

12
VDC

10
YEAR
Product & Labor
WARRANTY

We Brighten Your Brands

ELBTAHARI Mardie

STEVE MADDEN



SloanLED Prism¹² Nano+

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

 **SloanLED**[®]
Leaders in LED Technology

10
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Big Performance

in small channel letters



SloanLED Prism¹² Nano+ delivers even bigger performance in block acrylic signs and small channel letters with improved elliptical optics in a broad range of color temperatures for better light distribution, more modules

per power supply, and unprecedented efficacy of up to 160 lm/W making SloanLED Prism¹² Nano+ the class-leading solution over competing 12 & 24 V products! Now that's a bright choice!



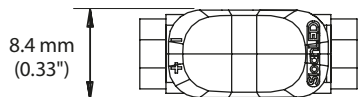
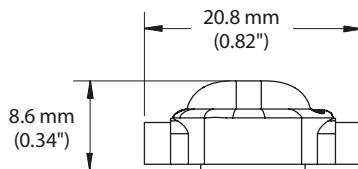
Individual modules for easy installation with no soldering and no PCB cutting

Easy installation with self-adhesive back

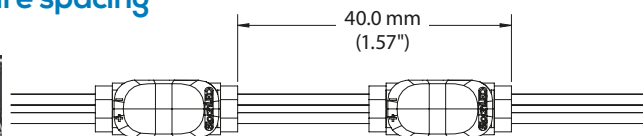
Improved elliptical optics for unprecedented light distribution

- Available in White (7200 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Green, and Blue
- Ideal for routed acrylic block letter, shallow channel letter, and backlit halo letter applications as shallow as 25 mm (1")
- More modules per power supply up from 150 to an unprecedented 250 white modules on a 60 W power supply
- Efficacy of up to 160 lm/W making SloanLED Prism¹² Nano+ the class-leading solution over competing 12 & 24 V products
- New 22 AWG cable for greater safety and reduced voltage drop

Dimensions



Wire spacing



The complete solution for all your lighting needs.

SloanLED channel letter LED lighting products are designed for the whole spectrum of channel letter applications, including face and halo lit, shallow to deep can depths, and routed acrylic letters.



Block acrylic signs & small channel letters
Channel letter applications 25-75 mm (1-3") deep

Small channel letters
Channel letter applications 50-100 mm (2-4") deep

Standard channel letters
Channel letter applications 75-200 mm (3-8") deep

SloanLED Prism ¹² Premium 12V channel letter lighting solution			
MODS/M(FT)	COLORS	LUMENS/MOD	EFFICACY
SloanLED Prism¹² Nano+			
25/m (7.6/ft)	White (7200 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Green, and Blue	Up to 35	Up to 160 lm/W
SloanLED Prism¹² Mini			
3.9/m (1.2/ft)	White (7100 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Green, and Blue	Up to 50	Up to 132 lm/W
SloanLED Prism¹²			
4.9/m (1.5/ft)	White (7100 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Orange, Green, and Blue	Up to 124	Up to 135 lm/W

We're on a power trip.

Constant Current Technology (CCT) is at the heart of SloanLED's product offering, and forms the backbone of SloanLED channel letter products. We introduced CCT to the industry to maintain consistent current levels, eliminating the line loss and voltage drop issues common in many LED lighting systems. CCT provides uniform light output throughout the entire installation, while also preventing damage from overdriving of the LEDs.

There's no substitute for quality.

Low-priced LED sign lighting products use low-power LEDs driven at maximum power. Maximizing the potential brightness of their products at the expense of longevity; overdriving the LEDs for instant gratification while sacrificing sustainability and endurance. In the long term, the reliability and efficacy of these products suffer as more of the electrical energy is turned into heat rather than light. SloanLED employs only the highest caliber components in order to offer a superior product with the longest lifespan.

For more information on our Channel Letter collection of products, visit SloanLED.com.

SloanLED Prism¹² Nano+



Specifications

Dimensions L x W x H..... 20.8 mm x 8.4 mm x 8.6 mm
(0.82" x 0.33" x 0.34")

LEDs per module..... 1

Optimal can depth..... 25-75 mm (1-3")

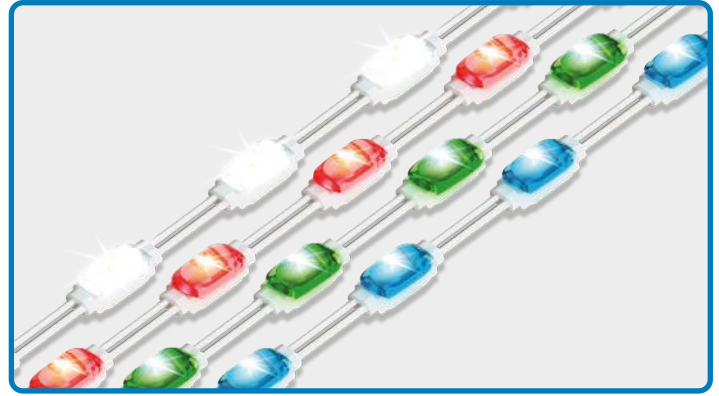
Operating temperature -40° C to +70° C

Protection class..... IP66

Life rating..... >54,000 hours

Fastening..... Peel-n-stick

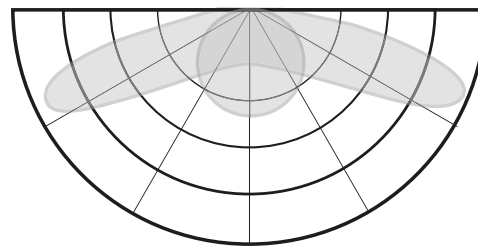
Packaging..... 6.0 m / 19.7 ft (150 modules) per bag,
7 bags per carton



Whites

Part number	Color temperature	Power per module	Lumens per module (nominal)	Efficacy
701269-7W12NJ1-MB	7200 K	0.22 W	35	160 lm/W
701269-6W12NJ1-MB	6500 K			
701269-5W12NJ1-MB	5000 K			
701269-4W12NJ1-MB	4000 K			
701269-3W12NJ1-MB	3000 K			

Luminous Intensity Distribution



Colors

Part number	Color	Nominal wavelength	Power per module	Lumens per module (nominal)	Efficacy
701269-RD12NJ1-MB	Red	625 nm	0.13 W	4.9	38 lm/W
701269-GR12NJ1-MB	Green	527 nm		13.5	104 lm/W
701269-BL12NJ1-MB	Blue	470 nm		3.0	23 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 meter/foot	25 / 7.6	
20 W Power Supply	3.3 m (10.9 ft) / 83 mods	5.5 m (18.1 ft) / 138 mods
25 W Power Supply (EU/ROW ONLY)	4.2 m (13.6 ft) / 104 mods	6.9 m (22.7 ft) / 173 mods
30 W Power Supply (EU/ROW ONLY)	5.0 m (16.4 ft) / 125 mods	8.3 m (27.2 ft) / 207 mods
60 W Power Supply	10.0 m (32.8 ft) / 250 mods	16.6 m (54.5 ft) / 415 mods
2 x 60 W Power Supply	2 x 10.0 m (32.8 ft) / 250 mods	2 x 16.6 m (54.5 ft) / 415 mods
2 x 75 W Power Supply (EU/ROW ONLY)	2 x 12.5 m (40.9 ft) / 312 mods	2 x 20.8 m (468.3 ft) / 520 mods
Power per meter (foot) in watts	5.51 (1.68) W	3.25 (0.99) 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.

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

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Specifications subject to change without notice.

