

Tetra[®] 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	
Atom (GEMM24XX-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		
MS (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"			2.4" (5/ft)
≥5"	14"		13"	12"	12"	N/A	N/A			
miniMAX (GEMM24XX-W1)	1.5"	3" (4/ft)	4"	3"	3"	3"	3"	4.8" (2.5/ft)	4"	
	2"	4" (3/ft)	5"	4"			4"			
	2.5"		6.5"	5.5"	4.5"	3.5"	5"	6" (2/ft)		
	3"	4.8" (2.5/ft)	8"	7"	6"	5"	6"	4.8" (2.5/ft)		
	4"	6" (2/ft)	11"	10"	9"	8"	8"	N/A		
≥5"	14"		13"	12"	12"	N/A	N/A			
MAX (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	
	≥6"		17"	16"	15"	14"	N/A		N/A	
PowerMAX (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	
	≥6"		17"	16"	15"	14"	N/A		N/A	
Snap SS (-W1X) PowerMAX HO (GEPMH24XX-W1CS1)	5"	Snap SS: 8" (1.5/ft) PowerMAX HO: 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	

12V Select TX									
WHITE & COLORED PRODUCTS			LETTER STROKE	MAX. SPACING BETWEEN MULTIPLE STRINGS			HALO LIT**		
	Can Depth	Density (Mod/Ft)	Standard	Standard	Dark Vinyl	Perf. Vinyl	2X Can Depth	Density	Letter Stroke
Very Small (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"
Small (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"	11"		N/A
Medium GESEM65-3 GESEMRD-2 GESEMBL-2 GESEMGL-2	≥6"		16"	15"	14"	14"	N/A	N/A	N/A
	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"	N/A	N/A		
Large (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.

Tetra LT									
WHITE PRODUCTS			LETTER STROKE	MULTIPLE STRINGS			HALO LIT		
Module	Can Depth	Density (Mod/ft)	Standard	Standard	Dark Vinyl	Perf. Vinyl	2X Can Depth	Density	Letter Stroke
LT Shallow	3"	4.8" (2.5/ft)	7"	6"	5"	5"	6	4.8" (2.5/ft)	4"
	4"	6" (2/ft)	10"	9"	8"	8"	8	6" (2/ft)	4"
	≥5"		13"	12"	11"	11"	10	N/A	N/A
LT Medium	3"	6" (2/ft)	7"	6"	5"	5"	6	8" (1.5/ft)	4"
	4"	8" (1.5/ft)	10"	9"	8"	8"	8		4"
	5"		13"	12"	11"	11"	10		4"
	≥6"	16"	15"	14"	14"	N/A	N/A	N/A	
LT Deep	4"	8" (1.5/ft)	10"	9"	9"	9"	8	8" (1.5/ft)	4"
	5"	8.57" (1.4/ft)	13"	12"	12"	12"	10		4"
	6"		16"	15"	15"	15"	N/A	N/A	N/A
	≥7"	19"	18"	18"	18"				

Cabinet Sign Guidelines

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		7							
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		7							
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.

Tetra Stick	Can Depth	Stroke Width
Single Sided Stick	5" - <6"	12"
	6" - <7"	14"
	7" - <8"	16"
	8" - <13"	18"
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 Slim EdgeStrip Spacing			
Modules/ft	Can Depth	Coverage (1 side)	Coverage (2 sides)
2.5	2"	2 ft	4 ft
2	3"	2 ft	4 ft
	≥4"		

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"

Select TX Cuttable Light Bar / Tetra Rigid Light Bar		
	Depth	Space Between Bars
Plastic and Fabric Faces	2"	7"
	3"	12"
	4"	15"
	5"	18"



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