

PRISM ENLIGHTEN ¹²VDC

Breakthrough LED lens technology



Specifications

SKU	7100 K	701269-7WEJ1-MB
	6500 K	701269-6WEJ1-MB
	5700 K	701269-57EJ1-MB
	5000 K	701269-5WEJ1-MB
	4000 K	701269-4WEJ1-MB
	3000 K	701269-3WEJ1-MB

Dimensions L x W x H 2.75" x 0.75" x 0.44"

LEDs per module 3

Modules per ft 1.5

Optimal can depth 3-8"

Operating temperature -40° C to +70° C

Protection class IP66 & IP68*

Binning MacAdam Step 3

Power per module 0.75 W

Efficacy	7100 K, 6500 K, 5700 K,
	5000 K..... 120 lm/W
	4000 K..... 113 lm/W
	3000 K 107 lm/W

Fastening Peel-n-stick and mechanical

Packaging 32.0 ft (48 modules) per tray, 5 trays per carton

Lumens per module.....	7100 K, 6500 K, 5700 K,
(nominal)	5000 K..... 90
	4000 K..... 85
	3000 K 80

* Prism IP68 test parameters are 1.3 m submersion for 30 minutes. Do not mount in submerged application or where module will be directly exposed to prolonged flowing or dripping water.

† Configured for Class 2 Output.

‡ Based on LM-80 data for white LEDs.



Power Supply Options

12 VDC Power Supply	Prism Enlighten
20 W	16 ft / 24 mods
60 W	48 ft / 72 mods
2 x 60 W	2 x 48 ft / 72 mods
Watts per module	0.75



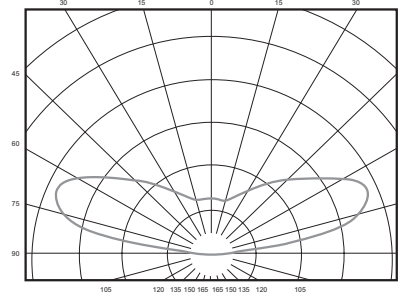
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Specifications subject to change without notice.



Luminous Intensity Distribution



Density Guidelines

Module color	Can depth	Max. stroke coverage per row		in. on center dark vinyl	in. on center perforated vinyl
		Single row	Multiple rows		
7100 K, 6500 K, 5700 K,	3"	10"	7" on center	6	5
5000 K, 4000 K,	4"	12"	9" on center	8	7
3000 K	5-8"	14"	13" on center	12	11

These guidelines are intended to provide only an approximation of product required for your sign, assuming an optimal balance of performance and cost. Principal Sloan is not responsible for the actual results based on the use of these guidelines. All spacing guidelines in this chart were done using 7328 White Acrylic faces. Other materials, thicknesses, and color can affect these guidelines in your sign. To ensure accuracy, it is recommended that you test the product in your specific application in a dark setting prior to installation. If you have concerns or questions about the materials you are using for your application please contact us for assistance.

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, start 3" from return
- Products can be used in can depths deeper or shallower than listed above, but testing is recommended

