

PRISM¹² MINI 12 VDC

Premium 12V LED lighting solution
for small channel letters

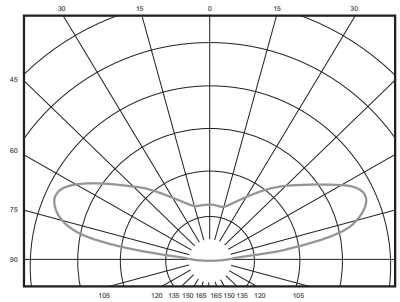


Specifications

- Dimensions L x W x H 1.88" x 0.55" x 0.43"
- LEDs per module 3
- Mounting options Peel-N-Stick and mechanical
- Optional dimming PWM (Pulse width modulation,
Universal LED Wireless Dimmer 601115)
- Operating temp. -40° C to +70° C
- Binning MacAdam Ellipse 3-Step (whites)
- Environment IP66 & IP68*
- Life rating >60,000 hours†
- Warranty 10-Year Product / Labor



Luminous Intensity Distribution



* Prism¹² Mini 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.
‡ Based on LM-80 data for white LEDs.



Whites

Modules per ft	Color temperature	SKU	Optimal can depth	Power per module	Lumens per module (nominal)	Efficacy	Packaging
2.0	7100 K	701269-7W12MJ1-MB	2-4"	0.38 W	50	132 lm/W	71.0 ft (142 modules) per bag, 3 bags per carton
	6500 K	701269-6W12MJ1-MB					
	5000 K	701269-5W12MJ1-MB					
	4000 K	701269-4W12MJ1-MB					
	3000 K	701269-3W12MJ1-MB					

Colors

Modules per ft	Color	Nominal wavelength	SKU	Optimal can depth	Power per module	Lumens per module (nominal)	Efficacy	Packaging
2.0	Red	628 nm	701269-RD12MJ1-MB	2-4"	0.30 W	12	40 lm/W	90.0 ft (180 modules) per bag, 2 bags per carton
	Green	527 nm	701269-GR12MJ1-MB			30	100 lm/W	
	Blue	471 nm	701269-BL12MJ1-MB			8	27 lm/W	

Power Supply Options

12 VDC Power Supply†	White (7100 K, 6500 K, 5000 K, 4000 K, 3000 K)	Red, Green, Blue
20 W	23.5 ft / 47 mods	30.0 ft / 60 mods
60 W	71.0 ft / 142 mods	90.0 ft / 180 mods
2 x 60 W	2 x 71.0 ft / 142 mods	2 x 90.0 ft / 180 mods

Specifications subject to change without notice.



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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		
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"	2	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

These guidelines are intended to provide only an approximation of product required for your sign, assuming an optimal balance of performance and cost. Principal Sloan is not responsible for the actual results based on the use of these guidelines. All spacing guidelines in this chart were done using 7328 White Acrylic faces. Other materials, thicknesses, and color can affect these guidelines in your sign. To ensure accuracy, it is recommended that you test the product in your specific application in a dark setting prior to installation. If you have concerns or questions about the materials you are using for your application please contact us for assistance.

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" from return
- Products can be used in can depths deeper or shallower than listed above, but testing is recommended



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