

Channel Letter Density Guidelines

	Size	Module color	Can Depth	Modules per meter	Milimeters on center standard face	Milimeters on center dark vinyl	Milimeters on center perforated vinyl	Watts per module	Modules per M ² standard face	Modules per M ² dark vinyl
SloanLED Prism	SloanLED Prism	White - 7100 K, 6500 K (4.9/m), 5700 K, 5000 K, 4000 K, 3000 K	75 mm	4.9	175	150	125	1.12	28.0	32.7
			100 mm		250	225	200		19.6	21.8
			125 mm		325	300	275		15.1	16.3
		White - 6500 K (3.3/m)	75 mm	3.3	175	150	125	1.12	28.0	32.7
			100 mm		250	225	200		13.2	14.7
			125 mm		325	300	275		10.2	11.0
		Red	75 mm	4.9	225	175	150	0.72	24.5	28.0
			100 mm		300	225	200		19.6	21.8
			125 mm		350	275	250		16.3	17.8
	Orange	75 mm	4.9	225	200	175	0.72	21.8	24.5	
		100 mm		300	275	250		16.3	17.8	
		125 mm		350	325	300		14.0	15.1	
	Yellow	75 mm	4.9	200	175	150	0.72	24.5	28.0	
		100 mm		300	275	250		16.3	17.8	
		125 mm		350	325	300		14.0	15.1	
	Green	75 mm	6.5	175	150	125	0.72	37.1	43.3	
		100 mm		225	200	175		21.8	24.5	
		125 mm	4.9	275	250	225		17.8	19.6	
	Blue	75 mm	6.5	175	150	125	0.72	37.1	43.3	
		100 mm		250	225	200		19.6	21.8	
		125 mm	4.9	300	275	250		16.3	17.8	
Mini	White - 6500 K	50 mm	13	75	50	25	0.46	173.3	260.0	
		75 mm	7.4	150	125	100		49.3	59.2	
		100 mm		200	175	150		37.0	42.3	
		125 mm		250	225	200		29.6	32.9	
HO	White - 6500 K, 5000 K	175 mm	2.6	375	350	325	1.68	6.9	7.4	
SloanLED Prism Enlighten	N/A	White - 7100 K, 6500 K, 5700 K, 5000 K, 4000 K, 3000 K	75 mm	6.5	150	125	100	0.75	43.3	52.0
			100 mm	4.9	225	200	175		21.8	24.5
			125 mm		275	250	225		17.8	19.6
SloanLED SE	N/A	White - 6500 K	75 mm	13	75	50	25	0.43	173.3	260.0
			100 mm	10	100	75	50		100.0	133.3
			125 mm	8	125	100	75		64.0	80.0
VL Plus 2	Long	White - 6500 K	100 mm	6.5	125	Test	Test	0.54	52.0	Test
			125 mm		150	125	100		43.3	52.0
	Short & Short HB	White - 6500 K	100 mm	8	125	Test	100	0.54	64.0	Test
			125 mm		150	125	100		53.3	64.0
			100 mm		100	Test	100		80.0	Test
			125 mm		125	100	75		64.0	80.0
Mini	White - 6500 K	100 mm	13	125	Test	Test	0.42	104.0	Test	
		125 mm		150	125	100		86.7	104.0	
VL Plus	Short	Red	100 mm	8	100	Test	Test	0.29	80.0	Test
			125 mm		125	100	75		64.0	80.0
	Long		100 mm	6.5	100	Test	Test	0.36	65.0	Test
			125 mm		125	100	75		52.0	65.0

These guidelines are intended to provide only an approximation of SloanLED Prism, V180, VL Plus, and BendLUX 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 LED density in 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) For multiple rows, calculate half of the row spacing given from the table and start first row offset that distance from return.
- 4) Products can be used in can depths deeper or shallower than listed above, but testing is recommended.
- 5) Based on European face materials.
- 6) Maximum single row coverage is (Milimeters on center with standard face) × 1.25.

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V180	Large	White - 6500 K, 5000 K	125 mm	6.5	250	225	200	1.2	26.0	28.9	
			180 mm	3.3	300				11.0	14.7	
	Mini	White - 6500 K *Use 10 modules per meter per single row only.	<50 mm	13	50	Test	Test	0.31	260.0	Test	
			50 mm		75	50	25		173.3	260.0	
			60 mm	10	8 / 10*	75	50		50	133.3	200.0
			70 mm	9 / 10*		100	75		75	120.0	180.0
			75 mm	8 / 10*		125	100		75	80.0	106.7
			100 mm			75	50		64.0	80.0	
	HB Mini	White - 6500 K *Use 10 modules per meter per single row only.	50 mm	13	75	50	50	0.59	173.3	260.0	
			75 mm	8	125	75	75		64.0	106.7	
			100 mm	6.5	150	100	75		43.3	86.7	
			125 mm		200	100	32.5		65.0		
	BendLUX	N/A	White - 6500 K	30	22	30	Test	Test	0.3 (persegment)	733.3	Test

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Use the online SloanLED Layout Estimator to get a quick design and material estimate for your sign. Visit product page for details.

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