



	Reference	ChanneLED4 Layout Density Guidelines	Doc. No. RF-12-100 Rev. E	Approval: A.Lozano Date: 3/17/09
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Letter Height	LED Color	Stroke Width	Can Depth	Module Type	Linear Density	Inches on Center	Inches on Center	Inches on Center	Max Coverage Per Row
(inches)		(inches)	(inches)		(Modules / Ft)	(Standard)	(if dense translucent vinyl used)	(if perforated or dark colors used)	(inches)
Less than 25	Red	0-5	4 - <5	Mini	5	4	3	2	5
			≥ 5	Mini	4	4	3	2	5
		≥ 5	4 - <5	Mini	4	3	2	2	5
			≥ 5	Short	3	4	3	2	5
	Orange, Amber	0-5	4 - <5	Short	4	3	2	2	5
			≥ 5	Short	4	4	3	2	5
		≥ 5	4 - <5	Short	4	3	2	2	5
			≥ 5	Short	3	4	3	2	5
	Green, Blue, White Minis and Green, Blue Shorts	0-5	4 - <5	Mini	5	4	3	2	4
			≥ 5	Mini	4	4	3	2	4
		≥ 5	4 - <5	Mini	4	3	2	2	4
			≥ 5	Short	3	4	3	2	4
White Short		≥ 5	Short	3	5	3	2	5	
25 or Greater	Red	0-5	4 - <5	Mini	5	4	3	2	5
			≥ 5	Short	3	4	3	2	5
		≥ 5	4 - <5	Mini	4	3	2	2	5
			≥ 5	Long	2	5	4	2	5
	Orange, Amber	0-5	4 - <5	Short	4	3	2	2	5
			≥ 5	Short	3	4	3	2	5
		≥ 5	4 - <5	Short	4	3	2	2	5
			≥ 5	Long	2	5	4	2	5
	Green, Blue, White Minis and Green, Blue Shorts	0-5	4 - <5	Mini	5	4	3	2	4
			≥ 5	Short	3	4	3	2	4
		≥ 5	4 - <5	Mini	4	3	2	2	4
			≥ 5	Short	3	5	3	2	5
White Short		≥ 5	Short	3	5	3	2	5	
White Only	≥ 7 ***	≥ 6 ***	Great White 2	1.5	5	4	3	6	
			Great White 2	2	4	4	3	6	

These guidelines are intended to provide only an approximation of ChanneLED4 product required for your sign, assuming an optimal balance of performance and cost. SloanLED is not responsible for the actual results based on the use of these guidelines. See the below notes.

Notes:	1) It is recommended that you first test the LED density in a sample letter/cabinet to evaluate brightness, uniformity and color.
	2) Should you have questions or require assistance in testing, please contact your SloanLED customer service representative.
	3) ≥ Symbol represents greater than or equal to.
	*** 4) This layout is for a 5" can depth by customer request only; not recommended by SloanLED
	5) 0-4" can depths need to be tested prior to density recommendation. Please contact you SloanLED inside representative for assistance on testing.