

SloanLED Prism

Premium 12V LED channel letter lighting solution

Power Supply Capacity

12 VDC Power supply†	SloanLED Prism 6500 K	SloanLED Prism, 7100 K, 6500 K, 5700 K, 5000 K, 4000 K, 3000 K	Red, Orange, Yellow, Green, Blue	Red
Modules per foot/meter	1/3.3	1.5/4.9	1.5/4.9	2/6.6
20 W Power supply	16 ft (4.9 m) / 16 mods	10 ft (3.3 m) / 16 mods	16.7 ft (5.1 m) / 25 mods	12.5 ft (3.8 m) / 25 mods
60 W Power supply	48 ft (14.6 m) / 48 mods	32 ft (9.8 m) / 48 mods	50 ft (15.2 m) / 75 mods	37.5 ft (11.4 m) / 75 mods
2 × 60 W Power supply	2 × 48 ft (14.6 m) / 48 mods	2 × 32 ft (9.8 m) / 48 mods	2 × 50 ft (15.2 m) / 75 mods	2 × 37.5 ft (11.4 m) / 75 mods
Watts per module	1.12	1.12	0.72	0.72

Density Guidelines

Model	Module color	Can Depth	Modules per foot	Max. stroke coverage per row		Inches on center dark vinyl	Inches on center perforated vinyl
				Single row	Multiple rows		
Standard	White (7100 K, 6500 K, 5700 K, 5000 K, 4000 K, 3000 K)	3"	1.5	10"	7" on center	6	5
		4"		14"	10" on center	9	8
		5-8"		16"	15" on center	14	13
	Red	2"	3	4"	2" on center	1	1
		3"	1.5	10"	8" on center	7	6
		4"		12"	10" on center	9	8
		5-8"		15"	12" on center	11	10
	Orange	3"	1.5	10"	7" on center	6	5
		4"		12"	10" on center	9	8
		5-8"		15"	12" on center	11	10
	Yellow	3"	2	10"	7" on center	6	5
		4"	1.5	12"	10" on center	9	8
		5-8"		15"	12" on center	11	10
	Green	3"	1.5	7"	7" on center	6	5
		4"		12"	10" on center	9	8
		5-8"		15"	12" on center	11	10
	Blue	3"	2	8"	6" on center	5	4
		4"	1.5	11"	8" on center	7	6
		5-8"		14"	11" on center	10	9

Notes:

- It is recommended that you first test LED density in sample letter/cabinet to evaluate brightness, uniformity and color.
- Should you have questions or require assistance in testing, please contact your SloanLED customer service representative.
- For multiple rows, start 3" (76 mm) from return.
- Products can be used in can depths deeper or shallower than listed above, but testing is recommended.
- Acrylic material used for all testing was 0.1875" (5 mm) thickness sign grade 7328 acrylic for White LEDs and 2157 for Red LEDs.

* Layout requiring one row with can depth 3" (76 mm) or less and/or perforated vinyl needs to be populated at four (4) modules per foot.

These guidelines are intended to provide only an approximation of 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.

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Specifications subject to change without notice.



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