

VL4

Everyday 12 VDC channel letter lighting solutions

VALUE SERIES

Specifications

Dimensions L x W x H	Whites	2.15" x 0.69" x 0.27" (55 mm x 18 mm x 7 mm)
	Colors, HO	3.06" x 0.69" x 0.27" (78 mm x 18 mm x 7 mm)
	Mini.....	1.50" x 0.69" x 0.27" (38 mm x 18 mm x 7 mm)

LEDs per module	Standard Whites.....	2
	Colors, HO	3
	Mini.....	1

Operating temperature..... -40° C to +60° C

Optional dimming..... PWM (Pulse width modulation, SloanLED Universal LED Wireless Dimmer 601115)

Protection class IP66

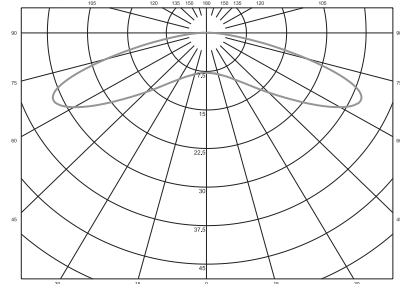
Special feature..... Continuous tape liner with peel tab

Life rating >54,000 hours to L₈₀ at ≤50° C ambient

Fastening Peel-n-stick and mechanical



Luminous Intensity Distribution



Whites

Model	Modules per foot/meter	Color temperature	Part number	Optimal can depth	Power per module	Lumens per module (nominal)	Efficacy	Power capacity per SloanLED 60 W 12 VDC power supply	Packaging
Standard	1.4/ft (4.6/m)	7200 K	701269-7W2A1-MB	3-5" (75-127 mm)	0.96 W	107	111 lm/W	56 modules (40.0 ft / 12.2 m)	64.2 ft / 19.6 m (90 modules) per bag, 10 bags per carton
		6500 K	701269-6W2A1-MB						
Mini	2.5/ft (8.2/m)	6500 K	701269-6W1A1-MB	2-3" (50-75 mm)	0.36 W	40	111 lm/W	150 modules (60.0 ft / 18.3 m)	36.0 ft / 11.0 m (90 modules) per bag, 5 bags per carton
		5000 K	701269-5W1A1-MB						
		3000 K	701269-3W1A1-MB						
HO	1.5/ft (4.9/m)	6500 K	701269-6W3A1-MB	5-8" (127-200 mm)	1.20 W	130	108 lm/W	45 modules (30.0 ft / 9.1 m)	30 ft / 9.1 m (45 modules) per bag, 10 bags per carton

Colors

Part number	Color	Nominal wavelength	Modules per foot/meter	Optimal can depth	Power per module	Lumens per module (nominal)	Efficacy	Power capacity per SloanLED 60 W 12 VDC power supply	Packaging
701269-RD3A1-MB	Red	623	1.5/ft (4.9/m)	3-5" (75-127 mm)	0.50 W	20	40 lm/W	108 modules (72.0 ft / 21.9 m)	30.0 ft / 9.2 m (45 modules) per bag, 10 bags per carton
701269-GR3A1-MB	Green	524				50	100 lm/W		
701269-BL3A1-MB	Blue	468				9.5	19 lm/W		

Power Supply Capacity

12 VDC Power supply*	VL4 7200 K, 6500 K	VL4 Red, Green, Blue	VL4 Mini 6500 K, 5000 K, 3000 K	VL4 HO 6500 K
Modules per foot/meter	1.4 / 4.6	1.5 / 4.9	2.5 / 8.2	1.5 / 4.9
20 W Power supply	13.6 ft (4.1 m) / 19 mods	24.0 ft (7.3 m) / 36 mods	20.0 ft (6.1 m) / 50 mods	10.0 ft (3.0 m) / 15 mods
60 W Power supply	40.0 ft (12.2 m) / 56 mods	72.0 ft (21.9 m) / 108 mods	60.0 ft (18.3 m) / 150 mods	30.0 ft (9.1 m) / 45 mods
120 W Power supply	2 x 40.0 ft (12.2 m) / 56 mods	2 x 72.0 ft (21.9 m) / 108 mods	2 x 60.0 ft (18.3 m) / 150 mods	2 x 30.0 ft (9.1 m) / 45 mods
Watts per module	0.96	0.50	0.36	1.20



* 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, 7,241,031, 7,520,771.



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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		
Standard	White (7200 K, 6500 K)	3"	2	6.5"	7" on center	6	5
		4"	1.5	10"	11.5" on center	10.5	9.5
		5"	1.4	11"	12" on center	11	10
	Red	3"	2	7"	6.5" on center	5.5	4.5
		4"	1.5	9"	12" on center	11	10
		5"		12"	13" on center	12	11
	Green	3"	2	7"	6" on center	5	4
		4"	1.5	8"	7" on center		
		5"		11"	10" on center	9	8
	Blue	3"	2	7"	5.5" on center	4.5	3.5
		4"	1.5	9"	8" on center	7	6
		5"		10"	9" on center	8	7
HO	White (6500 K)	4"	1.5	13"	12" on center	11	10
		5"		14"	13" on center	12	11
		8"		15.5"	14" on center	13	12
Mini	White (6500 K, 5000 K, 3000 K)	2"	3	4"	4.5" on center	3	2
		3"	2.5	8"	7" on center	6	5
		4"		9"	9" on center	8	7
		5"		12"	11" on center	10	9

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) Products can be used in can depths deeper or shallower than listed above, but testing is recommended.
- 4) The acrylic material used for all testing was 3/16" thickness sign grade 2447 acrylic.

These guidelines are intended to provide only an approximation of SloanLED Prism 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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Specifications subject to change without notice.

