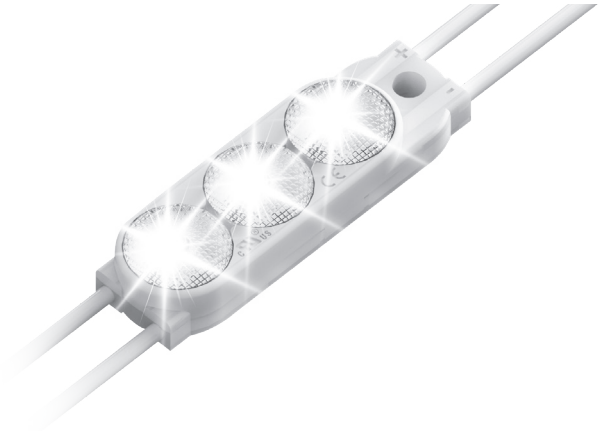
SloanLED Prism Mini

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 × W × H ..... 48 mm × 14 mm × 11 mm
(1.88 in × 0.55 in × 0.43 in)

LEDs per module 3

Modules per meter/foot 6.6/2.0

Optimal can depth ..... 50-100 mm (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

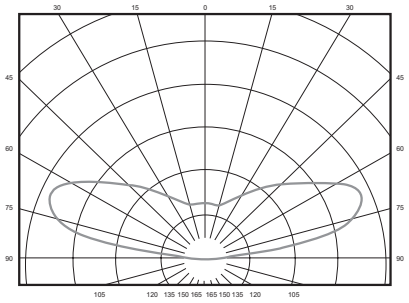
Fastening ..... Peel-n-stick and mechanical

Power capacity ..... **Whites**
136 modules (20.7 m / 68.0 ft)
per SloanLED 60 W 12 VDC power supply
Colors
180 modules (27.4 m / 90.0 ft)
per SloanLED 60 W 12 VDC power supply

Packaging ..... 14.6 m / 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



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)
Modules per meter/foot	6.6 / 2.0	6.6 / 2.0
25 W Power Supply	8.5 m (28.0 ft) / 56 mods	11.4 m (37.5 ft) / 75 mods
60 W Power Supply	20.7 m (68.0 ft) / 136 mods	27.4 m (90.0 ft) / 180 mods
120 W Power Supply	2 × 20.7 m (68.0 ft) / 136 mods	2 × 27.4 m (90.0 ft) / 180 mods
Power per meter (foot) in watts	2.60 (0.79) W	1.97 (0.60) 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 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.

SloanLED®
Leaders in LED Technology

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Density Guidelines

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 M² standard face	Modules per M² dark vinyl
White - 6500 K	50 mm	10	90	65	40	0.42	111.1	153.8
	75 mm		125	100	75		80.0	100.0
	90 mm	6.5	160	135	110		40.6	48.1
	100 mm		200	175	150		32.5	37.1
	125 mm		230	205	180		28.3	31.7

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, calculate half of the row spacing given from the table and start first row offset that distance from return.
- Products can be used in can depths deeper or shallower than listed above, but testing is recommended.
- Based on European face materials.
- Maximum single row coverage is (Millimeters on center with standard face) × 1.25.

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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SloanLED Layout Estimator

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

10 YEAR Product & Labor WARRANTY

Visit product page for details.

Specifications subject to change without notice.

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