

# PRISM SYNERGY STIK DEEP

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 0.73" x 0.63"  
Double-sided.....See table x 0.73" x 1.01"
- Beam angle ..... 140°
- Mounting options ..... Socket (retro) / Brackets (new)
- Operating temp. .... -40° C to +70° C
- Environment ..... IP67
- Wire color ..... White (+) / Gray (-)
- Packaging ..... Single-sided.....24  
Double-sided.....16
- Warranty ..... Life of Sign Warranty/10-year Labor



## Product Options



	Length	Nominal length	No. of mods	Lumens per Stik	Lumens/ft	Power	Max. units (100 W)	Max. units (300 W)	UL number	SKU*
SINGLE-SIDED	18"	15.91"	3	624	471	3.99	24	72	PL-SY4-DP2-P/ST-SS-18	B-SY-S03-018XX-DP
	24"	21.91"	4	832	456	5.32	18	54	PL-SY4-DP2-P/ST-SS-24	B-SY-S04-024XX-DP
	30"	27.91"	4	832	358	5.32	18	54	PL-SY4-DP2-P/ST-SS-30	B-SY-S04-030XX-DP
	36"	33.91"	5	1040	368	6.65	14	42	PL-SY4-DP2-P/ST-SS-36	B-SY-S05-036XX-DP
	42"	39.91"	6	1248	375	7.98	12	36	PL-SY4-DP2-P/ST-SS-42	B-SY-S06-042XX-DP
	48"	45.91"	7	1456	381	9.31	10	30	PL-SY4-DP2-P/ST-SS-48	B-SY-S07-048XX-DP
	60"	57.91"	9	1872	388	11.97	8	24	PL-SY4-DP2-P/ST-SS-60	B-SY-S09-060XX-DP
	64"	61.91"	10	2080	403	13.30	7	21	PL-SY4-DP2-P/ST-SS-64	B-SY-S10-064XX-DP
	72"	69.91"	11	2288	393	14.63	6	18	PL-SY4-DP2-P/ST-SS-72	B-SY-S11-072XX-DP
	84"	81.91"	12	2496	366	15.96	6	18	PL-SY4-DP2-P/ST-SS-84	B-SY-S12-084XX-DP
	96"	93.91"	14	2912	372	18.62	5	15	PL-SY4-DP2-P/ST-SS-96	B-SY-S14-096XX-DP
	108"	105.91"	16	3328	377	21.28	4	12	PL-SY4-DP2-P/ST-SS-108	B-SY-S16-108XX-DP
	117"	114.91"	17	3536	369	22.61	4	12	PL-SY4-DP2-P/ST-SS-117	B-SY-S17-117XX-DP
	120"	117.91"	18	3744	381	23.94	4	12	PL-SY4-DP2-P/ST-SS-120	B-SY-S18-120XX-DP
DOUBLE-SIDED	18"	15.91"	6	1248	941	7.98	12	36	PL-SY4-DP2-P/ST-DS-18	B-SY-D06-018XX-DP
	24"	21.91"	8	1664	911	10.64	9	27	PL-SY4-DP2-P/ST-DS-24	B-SY-D08-024XX-DP
	30"	27.91"	8	1664	715	10.64	9	27	PL-SY4-DP2-P/ST-DS-30	B-SY-D08-030XX-DP
	36"	33.91"	10	2080	736	13.30	7	21	PL-SY4-DP2-P/ST-DS-36	B-SY-D10-036XX-DP
	42"	39.91"	12	2496	750	15.96	6	18	PL-SY4-DP2-P/ST-DS-42	B-SY-D12-042XX-DP
	48"	45.91"	14	2912	761	18.62	5	15	PL-SY4-DP2-P/ST-DS-48	B-SY-D14-048XX-DP
	60"	57.91"	18	3744	776	23.94	4	12	PL-SY4-DP2-P/ST-DS-60	B-SY-D18-060XX-DP
	64"	61.91"	20	4160	806	26.60	3	9	PL-SY4-DP2-P/ST-DS-64	B-SY-D20-064XX-DP
	72"	69.91"	22	4576	785	29.26	3	9	PL-SY4-DP2-P/ST-DS-72	B-SY-D22-072XX-DP
	84"	81.91"	24	4992	731	31.92	3	9	PL-SY4-DP2-P/ST-DS-84	B-SY-D24-084XX-DP
	96"	93.91"	28	5824	744	37.24	2	6	PL-SY4-DP2-P/ST-DS-96	B-SY-D28-096XX-DP
	108"	105.91"	32	6656	754	42.56	2	6	PL-SY4-DP2-P/ST-DS-108	B-SY-D32-108XX-DP
	117"	114.91"	34	7072	739	45.22	2	6	PL-SY4-DP2-P/ST-DS-117	B-SY-D34-117XX-DP
	120"	117.91"	36	7488	762	47.88	2	6	PL-SY4-DP2-P/ST-DS-120	B-SY-D36-120XX-DP

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

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## Recommended Coverage Chart (Cabinets)

Depth from stik to face	Estimated spacing between stiks
10 - 14"	12"
14 - 18"	16"
18 - 20"	24"
>20"	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.



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