



Reference	Apollo, ChanneLED 5, V Series, GW3 and Value Line Layout Density Guidelines	Doc. No. RF-12-101 Rev. D	Approval: ALozano Date: 1/11/2010
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Apollo / CL5

Module Color	Can Depth Inches	Modules Per Foot	Inches On Center with Standard Face	Inches On Center with Dark Vinyl	Inches On Center with Perforated Vinyl	Maximum Stroke Coverage Per Row	
						Single	Multiple
White, Warm White, Red	4 - 5	2	5	4	3**	6	5
	>5	2	6	5	4	7.5	6

V Series

Module Color	Can Depth Inches	Modules Per Foot	Inches On Center with Standard Face	Inches On Center with Dark Vinyl	Inches On Center with Perforated Vinyl	Maximum Stroke Coverage Per Row	
						Single	Multiple
White, Soft White, Warm White, Blue, Red, Red/Orange, Orange, Yellow/Amber	2.25 - 3	3*	3*	Test	Test*	3	2
	>3 - 5	3	5	4	3*	6	5
	>5 - 8	3	6	5	4	7.5	6
Green	2.25 - 3	3*	3	Test	Test*	3	2
	>3 - 5	3	4	3	2*	5	4
	>5 - 8	3	4	3	2	5	4

GW3

Module Color	Can Depth Inches	Modules Per Foot	Inches On Center with Standard Face	Inches On Center with Dark Vinyl	Inches On Center with Perforated Vinyl	Maximum Stroke Coverage Per Row	
						Single	Multiple
White	5 - <8	1.5	5	4	4	6	5
	≥8	1.5	8	7	6	10	8

Value Line

Module Color	Module Type	Can Depth Inches	Modules Per Foot	Inches On Center with Standard Face	Inches On Center with Dark Vinyl	Inches On Center with Perforated Vinyl	Maximum Stroke Coverage Per Row	
							Single	Multiple
White	Mini / Short	≥5	4 / 3	4	3	2	5	4
	Long	≥5	2	5	4	3	6	5
Red	Short	≥5	3	4	3	2	5	4
	Long	≥5	2	5	4	3	6	5

These guidelines are intended to provide only an approximation of Apollo, CL5, V Series, GW3 and Value Line 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.

- 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. < Symbol represents less than. ≥ Symbol represents greater than or equal to.
 - 4) For multiple rows start three inches from the return.
 - 5) Products can be used in can depths deeper or shallower than listed above, but testing is recommended.
 - 6) The acrylic material used for all testing was 3/16" thickness sign grade acrylic.
- * Layout requiring one row with can depth three inches or less and/or perforated vinyl needs to be populated at four modules per foot.
 **For single row perforated applications V Series four per foot is recommended for maximum brightness.