665	4.2	19	20	3 ft / 6 ft	GETSPMSS04271A1 / GETSPMSS04271B1
48	45.91	6	798	5.0	16	17	3 ft / 6 ft	GETSPMSS04871A1 / GETSPMSS04871B1
60	57.91	7	931	5.9	14	14	3 ft / 6 ft	GETSPMSS06071A1 / GETSPMSS06071B1
64	61.91	8	1,064	6.7	12	12	3 ft / 6 ft	GETSPMSS06471A1 / GETSPMSS06471B1
72	69.91	9	1,197	7.6	11	11	3 ft / 6 ft	GETSPMSS07271A1 / GETSPMSS07271B1
84	81.91	10	1,330	8.4	10	10	3 ft / 6 ft	GETSPMSS08471A1 / GETSPMSS08471B1
96	93.91	12	1,596	10.1	8	8	3 ft / 6 ft	GETSPMSS09671A1 / GETSPMSS09671B1
108	105.91	13	1,729	10.9	7	7	3 ft / 6 ft	GETSPMSS10871A1 / GETSPMSS10871B1
117	114.91	14	1,862	11.8	7	7	3 ft / 6 ft	GETSPMSS11771A1 / GETSPMSS11771B1
120	117.91	15	1,995	12.6	6	6	3 ft / 6 ft	GETSPMSS12071A1 / GETSPMSS12071B1

Specifications – Double Sided PowerMAX

"T12 Length (in)"	"Actual Length (in)"	Modules per Stick	Lumens per Stick	Watts per Stick	Sticks per 100W GLX Power Supply	"Sticks per 100W GLX2 Power Supply"	Whip Length	Part Number
18	15.91	4	532	3.4	24	25	3 ft / 6 ft	GETSPMDS01871A1 / GETSPMDS01871B1
24	21.91	6	798	5.0	16	17	3 ft / 6 ft	GETSPMDS02471A1 / GETSPMDS02471B1
30	27.91	6	798	5.0	16	17	3 ft / 6 ft	GETSPMDS03071A1 / GETSPMDS03071B1
36	33.91	8	1,064	6.8	12	12	3 ft / 6 ft	GETSPMDS03671A1 / GETSPMDS03671B1
42	39.91	10	1,330	8.4	10	10	3 ft / 6 ft	GETSPMDS04271A1 / GETSPMDS04271B1
48	45.91	12	1,596	10.0	8	8	3 ft / 6 ft	GETSPMDS04871A1 / GETSPMDS04871B1
60	57.91	14	1,862	11.8	7	7	3 ft / 6 ft	GETSPMDS06071A1 / GETSPMDS06071B1
64	61.91	16	2,128	13.4	6	6	3 ft / 6 ft	GETSPMDS06471A1 / GETSPMDS06471B1
72	69.91	18	2,394	15.2	5	5	3 ft / 6 ft	GETSPMDS07271A1 / GETSPMDS07271B1
84	81.91	20	2,660	16.8	5	5	3 ft / 6 ft	GETSPMDS08471A1 / GETSPMDS08471B1
96	93.91	24	3,192	20.2	4	4	3 ft / 6 ft	GETSPMDS09671A1 / GETSPMDS09671B1
108	105.91	26	3,458	21.8	3	3	3 ft / 6 ft	GETSPMDS10871A1 / GETSPMDS10871B1
117	114.91	28	3,724	23.6	3	3	3 ft / 6 ft	GETSPMDS11771A1 / GETSPMDS11771B1
120	117.91	30	3,990	25.2	3	3	3 ft / 6 ft	GETSPMDS12071A1 / GETSPMDS12071B1

