PRISM²⁴ HO

24 VDC

*Premium 24V LED lighting solution
for large channel letters*

PRISM

Specifications

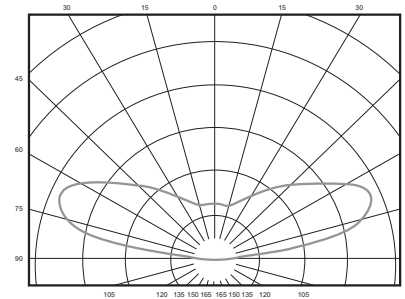|	
Part number	6500 K 701269-6W24HJ3-MB
	5000 K 701269-5W24HJ3-MB
Dimensions L × W × H	2.4" × 0.5" × 0.4"
LEDs per module	4
Modues per foot	0.86
Optimal can depth	5-12"
Mounting options	Peel-N-Stick and mechanical
Optional dimming	PWM (Pulse width modulation, SloanLED Universal LED Wiresless Dimmer 601115)
Operating temp.	-40° C to +70° C
Color temperatures (CCT)	6500 K, 5000 K
Binning	MacAdam Ellipse 3-Step
Power per module	1.20 W
Efficacy	150 lm/W
Lumens per module (nominal)	180
Environment	IP66 & IP68*
Packaging	47.5 ft (38 modules) per bag, 5 bags per carton
Life rating	>60,000 hours‡
Warranty	10-Year Product / Labor

* Prism²⁴ 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.

c**UL**us E215393   **CE**   c**CSA**us 241542   c**UL**us CERTIFIED E228569   **UKCA**   **RoHS** Compliant

Luminous Intensity Distribution

Power Supply Options

24 VDC Power Supply†	Prism²⁴ HO
60 W	56.3 ft / 45 mods
100 W	93.8 ft/ 75 mods
300 W	3 × 93.8 ft / 75 mods

Density Guidelines

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**		
White (6500 K, 5000 K)	5"	0.8	15"	15" on center	14	13
	8"		20"			

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 Principal Sloan customer service representative
• Products can be used in can depths deeper or shallower than listed above, but testing is recommended

10 YEAR Product & Labor **WARRANTY**

PRINCIPAL SLOAN
A Principal Industries Company