PRISM ENLIGHTEN 12 VDC

Breakthrough LED lens technology

PRISM

Specifications

SKU 701269-6W12EJ1-MB

Dimensions L × W × H ..... 2.75" × 0.75" × 0.44"

LEDs per module 3

Modules per ft 1.5

Optimal can depth ..... 3-8"

Operating temperature ..... -40° C to +70° C

Color temperature ..... 6500 K

Protection class ..... IP66 & IP68*

Binning ..... MacAdam Step 3

Power per module ..... 0.75 W

Efficacy ..... 120 lm/W

Fastening ..... Peel-n-stick and mechanical

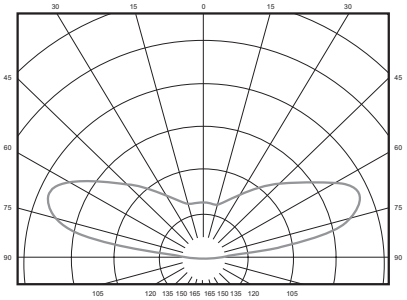
Packaging ..... 32.0 ft (48 modules) per tray, 5 trays per carton

Lumens per module (nominal) 90

* 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.



Luminous Intensity Distribution



Power Supply Options

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

Density Guidelines

Can depth	Max. stroke coverage per row: Single row	Max. stroke coverage per row: Multiple rows	in. on center dark vinyl	in. on center perforated vinyl
3"	10"	7" on center	6	5
4"	12"	9" on center	8	7
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

10 YEAR Product & Labor WARRANTY

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