

We Brighten Your Brands

Product
Guide

Channel Letter



On the Spectrum of Brilliance

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.



SloanLED Prism

The SloanLED Prism family of products is designed to give you the widest, most even spread of illumination, broadening spacing between rows, and properly dispersing the light to avoid hot spots in shallow applications.

- Brightest lighting option in its class
- Ideal lens shape for illuminating channel letters
- Use fewer modules for faster installation and lower cost per sign
- Versatile mounting options



Desired can depth

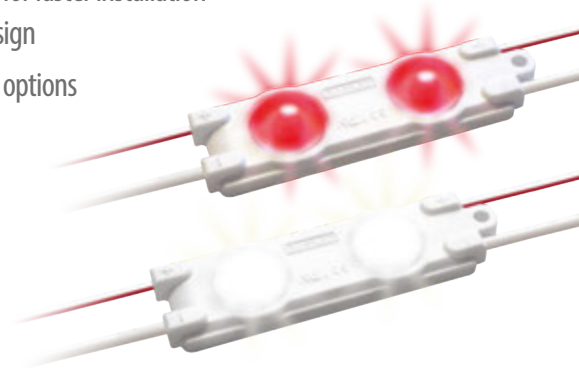
Product	50 mm (2")	75 mm (3")	100 mm (4")	125 mm (5")	150 mm (6")	178 mm (7")	200 mm (8")	228 mm+ (9"+)
SloanLED Prism, Whites/Colors	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal
SloanLED Prism Mini, Whites/Colors	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal
SloanLED Prism HO	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal
SloanLED Prism Enlighten	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal
SloanLED Prism Nano	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal
VL Plus 3	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal

Optimal Acceptable

VL Plus 3

VL Plus 3 is the result of in-depth market research and end user feedback, answering the call to provide an efficient, cost-effective, high quality lens based module for face lit channel letters.

- Most powerful and efficient lighting option in its class
- Ideal for single row, 125 mm (5") deep channel letters
- Use fewer modules for faster installation and lower cost per sign
- Versatile mounting options



SloanLED Prism Mini

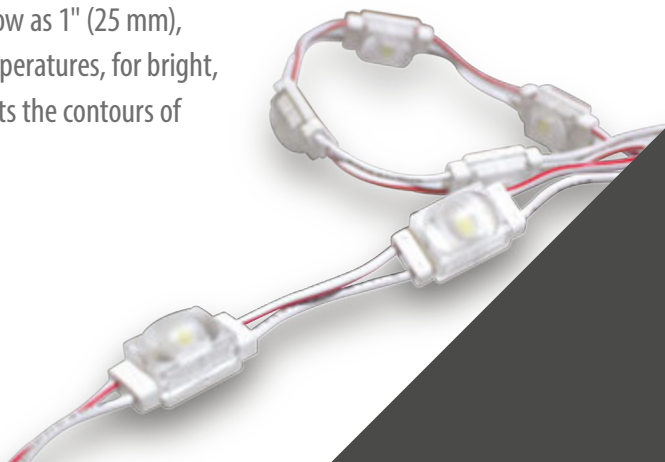
SloanLED Prism Mini takes the big performance of SloanLED Prism modules, and packs it into a tiny but mighty package.

- Available in White (7100 K, 6500 K, 5000 K, 4000 K, 3000 K), Red, Green, and Blue
- Ideal for small channel letters 2-4" (50-100 mm) deep
- Use fewer modules for faster installation and lower cost per sign
- Versatile mounting options

SloanLED Prism Nano

SloanLED Prism Nano delivers big performance in routed acrylic block letter, channel letter, and backlit halo letter applications as shallow as 1" (25 mm), and features elliptical optics, in a broad range of color temperatures, for bright, uniform illumination, and a versatile design that quickly fits the contours of narrow or shallow letters for fast, easy installation.

- Easy flat bends and connections without the need for soldering or PCB cutting
- Elliptical optics deliver bright, uniform illumination
- Easy to mount and install on any channel letter shape



Specifications

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

Channel Letter Lighting Solutions (Whites)

Model	Modules per m (ft)	Color temperature	Optimal can depth	Power per module	Lumens per module	Efficacy
SloanLED Prism	3.3/m (1/ft)	6500 K	75-200 mm (3-8")	1.12 W	124	111 lm/W
	4.9/m (1.5/ft)	7100 K				
		6500 K				
		5700 K				
		5000 K				
		4000 K			120	107 lm/W
		3000 K			115	103 lm/W
SloanLED Prism Mini	6.6/m (2.0/ft)	7100 K, 6500 K, 5000 K	50-100 mm (2-4")	0.43 W	50	116 lm/W
		4000 K, 3000 K			45	105 lm/W
SloanLED Prism HO, 12 VDC	2.6/m (0.8/ft)	6500 K	127-305 mm (5-12")	1.68 W	180	107 lm/W
		5000 K				
SloanLED Prism HO, 24 VDC	2.6/m (0.8/ft)	6500 K	127-305 mm (5-12")	1.56 W	180	118 lm/W
	4.9/m (1.5/ft)					
VL Plus 3	4.6/m (1.4/ft)	6500 K	75-127 mm (3-5")	1.04 W	107	103 lm/W

Channel Letter Lighting Solutions (Colors)

Model	Modules per m (ft)	Color temperature	Optimal can depth	Power per module	Lumens per module	Efficacy	
SloanLED Prism	6.6/m (2/ft)	Red	75-200 mm (3-8")	0.72 W	24	33.5 lm/W	
	4.9/m (1.5/ft)						Orange
							Yellow
							Green
							Blue
SloanLED Prism Mini	6.6/m (2.0/ft)	Red	50-100 mm (2-4")	0.30 W	12	40 lm/W	
		Green			30	100 lm/W	
		Blue			8	27 lm/W	
VL Plus 3	4.6/m (1.4/ft)	Red	75-127 mm (3-5")	0.63 W	20	32 lm/W	

Block Acrylic Signs and Small Channel Letter Lighting Solutions

Model	Color temperature	Optimal can depth	Power per module	Lumens per module	Efficacy
SloanLED Prism Nano	7200 K	25-75 mm (1-3")	0.31 W	33	106 lm/W
	6500 K				
	5000 K				
	4000 K				
	3000 K			25	83 lm/W

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Specifications subject to change without notice.
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