

Tetra Spacing Guidelines

LED SIGNAGE LIGHTING SYSTEMS

Spacing 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 (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				
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"	2.4" (5/ft)		
	4"		11"	10"	9"	8"	8"			
	≥5"		14"	13"	12"	12"	N/A	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"	4.8" (2.5/ft)		
	≥5"		14"	13"	12"	12"	N/A	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	N/A	
	≥6"	17"	16"	15"	14"	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	N/A	
	≥6"	17"	16"	15"	14"	14"	N/A	N/A		
Snap SS (-W1X) PowerMAX HO (GEPMH24XX-W1CS1)	5"	Snap SS: 8" (1.5/ft)	14"	13"	12"	11"	N/A Only used in special applications	TBD	5"	
	6"		17"	16"	15"	14"			6"	
	7"	PowerMAX HO: 12" (1/ft)	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"	N/A	N/A	N/A
	≥6"		16"	15"	14"	14"			
Medium 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	N/A
	≥7"		19"	18"	17"	17"			
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	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"	8" (1.5/ft)	7"	6"	5"	5"	6	8" (1.5/ft)	4"
	4"		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"		13"	12"	12"	12"	10		4"
	6"		16"	15"	15"	15"	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.	Not recom.
	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"
	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"
	17" - <19"	12"
Double Sided Stick HO	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		
Plastic and Fabric Faces	Depth	Space Between Bars
	2"	7"
	3"	12"
	4"	15"
	5"	18"