

SloanLED Prism²⁴ Mini

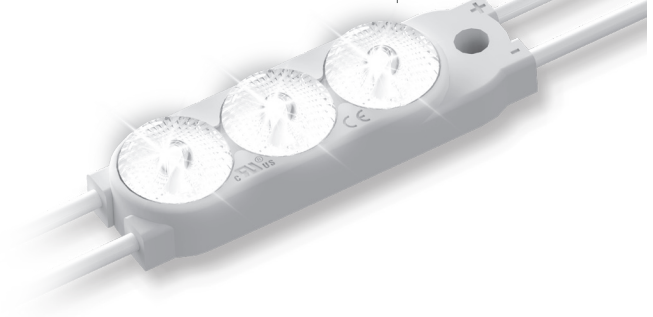
Premium 24V LED lighting solution for small channel letters



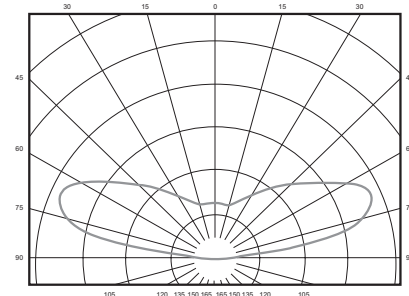
800.253.1569 | wensco.com

Specifications

- Dimensions L × W × H** 1.9" × 0.6" × 0.4"
(48 mm × 14 mm × 11 mm)
- LEDs per module** 3
- Modules per ft/m** 2.5 / 8.2
- Optimal can depth** 2-4" (50 - 100 mm)
- Operating temperature** -40° C to +70° C
- Optional dimming** PWM (Pulse width modulation, SloanLED Universal LED Wireless Dimmer 601115)
- Binning** MacAdam Step 3
- Protection class** IP66 & IP68*
- Life rating** >60,000 hours
- Fastening** Peel-n-stick and mechanical
- Packaging** 30.0 ft / 9.1 m (75 modules) per bag,
5 bags per carton



Luminous Intensity Distribution



Whites

Part number	Color temperature	Power per module	Lumens per module (nominal)	Efficacy
701269-7W24MJ1-MB	7100 K	0.40 W	40	100 lm/W
701269-6W24MJ1-MB	6500 K			
701269-5W24MJ1-MB	5000 K			
701269-4W24MJ1-MB	4000 K			
701269-3W24MJ1-MB	3000 K			

Power Supply Capacity

24 VDC Power supply†	SloanLED Prism ²⁴ Mini		
	White (7100 K, 6500 K, 5000 K, 4000 K, 3000 K)	Red, Green	Blue
60 W Power supply	54.0 ft (16.5 m) / 135 mods	81.6 ft (24.9 m) / 204 mods	46.8 ft (14.3 m) / 117 mods
100 W Power supply	90.0 ft (27.4 m) / 225 mods	136.0 ft (41.5 m) / 340 mods	85.6 ft (26.1 m) / 214 mods
300 W Power supply	3 × 90.0 ft (27.4 m) / 225 mods	3 × 136.0 ft (41.5 m) / 340 mods	3 × 85.6 ft (26.1 m) / 214 mods

Colors

Part number	Color	Nominal wavelength	Power per module	Lumens per module (nominal)	Efficacy
701269-RD24MJ1-MB	Red	623	0.26 W	10	40 lm/W
701269-GR24MJ1-MB	Green	529		22	85 lm/W
701269-BL24MJ1-MB	Blue	468	0.48 W	9	19 lm/W



* 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 the following US patents issued: 6,932,495, 7,241,031.

SloanLED Prism²⁴ Mini

Premium 24V LED lighting solution
for small channel letters

Density Guidelines

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

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.

SloanLED Headquarters

5725 Olivas Park Drive, Ventura, CA, USA
805.676.3200 • info@SloanLED.com

SloanLED Europe b.v.

Argonstraat 110, 2718 SN Zoetermeer, NL
+31 88 12 44 900 • europe@SloanLED.com



SloanLED.com

© 2022 SloanLED Rev E 2022-04-04



Visit product page
for details.

Specifications subject to change without notice.

