

# Tetra<sup>®</sup> LED Lighting System Spacing Guide



# Spacing Guidelines

## Channel Letter Guidelines

WHITE & COLORED PRODUCTS			LETTER STROKE	MAX. SPACING BETWEEN MULTIPLE STRINGS			HALO LIT**			
24V Tetra Module	Can Depth	Density (Mod/Ft)	Standard	Standard	Dark Vinyl	Perf. Vinyl	2X Can Depth	Density	Letter Stroke	
<b>Atom</b> (GEAM24XX-W1)	1"	2" (6/ft)	2"	1.5"			1"	2"	2" (6/ft)	4"
	1.5"		4"	2.5"			1.5"	3"		
	2"		6"	5"			2"	4"		
	3" - <6"		7"				3" - 5"	N/A		
<b>MS</b> (GEMS24XX-W1)	1.5"	2" (6/ft)	4"	3"	3"	3"	3"	3" (4/ft)	4"	
	2"	2.4" (5/ft)	5"	4"	3"	3"	4"			
	2.5"		6.5"	5.5"	4.5"	3.5"	5"			
	3"	3" (4/ft)	8"	7"	6"	5"	6"			
	4"		11"	10"	9"	8"	8"			
	≥5"		14"	13"	12"	12"	N/A	N/A	N/A	
<b>miniMAX</b> (GEMM24XX-W1)	1.5"	3" (4/ft)	4"	3"	3"	3"	3"	4.8" (2.5/ft)	4"	
	2"	4" (3/ft)	5"	4"			5"	4"		
	2.5"		6.5"	5.5"	4.5"	3.5"	5"			
	3"	4.8" (2.5/ft)	8"	7"	6"	5"	6"			
	4"		11"	10"	9"	8"	8"			
≥5"	6" (2/ft)	14"	13"	12"	12"	N/A	N/A			
<b>MAX</b> (GEMX24XX-W1S)	3"	6" (2/ft)	8"	7"	6"	5"	6"	8" (1.5/ft)	4"	
	4"	8" (1.5/ft)	11"	10"	9"	8"	8"		5"	
	5"		14"	13"	12"	11"	10"	N/A	N/A	
	≥6"		17"	16"	15"	14"	N/A	N/A		
<b>PowerMAX</b> (GEPM24XX-W1)	3"	6" (2/ft)	8"	7"	6"	5"	6"	8" (1.5/ft)	4"	
	4"	8" (1.5/ft)	11"	10"	9"	8"	8"		5"	
	5"		14"	13"	12"	11"	10"	N/A	N/A	
<b>Snap SS (-W1X)</b> <b>PowerMAX HO</b> (GEPMH24XX-W1CS1)	5"	<b>Snap SS:</b> 8" (1.5/ft) <b>PowerMAX HO:</b> 12" (1/ft)	14"	13"	12"	11"	N/A Only used in special applications	TBD	5"	
	6"		17"	16"	15"	14"			6"	
	7"		19"	18"	17"	16"			N/A	
	≥8"		21"	20"	19"	18"			N/A	

WHITE & COLORED PRODUCTS			LETTER STROKE	MAX. SPACING BETWEEN MULTIPLE STRINGS			HALO LIT**		
12V Select TX	Can Depth	Density (Mod/Ft)	Standard	Standard	Dark Vinyl	Perf. Vinyl	2X Can Depth	Density	Letter Stroke
<b>Very Small</b> (GESEV65-3)	2"	2" (6/ft)	5"	4"	3"	3"	4"	4.8"	4"
	3"	4" (3/ft)	7"	6"	5"	5"	6"		6"
	≥4"	4.8" (2.5/ft)	10"	9"	8"	8"	8"		9"
<b>Small</b> (GESES65-3)	3"	4" (3/ft)	7"	7"	6"	6"	6"	7"	7"
	4"	6" (2/ft)	10"	9"	8"	8"	8"		9"
	5"	7" (1.7/ft)	13"	12"	11"	11"	N/A	N/A	N/A
	≥6"		16"	15"	14"	14"			
<b>Medium</b> GESEM65-3 GESEMRD-2 GESEMBL-2 GESEMGL-2	3"	4" (3/ft)	7"	7"	6"	6"	6"	8"	7"
	4"	6" (2/ft)	9"	9"	8"	8"	8"		9"
	5"	8" (1.5/ft)	13"	12"	11"	11"	10"	12"	
	6"		16"	15"	14"	14"	N/A	N/A	
	≥7"		19"	18"	17"	17"			
<b>Large</b> (GESEL65-3)	4"	6" (2/ft)	10"	9"	8"	8"	8"	8"	9"
	5"	8" (1.5/ft)	13"	12"	11"	11"	10"		12"
	6"		16"	15"	14"	14"	N/A	N/A	
	7"		19"	18"	17"	17"			
	≥8"		22"	21"	20"	20"			

\*\* Light travels into the sign and reflects back thus traveling twice (2x) the can depth.