Specifications – Single Sided PowerMAX HO

"T12 Length (in)"	"Actual Length (in)"	Modules per Stick	Lumens per Stick	Watts per Stick	Sticks per 100W GLX Power Supply	"Sticks per 100W GLX2 Power Supply"	Whip Length	Part Number
18	15.91	2	360	2.4	33	36	3 ft / 6 ft	GETSPHSSO1871A1 / GETSPHSSO1871B1
24	21.91	3	540	3.6	22	24	3 ft / 6 ft	GETSPHSSO2471A1 / GETSPHSSO2471B1
30	27.91	3	540	3.6	22	24	3 ft / 6 ft	GETSPHSSO3071A1 / GETSPHSSO3071B1
36	33.91	4	720	4.8	16	18	3 ft / 6 ft	GETSPHSSO3671A1 / GETSPHSSO3671B1
42	39.91	5	900	6.0	13	14	3 ft / 6 ft	GETSPHSSO4271A1 / GETSPHSSO4271B1
48	45.91	6	1,080	7.2	11	12	3 ft / 6 ft	GETSPHSSO4871A1 / GETSPHSSO4871B1
60	57.91	7	1,260	8.4	9	10	3 ft / 6 ft	GETSPHSSO6071A1 / GETSPHSSO6071B1
64	61.91	8	1,440	9.6	8	9	3 ft / 6 ft	GETSPHSSO6471A1 / GETSPHSSO6471B1
72	69.91	9	1,620	10.8	7	8	3 ft / 6 ft	GETSPHSSO7271A1 / GETSPHSSO7271B1
84	81.91	10	1,800	12.0	7	7	3 ft / 6 ft	GETSPHSSO8471A1 / GETSPHSSO8471B1
96	93.91	12	2,160	14.4	6	6	3 ft / 6 ft	GETSPHSSO9671A1 / GETSPHSSO9671B1
108	105.91	13	2,340	15.6	5	5	3 ft / 6 ft	GETSPHSS10871A1 / GETSPHSS10871B1
117	114.91	14	2,520	16.8	5	5	3 ft / 6 ft	GETSPHSS11771A1 / GETSPHSS11771B1
120	117.91	15	2,700	18.0	4	4	3 ft / 6 ft	GETSPHSS12071A1 / GETSPHSS12071B1

Specifications – Double Sided PowerMAX HO

"T12 Length (in)"	"Actual Length (in)"	Modules per Stick	Lumens per Stick	Watts per Stick	Sticks per 100W GLX Power Supply	"Sticks per 100W GLX2 Power Supply"	Whip Length	Part Number
18	15.91	4	720	4.8	16	18	3 ft / 6 ft	GETSPHDSO1871A1 / GETSPHDSO1871B1
24	21.91	6	1,080	7.2	11	12	3 ft / 6 ft	GETSPHDSO2471A1 / GETSPHDSO2471B1
30	27.91	6	1,080	7.2	11	12	3 ft / 6 ft	GETSPHDSO3071A1 / GETSPHDSO3071B1
36	33.91	8	1,440	9.6	8	9	3 ft / 6 ft	GETSPHDSO3671A1 / GETSPHDSO3671B1
42	39.91	10	1,800	12.0	7	7	3 ft / 6 ft	GETSPHDSO4271A1 / GETSPHDSO4271B1
48	45.91	12	2,160	14.4	5	6	3 ft / 6 ft	GETSPHDSO4871A1 / GETSPHDSO4871B1
60	57.91	14	2,520	16.8	5	5	3 ft / 6 ft	GETSPHDSO6071A1 / GETSPHDSO6071B1
64	61.91	16	2,880	19.2	4	4	3 ft / 6 ft	GETSPHDSO6471A1 / GETSPHDSO6471B1
72	69.91	18	3,240	21.6	4	4	3 ft / 6 ft	GETSPHDSO7271A1 / GETSPHDSO7271B1
84	81.91	20	3,600	24.0	3	3	3 ft / 6 ft	GETSPHDSO8471A1 / GETSPHDSO8471B1
96	93.91	24	4,320	28.8	3	3	3 ft / 6 ft	GETSPHDSO9671A1 / GETSPHDSO9671B1
108	105.91	26	4,680	31.2	2	2	3 ft / 6 ft	GETSPHDS10871A1 / GETSPHDS10871B1
117	114.91	28	5,040	33.6	2	2	3 ft / 6 ft	GETSPHDS11771A1 / GETSPHDS11771B1
120	117.91	30	5,400	36.0	2	2	3 ft / 6 ft	GETSPHDS12071A1 / GETSPHDS12071B1

Additional Specifications

Dimmable	Yes (with dimmable power supply)				
Quantity per Box	5				
Cutting Resolution	Cut on wire between every module				
Power Supply	GEPS24-25-NA Input: 100-305VAC; Output: 24VDC GEPS24D-80U Input: 90-305VAC; 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 Supply Wire"
	25W Power Supply	120 ft./36.6 m	-	-	-
	80W Power Supply	20 ft./6.1 m	25 ft./7.6 m	35 ft./10.6 m	40 ft./12.1 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, UL Classified (C-US) #E229508, CE, ROHS for dry or damp location.				