

SloanLED Prism Mini

Advanced optics for even illumination
in small channel letters

Specifications

Part number **Whites**
 7100 K 701269-7WMJ2-MB
 6500 K 701269-6WMJ2-MB
 5000 K 701269-5WMJ2-MB
 4000 K 701269-4WMJ2-MB
 3000 K 701269-3WMJ2-MB

Colors
 Red (624 nm) 701269-RDMJ2-MB
 Green (535 nm) 701269-GRMJ2-MB
 Blue (470 nm) 701269-BLMJ2-MB

Dimensions L x W x H 1.88 in x 0.55 in x 0.43 in

LEDs per module 3

Modules per foot 2.0

Optimal can depth 2-4"

Operating temperature -40° C to +70° C

Protection class IP66 & IP68*

Binning MacAdam Step 3

Power per module **Whites**
 7100 K, 6500 K, 0.43 W
 5000 K, 4000 K, 3000 K

Colors
 Red, Green, Blue 0.30 W

Efficacy **Whites**
 7100 K, 6500 K, 5000 K .. 116 lm/W
 4000 K, 3000 K 105 lm/W

Colors
 Red 40 lm/W
 Green 100 lm/W
 Blue 27 lm/W

Life rating >60,000 hours

Fastening Peel-n-stick and mechanical

Power capacity **Whites**
 136 modules (68.0 ft) per
 SloanLED 60 W 12 VDC power supply

Colors
 180 modules (90.0 ft) per
 SloanLED 60 W 12 VDC power supply

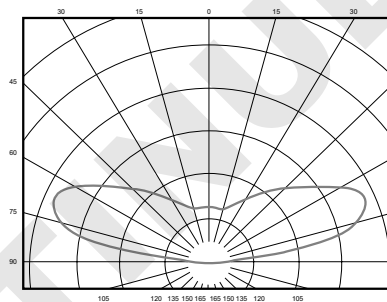
Packaging 48.0 ft (96 modules) per bag,
 5 bags per carton

Lumens **Whites**
 7100 K, 6500 K, 5000 K .. 50
 4000 K, 3000 K 45

Colors
 Red 12
 Green 30
 Blue 8



Luminous Intensity Distribution



* Prism IP68 test parameters are 1.3 m submersion for 30 minutes. Do not mount in submerged application or where module will be directly exposed to prolonged flowing or dripping water.
 † Configured for Class 2 Output.

SloanLED channel letter products are covered by US and foreign patents pending and covered by one or more of the following US patents issued: 6,932,495, 7,160,140, 7,241,031, 7,520,771, 7,931,386 and European Patent No. 1756471.

Power Supply Capacity

12 VDC Power supply†	SloanLED Prism Mini (7100 K, 6500 K, 5000 K, 4000 K, 3000 K)	SloanLED Prism Mini (Red, Green, Blue)
20 W Power Supply	22.5 ft / 45 mods	30.0 ft / 60 mods
60 W Power Supply	68.0 ft / 136 mods	90.0 ft / 180 mods
2 x 60 W Power Supply	2 x 68.0 ft / 136 mods	2 x 90.0 ft / 180 mods
Power per foot (meter) in watts	0.79 W	0.60 W



SloanLED®
 A Principal Industries Company

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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		
SloanLED Prism Mini	White (7100 K, 6500 K, 5000 K, 4000 K, 3000 K)	2"	3	4.5"	4" on center	2.5	1
		3"	2	7"	6" on center	4	3
		5"		13"	9" on center	8	7
	Red	2"	3	4"	4" on center	3	2
		3"	2	7"	6" on center	5	4
		5"		10"	12" on center	11	10
	Green	2"	3	3"	3" on center	2	1
		3"		6"	5" on center	4	3
		5"		10"	10" on center	9	8
	Blue	2"	3	5"	4" on center	3	2
		3"	2	6"	5" on center	4	3
		5"		10"	10" on center	9	8

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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Visit product page for details.

Specifications subject to change without notice.



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