

Tetra[®] LED Lighting System Spacing Guide



current
powered by GE



Channel Letter & Cabinet Sign 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
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"		
≥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"	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-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"		14"	13"	12"	11"	10"		
	≥6"		17"	16"	15"	14"	N/A	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"		14"	13"	12"	11"	10"		
	≥6"		17"	16"	15"	14"	N/A	N/A	N/A
PowerMAX HO (GEPMH24XX-W1)	5"	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 GEN 2	CAN DEPTH		DENSITY (MOD/FT)	STANDARD	STANDARD	DARK VINYL	PERF. VINYL	2X CAN DEPTH	DENSITY
Very Small (GESEV65-2)	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 (GESES65-2)	3"	4" (3/ft)	7"	7"	6"	6"	6"	7"	7"
	4"	6" (2/ft)	10"	9"	8"	8"	8"		
	5"	7" (1.7/ft)	13"	12"	11"	11"	N/A	N/A	N/A
	≥6"		16"	15"	14"	14"			
Medium (GESEM65-2, 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"		
	5"	8" (1.5/ft)	13"	12"	11"	11"	10"		N/A
	6"		16"	15"	14"	14"			
	≥7"		19"	18"	17"	17"	N/A	N/A	N/A
Large (GESEL65-2)	4"	6" (2/ft)	10"	9"	8"	8"	8"	8"	9"
	5"	8" (1.5/ft)	13"	12"	11"	11"	10"		
	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

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"
Double Sided PowerStrip HO	20-22"	16"	16"
	22-24"	17"	16"
Double Sided PowerStrip HO	24-36"	18"	16"
	36"	12"	16"

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
Tetra Stick Single Sided PowerMAX & Single Sided PowerMAX HO	5-6"	12"
	6-7"	14"
	7-8"	16"
	8-12"	18"
Tetra Stick Double Sided PowerMAX & Double Sided PowerMAX HO	10-12"	12"
	12-14"	14"
	14-16"	16"
	16-24"	18"

		TETRA EDGESTRIP														
		Standard		HO		Standard		HO		Standard		HO		Standard		HO
Width	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		2		2		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	2	2	2			
		Modules/side	7	7	11	7	11	7	6-11	7	7	7	Not recom.			
		1ft	2ft		3ft		4ft		5ft		6ft		7ft			
		Height														

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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