

SloanLED Prism Nano

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

Specifications

Dimensions L × W × H 16 mm × 8 mm × 9 mm

LEDs per module 1

Optimal can depth 25-75 mm

Protection class IP66

Life rating >60,000 hours

Fastening Peel-n-stick

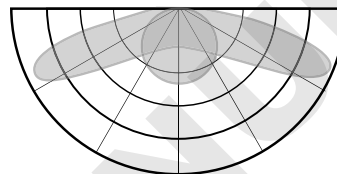
Packaging 6.0 m (150 modules) per bag,
7 bags per carton



Whites

Part number	Color temperature	Power per module	Lumens per module (nominal)	Efficacy	Operating temperature
701269-7WNU1-MB	7200 K	0.31 W	33	106 lm/W	-30° C to +60° C
701269-6WNU1-MB	6500 K				
701269-5WNU1-MB	5000 K				
701269-4WNU1-MB	4000 K				
701269-3WNU1-MB	3000 K		25	83 lm/W	

Luminous Intensity Distribution



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	

* 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.

Power Supply Capacity

12 VDC Power supply*	White 7200 K, 6500 K, 5000 K, 4000 K, 3000 K	Red, Green, Blue
Modules per meter	25	
20 W Power Supply	2 m / 50 mods	6 m / 150 mods
25 W Power Supply (EU/ROW ONLY)	2.5 m / 62 mods	7.5 m / 187 mods
30 W Power Supply (EU/ROW ONLY)	3.0 m / 75 mods	9.0 m / 225 mods
60 W Power Supply	6 m / 150 mods	18 m / 450 mods
2 × 60 W Power Supply	2 × 6 m / 150 mods	2 × 18 m / 450 mods
Power per meter in watts	9 W	3 W

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 ² standard face	Modules per M ² 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	0.12	833.3	Test
	Red, Green, Blue	40 mm		40	30	20		1000.0	1333.3
		50 mm		60	Test	Test		833.3	Test
Nano (BlockLED, 30 mm) [†]	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:

- 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 (Milimeters on center with standard face) × 1.25.

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

© 2023 SloanLED Rev H 2023-08-17



Visit product page
for details.

Specifications subject to change without notice.



RoHS
Compliant



SloanLED®
A Principal Industries Company