# Cabinet Sign Guidelines

NB Module	Can Depth	Stroke Width
NB2000	10-12"	10"
	12-14"	12"
	14-16"	
	16-18"	
	18-20"	
	20-22"	
22-24"		

Tetra Linefit Light	Can Depth	Stroke Width
LineFit Light	10-12"	10"
	12-14"	12"
	14-16"	13"
	16-18"	14"
	18-20"	15"
	20-22"	16"
	22-24"	

Tetra Stick	Can Depth	Stroke Width
Single Sided Stick	5" - <6"	12"
	6" - <7"	14"
	7" - <8"	16"
	8" - <13"	18"
	13" - <15"	14"
Double Sided Stick	10" - <12"	12"
	12" - <14"	14"
	14" - <16"	16"
	16" - <25"	18"
	25" - <29"	14"
Single Sided Stick HO	5" - <6"	12"
	6" - <7"	14"
	7" - <8"	16"
	8" - <13"	18"
	13" - <15"	16"
	15" - <17"	14"
Double Sided Stick HO	17" - <19"	12"
	10" - <12"	12"
	12" - <14"	14"
	14" - <16"	16"
	16" - <24"	18"
	25" - <29"	16"
29" - <33"	14"	
33" - <37"	12"	

Tetra Powerstrip	Can. Depth	Stroke Width	Module To Module Spacing
Single Sided PowerStrip & Single Sided PowerStrip High Output	5-6"	10"	12"
	6-7"	12"	12"
	7-8"	13"	13"
	8-9"	14"	14"
	9-10"	15"	15"
	10-11"	16"	16"
Single Sided PowerStrip HO	11-12"	17"	16"
	12-18"	18"	16"
Double Sided PowerStrip & Double Sided PowerStrip High Output	18"	12"	16"
	10-12"	10"	12"
	12-14"	12"	12"
	14-16"	13"	13"
	16-18"	14"	14"
	18-20"	15"	15"
	20-22"	16"	16"
	22-24"	17"	16"
Double Sided PowerStrip HO	24-36"	18"	16"
	36"	12"	16"

Tetra Snap	Depth	Max Stroke
Single Sided	5"	13"
	6"	16"
	7"	18"
	8"	20"
Double Sided	10" - <12"	13"
	12" - <14"	16"
	14" - <16"	18"
	>16"	20"

Tetra EdgeStrip															
Width		Standard	HO	Standard	HO	Standard	HO	Standard	HO	Standard	HO	Standard	HO	Standard	HO
1ft	Sides	1	1	1	1	1	1	1	2	1	2	1	2	1	1
	Modules/side	1	1	2	1	3	1	4	1	5	1	6	1	7	7
2ft	Sides	1	1	1	1	1	1	1	1	1	2	1	2	1	1
	Modules/side	2	1	3	2	5	2	6	4	8	2	9	2	11	7
3ft	Sides	1	1	1	2	2	1	2	1	2	1	2	1	2	1
	Modules/side	3	1	5	1	5	3	6	4	8	5	9	6	11	7
4ft	Sides	1	2	1	1	2	1	4	2	4	2	4	2	4	2
	Modules/side	4	1	6	4	6	4	6	4	6-8	4	6-9	4	6-11	7
5ft	Sides	1	2	1	2	2	1	4	2	Not recom.	2	Not recom.	2	Not recom.	2
	Modules/side	5	1	8	2	8	5	6-8	4		5		5		5
6ft	Sides	1	2	1	2	2	1	4	2	Not recom.	2	Not recom.	2	Not recom.	2
	Modules/side	6	1	9	2	9	6	6-9	4		5		6		6
7ft	Sides	1	1	1	1	2	1	4	2	Not recom.	2	Not recom.	2	Not recom.	2
	Modules/side	7	7	11	7	11	7	6-11	7		7		7		7
Height		1ft		2ft		3ft		4ft		5ft		6ft		7ft	

Recommended EdgeStrip can depth is 3-5". Recommended EdgeStrip HO can depth is 5-8". Please note that the spacing distances listed above are the maximum recommended. Smaller spacing distances can be used.

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