

SloanLED Prism Nano

Premium 12V LED lighting solution for block acrylic signs and small channel letters

Specifications

- Dimensions L x W x H** 0.63" x 0.33" x 0.34"
- LEDs per module** 1
- Optimal can depth** 1-3"
- Protection class** IP66
- Life rating** >60,000 hours
- Fastening** Peel-n-stick
- Packaging** 19.7 ft (150 modules) per bag,
7 bags per carton

Whites

Part number	Color temperature	Power per module	Lumens per module (nominal)	Efficacy	Operating temperature
701269-7WNJ1-MB	7200 K	0.31 W	33	106 lm/W	-30° C to +60° C
701269-6WNJ1-MB	6500 K				
701269-5WNJ1-MB	5000 K				
701269-4WNJ1-MB	4000 K				
701269-3WNJ1-MB	3000 K				

Colors

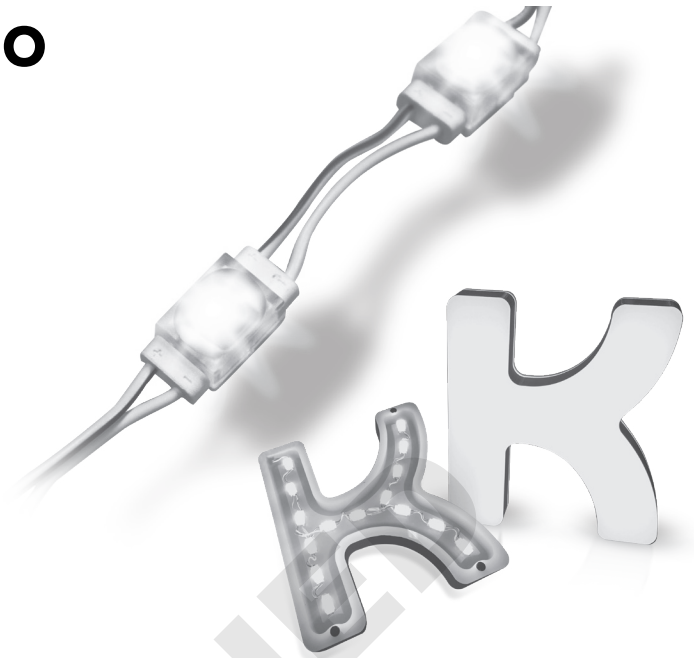
Part number	Color	Nominal wavelength	Power per module	Lumens per module (nominal)	Efficacy	Operating temperature
701269-RDNJ1-MB	Red	625	0.12 W	4	33 lm/W	-40° C to +60° C
701269-GRNJ1-MB	Green	527		12.3	103 lm/W	
701269-BLNJ1-MB	Blue	470		2.3	19 lm/W	

Power Supply Capacity

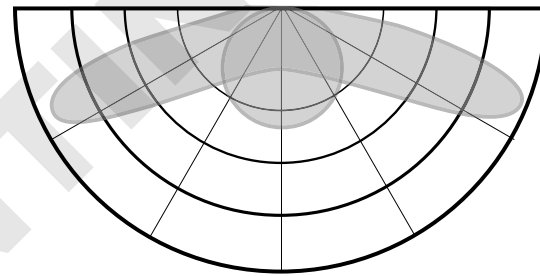
12 VDC Power supply*	White 7200 K, 6500 K, 5000 K, 4000 K, 3000 K	Red, Green, Blue
Modules per foot	7.6	
20 W Power Supply	6.6 ft / 50 mods	19.7 ft / 150 mods
60 W Power Supply	19.7 ft / 150 mods	59 ft / 450 mods
2 x 60 W Power Supply	2 x 19.7 ft / 150 mods	2 x 59 ft / 450 mods
Power per foot in watts	2.74 W	0.91 W

* 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.



Luminous Intensity Distribution



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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		
Nano: Acrylic block letters	White (7200 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Green, Blue	1.2"	7.6	2"	1.8" on center	Testing required	Testing required
Nano: Channel letters	White (7200 K, 6500 K, 5000 K, 4000 K, 3000 K)	1"	7.6	2.5"	1.5" on center	Testing required	Testing required
		2"		3"	2.5" on center		
		3"		4"	3.5" on center		
		4"		5"	6" on center		
	Red	1"	7.6	2.5"	1.5" on center	Testing required	Testing required
		2"		3"	2.5" on center		
		3"		3"	4" on center		
		4"		4"	5" on center		
	Green	1"	7.6	2.5"	1.5" on center	Testing required	Testing required
		2"		3"	2.5" on center		
		3"		3"	3.5" on center		
		4"		3.5"	4.5" on center		
	Blue	1"	7.6	2.5"	1.5" on center	Testing required	Testing required
		2"		3"	2.5" on center		
		3"		3"	4" on center		
		4"		3.5"	4.5" on center		

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

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.

