PRISM SYNERGY MODS G2 24 VDC

High-performance 24V LED channel letter illumination

Specifications

Dimensions L × W × H ..... Micro .....1.12" × 0.35" × 0.36"
Mini .....1.85" × 0.68" × 0.45"
Spec.....1.79" × 0.65" × 0.47"
HO.....3.13" × 0.65" × 0.47"

Beam angle ..... 170°

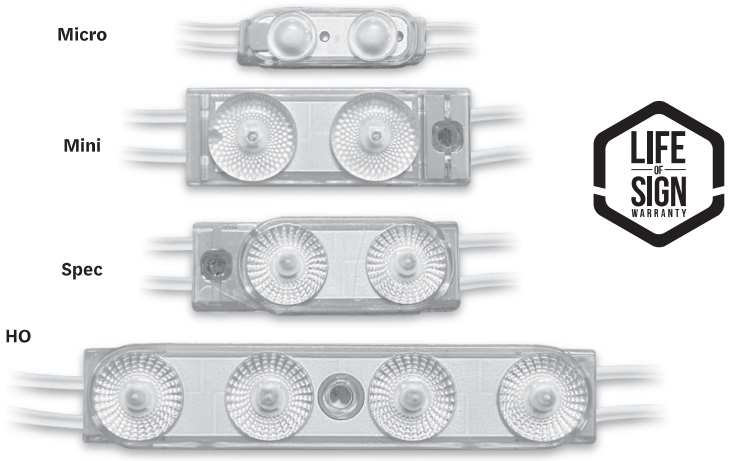
Mounting options ..... Micro .....Peel-N-Stick
Mini, Spec, HO.....Peel-N-Stick and mechanical

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

Environment IP67

Wire color ..... White (+) / Gray (-)

Warranty ..... Life of Sign Warranty/10-year Limited Labor



Whites

Product	Mods per ft	Color temp.	SKU	Power	Intensity	Efficacy	Packaging	Max. mods per 96 W power supply
Micro	6	7100 K	M-SY2MC1-24-71	0.28 W /mod	49 lm/mod (297 lm/ft)	176 lm/W	Mods per bag: 300 Mods per strand: 60 Strands per bag: 5 Bags per case: 16 Mods per case: 4800	320 (53.33 ft)
		6500 K	M-SY2MC1-24-65					
		5000 K	M-SY2MC1-24-50					
		4100 K	M-SY2MC1-24-41					
		3000 K	M-SY2MC1-24-30					
Mini	1.7	7100 K	M-SY2MN1-24-71	0.62 W /mod	100 lm/mod (170 lm/ft)	161 lm/W	Mods per bag: 140 Mods per strand: 70 Strands per bag: 2 Bags per case: 10 Mods per case: 1400	140 (85.29 ft)
		6500 K	M-SY2MN1-24-65					
		5700 K	M-SY2MN1-24-57					
		5000 K	M-SY2MN1-24-50					
		4100 K	M-SY2MN1-24-41					
		3000 K	M-SY2MN1-24-30					
Spec	1.3	7100 K	M-SY2SP1-24-71	0.87 W /mod	148 lm/mod (192 lm/ft)	170 lm/W	Mods per bag: 100 Mods per strand: 50 Strands per bag: 2 Bags per case: 10 Mods per case: 1000	100 (79.23 ft)
		6500 K	M-SY2SP1-24-65					
		5700 K	M-SY2SP1-24-57					
		5000 K	M-SY2SP1-24-50					
		4100 K	M-SY2SP1-24-41					
		3000 K	M-SY2SP1-24-30					
HO	1.2	7100 K	M-SY2HO1-24-71	1.33 W /mod	239 lm/mod (286 lm/ft)	179 lm/W	Mods per bag: 72 Mods per strand: 36 Strands per bag: 2 Bags per case: 14 Mods per case: 1008	72 (60 ft)
		6500 K	M-SY2HO1-24-65					
		5700 K	M-SY2HO1-24-57					
		5000 K	M-SY2HO1-24-50					
		4100 K	M-SY2HO1-24-41					
		3000 K	M-SY2HO1-24-30					

c UL us E532466 CE RoHS Compliant

Specifications subject to change without notice.

PRINCIPAL SLOAN
A Principal Industries Company

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Specifications (cont.)

Colors

Product	Mods per ft	Color temp.	SKU	Power /mod	Intensity	Efficacy	Packaging	Max. mods per 96 W power supply
Mini	2.0	Red (625 nm)	M-SY2MN1-24-RD	0.26 W	15 lm/mod (28 lm/ft)	57 lm/W	Mods per bag: 360 Mods per strand: 6 Strands per bag: 60 Bags per case: 4 Mods per case: 1440	360 (180.00 ft)
		Green (525 nm)	M-SY2MN1-24-GR		37 lm/mod (73 lm/ft)	140 lm/W		
		Blue (460 nm)	M-SY2MN1-24-BL	0.41 W	11 lm/mod (22 lm/ft)	27 lm/W		220 (110.00 ft)
Spec	1.5	Red (625 nm)	M-SY2SP1-24-RD	0.45 W	25 lm/mod (38 lm/ft)	56 lm/W	Mods per bag: 200 Mods per strand: 4 Strands per bag: 50 Bags per case: 5 Mods per case: 1000	200 (133.33 ft)
		Green (525)	M-SY2SP1-24-GR		60 lm/mod (90 lm/ft)	132 lm/W		
		Blue (460 nm)	M-SY2SP1-24-BL	0.71 W	18 lm/mod (27 lm/ft)	25 lm/W		120 (80.00 ft)

Life of Sign Warranty

- The Life of Sign Warranty only applies to the Prism Synergy modules in applications, not the power supply.
- The product warranty itself is the same as it is for all of our other products as outlined in the Principal Sloan Warranty Statement; only the duration of the coverage has changed.
- The lifetime product coverage will require the submission of the **Principal Sloan Warranty Registration Form** within 30 days of the installation of the sign.
- If the Warranty Registration Form is submitted within the specified 30-day period, the term of the coverage begins at the date of the sign installation.
- If the Warranty Registration Form is not submitted within the specified 30-day period, the term of the coverage begins at the manufacture date code on the products.
- The lifetime warranty will only apply to the original and unaltered sign
- For specification work, the warranty is with the OEM or National Program End-User per contract agreement to use the Prism Synergy Series.

Recommended Coverage Charts

Channel Letters

Model	Depth	Mods/ft	Single stroke max. width	Multi-row on-center spacing (max.)
Prism Synergy Micro (all CCTs)	2"	6	4"	3"
	3"		6"	5"
	4"			7"
Prism Synergy Mini (all CCTs & colors)	2"	2.5	6"	4"
	3"	1.7	10"	8"
	4"		16"	14"
	5"			16"
Prism Synergy Spec (all CCTs & colors)	3"	1.3	10"	8"
	4"		14"	12"
	5"		22"	20"
	6"			
Prism Synergy HO (all CCTs)	5"	1.2	16"	14"
	6"		18"	17"
	7"		19"	18"
	8-12"		20"	

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