

SPECTRUM FX MODULE 24 VDC

24V RGBW LED channel letter lighting solution



Specifications

SKU	1-Diode	M-SPTC01-24-FX
	3-Diode	M-SPTC03-24-FX
Dimensions L x W x H	1-Diode	1.54" x 0.75" x 0.43"
	3-Diode	2.78" x 0.70" x 0.43"
LEDs per module	1-Diode	1
	3-Diode	3
Modules per foot	1-Diode	2
	3-Diode	1.5
Optimal can depth	4-8"	
Color temperature	6500 K	
Nominal wavelength	Red	615-625 nm
	Green	520-530 nm
	Blue	460-470 nm

For use with Principal Sloan
DMX line of controllers



Efficacy

	1-Diode	3-Diode
Red	17.6 lm/W	27.8 lm/W
Green	44.0 lm/W	49.5 lm/W
Blue	9.2 lm/W	11.7 lm/W
White	44.9 lm/W	50.8 lm/W
RGBW all (White)	52.5 lm/W	48.3 lm/W

Power Supply Options

	1-Diode	3-Diode
Mods/bag	180	90
Mods/strand	90	45
Strands/bag	2	2
Mods/case	900 (5 bags)	450 (5 bags)
Max mods/96 W power supply	180 (2 strands)	90 (2 strands)

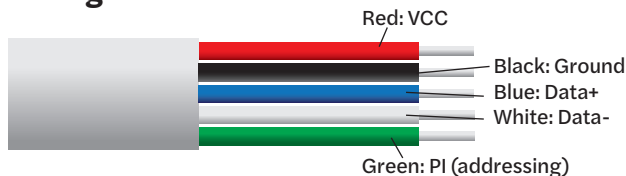
Lumens per channel

	1-Diode	3-Diode
Red	3.8	9.8
Green	10.0	17.5
Blue	2.1	4.1
White	10.8	17.9
RGBW (Total)	26.3	48.0

Mounting options	Peel-N-Stick and mechanical
Operating temp.	-40° C to +60° C
Environment	IP65
Power (W) per module	1-Diode 0.5 W
	3-Diode 0.99 W
Control	DMX
Warranty	10-Year Product / 5-Year Limited Labor



Wiring



Specifications subject to change without notice.



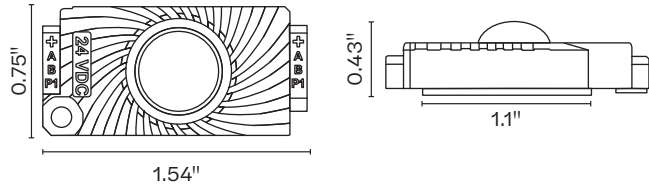
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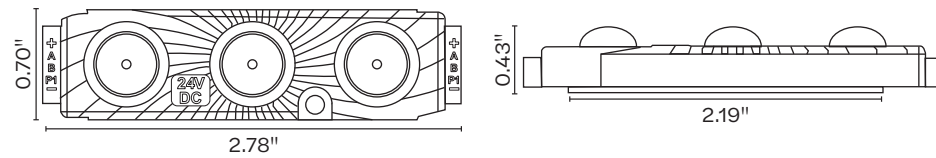


Dimensions

1-Diode



3-Diode



Density Guidelines

Can depth	Max. stroke coverage per row		Inches on center dark vinyl	Inches on center perforated vinyl
	Single row	Multiple rows		
4"	9"	6" on center	Testing required	Testing required
5"	12"	8" on center		
6"				

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



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