

PRISM SYNERGY STIKS **G2** **24** VDC

High-performance 24V LED illumination for new & retrofit sign cabinet applications



Specifications

Dimensions L x W x H Single-sided See table x 0.65" x 0.72"
Double-sided See table x 0.65" x 1.19"

Packaging Single-sided 24 per carton
Double-sided 16 per carton

Beam angle HO 170°

Warranty Life of Sign Warranty/10-year Labor

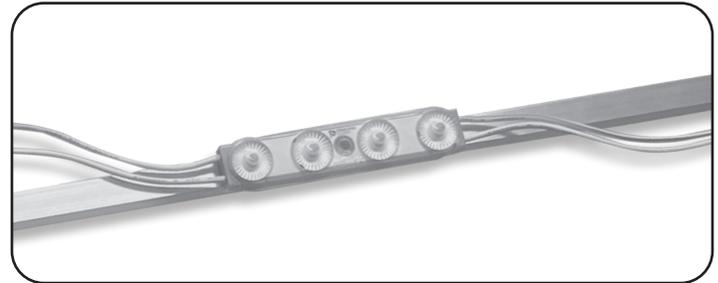
Mounting options Socket (retro) / Brackets (new)

Operating temp. -40° C to +70° C

Environment IP67

Wire color Red (+) / Black (-)

Whip length 18-48" stik 36"
60-120" stik 72"



Product Options

Prism Synergy Stik HO



	Length	Nominal length	No. of mods	Lumens per Stik	Lumens/ft	Power /stik	Max. units (96 W)	Max. units (288 W)	SKU*
SINGLE-SIDED	18"	15.91"	2	478	361	2.66	36	108	B-SY2HO1-S02-018XX
	24"	21.91"	2	478	262	2.66	36	108	B-SY2HO1-S02-024XX
	30"	27.91"	3	717	308	3.99	24	72	B-SY2HO1-S03-030XX
	36"	33.91"	3	717	254	3.99	24	72	B-SY2HO1-S03-036XX
	42"	39.91"	4	956	287	5.32	18	54	B-SY2HO1-S04-042XX
	48"	45.91"	5	1195	312	6.65	14	42	B-SY2HO1-S05-048XX
	60"	57.91"	6	1434	297	7.98	12	36	B-SY2HO1-S06-060XX
	64"	61.91"	6	1434	278	7.98	12	36	B-SY2HO1-S06-064XX
	72"	69.91"	7	1673	287	9.31	10	30	B-SY2HO1-S07-072XX
	84"	81.91"	8	1912	280	10.64	9	27	B-SY2HO1-S08-084XX
	96"	93.91"	9	2151	275	11.97	8	24	B-SY2HO1-S09-096XX
	108"	105.91"	10	2390	271	13.30	7	21	B-SY2HO1-S10-108XX
117"	114.91"	11	2629	275	14.63	6	18	B-SY2HO1-S11-117XX	
120"	117.91"	11	2629	268	14.63	6	18	B-SY2HO1-S11-120XX	
DOUBLE-SIDED	18"	15.91"	4	956	721	5.32	18	54	B-SY2HO1-D04-018XX
	24"	21.91"	4	956	524	5.32	18	54	B-SY2HO1-D04-024XX
	30"	27.91"	6	1434	617	7.98	12	36	B-SY2HO1-D06-030XX
	36"	33.91"	6	1434	507	7.98	12	36	B-SY2HO1-D06-036XX
	42"	39.91"	8	1912	575	10.64	9	27	B-SY2HO1-D08-042XX
	48"	45.91"	10	2390	625	13.30	7	21	B-SY2HO1-D10-048XX
	60"	57.91"	12	2868	594	15.96	6	18	B-SY2HO1-D12-060XX
	64"	61.91"	12	2868	556	15.96	6	18	B-SY2HO1-D12-064XX
	72"	69.91"	14	3346	574	18.62	5	15	B-SY2HO1-D14-072XX
	84"	81.91"	16	3824	560	21.28	4	12	B-SY2HO1-D16-084XX
	96"	93.91"	18	4302	550	23.94	4	12	B-SY2HO1-D18-096XX
	108"	105.91"	20	4780	542	26.60	3	9	B-SY2HO1-D20-108XX
117"	114.91"	22	5258	549	29.26	3	9	B-SY2HO1-D22-117XX	
120"	117.91"	22	5258	535	29.26	3	9	B-SY2HO1-D22-120XX	



* XX can be 71 (7100 K), 65 (6500 K), 57 (5700 K), 50 (5000 K), 41 (4100 K), or 30 (3000 K)

This product is covered by issued U.S. Patent No. 9,851,054 and 10,024,501.
Specifications subject to change without notice.



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Recommended Coverage Chart (Cabinets)

Prism Synergy Stik	Depth from stik to face	Estimated spacing between stiks
HO	5"	12"
	6-7"	16"
	8-12"	18"
	>18"	Use two banks of single-sided

Product and depth may vary depending on face material and desired brightness. 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.

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.



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