

# SloanLED Prism Nano

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

## Specifications

- Dimensions L x W x H** ..... 16 mm x 8 mm x 9 mm  
(0.63" x 0.33" x 0.34")
- LEDs per module** ..... 1
- Optimal can depth** ..... 25-75 mm (1-3")
- Protection class** ..... IP66
- Life rating** ..... >60,000 hours
- Power capacity per SloanLED**..... Whites ..... 150 modules  
**60 W 12 VDC power supply** (6.0 m / 19.7 ft)  
Colors ..... 450 modules  
(18.0 m / 59.1 ft)
- Fastening** ..... Peel-n-stick
- Packaging** ..... 6.0 m / 19.7 ft (150 modules) per bag,  
7 bags per carton



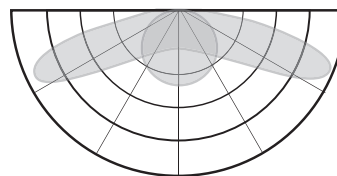
## Whites

Part number	Color temperature	Power per module	Lumens per module (nominal)	Efficacy	Operating temperature
701269-7WUJ1-MB	7200 K	0.31 W	33	106 lm/W	-30° C to +60° C
701269-6WUJ1-MB	6500 K				
701269-5WUJ1-MB	5000 K				
701269-4WUJ1-MB	4000 K				
701269-3WUJ1-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-BLNUJ1-MB	Blue	470		2.3	19 lm/W	

## Luminous Intensity Distribution



## Power Supply Capacity

12 VDC Power supply*	White 7200 K, 6500 K, 5000 K, 4000 K, 3000 K	Red, Green, Blue
<b>Modules per meter/foot</b>	25 / 7.6	
25 W Power Supply	2.5 m (8.1 ft) / 62 mods	7.5 m (24.5 ft) / 187 mods
60 W Power Supply	6 m (19.7 ft) / 150 mods	18 m (59 ft) / 450 mods
120 W Power Supply	2 x 6 m (19.7 ft) / 150 mods	2 x 18 m (59 ft) / 450 mods
Power per meter (foot) in watts	9 (2.74) W	3 (0.91) W

\* Configured for Class 2 Output.  
 † 30 mm BlockLED; 12 mm routed out, indirect illumination (modules facing white reflective backtray). Single row coverage 50 mm.  
 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.



## Density Guidelines

Size	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 M <sup>2</sup> standard face	Modules per M <sup>2</sup> dark vinyl
Nano (Face-lit)	White (7200 K, 6500 K, 5000 K, 4000 K, 3000 K)	40 mm	25	40	30	20	0.31	1000.0	1333.3
		50 mm		60	Test	Test		833.3	Test
	Red, Green, Blue	40 mm		40	30	20	0.12	1000.0	1333.3
		50 mm		60	Test	Test		833.3	Test
Nano (BlockLED, 30 mm) <sup>†</sup>	White (7200 K, 6500 K, 5000 K, 4000 K, 3000 K)	30 mm	25	45	Test	Test	0.31	666.7	Test
	Red, Green, Blue						0.12		

- Notes:
- 1) It is recommended that you first test LED density in sample letter/cabinet to evaluate brightness, uniformity and color.
  - 2) Should you have questions or require assistance in testing, please contact your SloanLED customer service representative.
  - 3) For multiple rows, calculate half of the row spacing given from the table and start first row offset that distance from return.
  - 4) Products can be used in can depths deeper or shallower than listed above, but testing is recommended.
  - 5) Based on European face materials.
  - 6) Maximum single row coverage is (Milimeters on center with standard face) x 1.25.

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Visit product page for details.

Specifications subject to change without notice.

