

VL4

Everyday 12 VDC channel letter lighting solutions

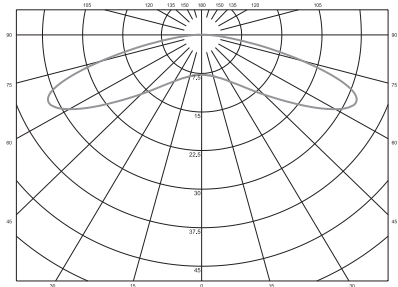
VALUE SERIES

Specifications

Dimensions L × W × H	Whites	55 mm × 18 mm × 7 mm (2.15" × 0.69" × 0.27")
	Colors, HO	78 mm × 18 mm × 7 mm (3.06" × 0.69" × 0.27")
	Mini.....	38 mm × 18 mm × 7 mm (1.50" × 0.69" × 0.27")
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 L ₅₀ at ≤50 ° C ambient
Fastening		Peel-n-stick and mechanical



Luminous Intensity Distribution



Whites

Model	Modules per meter/foot	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	4.6/m (1.4/ft)	7200 K	701269-7W2A1-MB	75-127 mm (3-5")	0.96 W	107	111 lm/W	56 modules (12.2 m / 40.0 ft)	19.6 m / 64.2 ft (90 modules) per bag, 10 bags per carton
		6500 K	701269-6W2A1-MB						
Mini	8.2/m (2.5/ft)	6500 K	701269-6W1A1-MB	50-75 mm (2-3")	0.36 W	40	111 lm/W	150 modules (18.3 m / 60.0 ft)	11.0 m / 36.0 ft (90 modules) per bag, 5 bags per carton
		5000 K	701269-5W1A1-MB						
		3000 K	701269-3W1A1-MB						
HO	4.9/m (1.5/ft)	6500 K	701269-6W3A1-MB	127-200 mm (5-8")	1.20 W	130	108 lm/W	45 modules (9.1 m / 30.0 ft)	9.1 m / 30 ft (45 modules) per bag, 10 bags per carton

Colors

Part number	Color	Nominal wavelength	Modules per meter/foot	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	4.9/m (1.5/ft)	75-127 mm (3-5")	0.50 W	20	40 lm/W	108 modules (21.9 m / 72.0 ft)	9.2 m / 30.0 ft (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 meter/foot	4.6 / 1.4	4.9 / 1.5	8.2 / 2.5	4.9 / 1.5
25 W Power supply	5.0 m / 23 mods	9.1 m / 45 mods	7.6 m / 50 mods	3.9 m / 15 mods
60 W Power supply	12.2 m / 56 mods	21.9 m / 108 mods	18.3 m / 150 mods	9.1 m / 45 mods
120 W Power supply	2 × 12.2 m / 56 mods	2 × 21.9 m / 108 mods	2 × 18.3 m / 150 mods	2 × 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

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
VL4	White (7200 K, 6500 K)	75 mm	6.5	175	150	125	0.96	37.1	43.3
		100 mm	4.6	225	200	175		20.4	23.0
		125 mm		300	275	250		15.3	16.7
	Red	75 mm	6.5	150	125	100	0.50	43.3	52.0
		100 mm	4.9	225	200	175		21.8	24.5
		125 mm		275	250	225		17.8	19.6
	Green	75 mm	6.5	150	125	100	0.50	43.3	52.0
		100 mm	4.9	225	200	175		21.8	24.5
		125 mm		275	250	225		17.8	19.6
	Blue	75 mm	6.5	150	125	100	0.50	43.3	52.0
		100 mm	4.9	200	200	175		21.8	24.5
		125 mm		275	250	225		17.8	19.6
Mini	White (6500 K, 5000 K, 3000 K)	50 mm	10	125	100	75	0.36	80.0	100.0
		75 mm	8	175	150	125		45.7	53.3
		125 mm		275	250	225		29.1	32.0
HO	White (6500 K)	125 mm	4.9	325	300	275	1.2	15.1	16.3
		200 mm		350	325	300		14.0	15.1

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.

SloanLED Headquarters
805.676.3200 • info@SloanLED.com

SloanLED Europe b.v.
+31 88 12 44 900 • Europe@SloanLED.com



SloanLED.com

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Specifications subject to change without notice.

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