

PATRIOT™ STIKS ²⁴VDC

Made 100% in the USA



Specifications

Beam angleXL170° Ultra-wide dome
batwing optic
XL Deep.....120° High dome

Mounting options Socket (retro) / Brackets (new)

Color temperature..... 6500 K

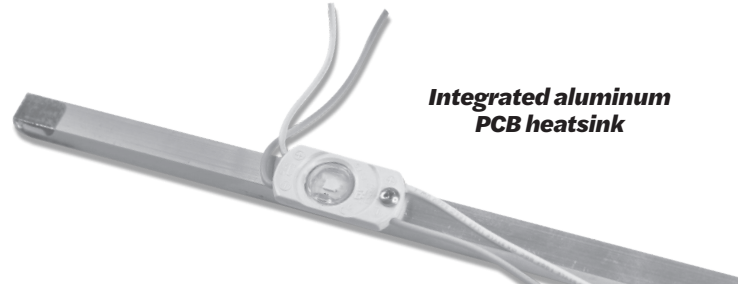
Operating temp.....-40° C to +60° C

Protection grade IP67

Wire color Red (+) / Black (-)

Packaging Single-sided.....24 pieces per tube for 96
12 pieces per tube for 108>
Double-sided.....16 pieces per tube for 96
8 pieces per tube for 108>

Warranty 10-Year Product / 5-year Limited Labor



Product Options

| | Length | Nominal length | No. of mods | Lumens per Stik | Power | Max. units (96 W) | Whips | UL number | | SKU* | | |
|--------------|---------|----------------|-------------|-----------------|-------|------------------------|------------------------|------------------------|------------------------|-----------------------|-------------------|-------------------|
| | | | | | | | | XL | XL Deep | XL | XL Deep | |
| | | | | | | | | | | | | |
| SINGLE-SIDED | 18" | 15.91" | 2 | 288 | 2.66 | 36.00 | 3 ft | PL-PT65-XL-P/ST-SS-18 | PL-PT65-XD-P/ST-SS-18 | B-PT-S02-01865-XL | B-PT-S02-01865-XD | |
| | 24" | 21.91" | 3 | 432 | 3.99 | 24.00 | | PL-PT65-XL-P/ST-SS-24 | PL-PT65-XD-P/ST-SS-24 | B-PT-S03-02465-XL | B-PT-S03-02465-XD | |
| | 30" | 27.91" | 4 | 576 | 5.32 | 18.00 | | PL-PT65-XL-P/ST-SS-30 | PL-PT65-XD-P/ST-SS-30 | B-PT-S04-03065-XL | B-PT-S04-03065-XD | |
| | 36" | 33.91" | 5 | 720 | 6.65 | 14.00 | | PL-PT65-XL-P/ST-SS-36 | PL-PT65-XD-P/ST-SS-36 | B-PT-S05-03665-XL | B-PT-S05-03665-XD | |
| | 42" | 39.91" | 6 | 864 | 7.98 | 12.00 | | PL-PT65-XL-P/ST-SS-42 | PL-PT65-XD-P/ST-SS-42 | B-PT-S06-04265-XL | B-PT-S06-04265-XD | |
| | 48" | 45.91" | 7 | 1008 | 9.31 | 10.00 | | PL-PT65-XL-P/ST-SS-48 | PL-PT65-XD-P/ST-SS-48 | B-PT-S07-04865-XL | B-PT-S07-04865-XD | |
| | 60" | 57.91" | 8 | 1152 | 10.64 | 9.00 | 6 ft | PL-PT65-XL-P/ST-SS-60 | PL-PT65-XD-P/ST-SS-60 | B-PT-S08-06065-XL | B-PT-S08-06065-XD | |
| | 64" | 61.91" | 9 | 1296 | 11.97 | 8.00 | | PL-PT65-XL-P/ST-SS-64 | PL-PT65-XD-P/ST-SS-64 | B-PT-S09-06465-XL | B-PT-S09-06465-XD | |
| | 72" | 69.91" | 10 | 1440 | 13.30 | 7.00 | | PL-PT65-XL-P/ST-SS-72 | PL-PT65-XD-P/ST-SS-72 | B-PT-S10-07265-XL | B-PT-S10-07265-XD | |
| | 84" | 81.91" | 11 | 1584 | 14.63 | 6.00 | | PL-PT65-XL-P/ST-SS-84 | PL-PT65-XD-P/ST-SS-84 | B-PT-S11-08465-XL | B-PT-S11-08465-XD | |
| | 96" | 93.91" | 12 | 1728 | 15.96 | 6.00 | | PL-PT65-XL-P/ST-SS-96 | PL-PT65-XD-P/ST-SS-96 | B-PT-S12-09665-XL | B-PT-S12-09665-XD | |
| | 108" | 105.91" | 17 | 2448 | 22.61 | 4.00 | | PL-PT65-XL-P/ST-SS-108 | PL-PT65-XD-P/ST-SS-108 | B-PT-S17-10865-XL | B-PT-S17-10865-XD | |
| DOUBLE-SIDED | 117" | 114.91" | 18 | 2592 | 23.94 | 4.00 | 6 ft | PL-PT65-XL-P/ST-SS-117 | PL-PT65-XD-P/ST-SS-117 | B-PT-S18-11765-XL | B-PT-S18-11765-XD | |
| | 120" | 117.91" | 18 | 2592 | 23.94 | 4.00 | | PL-PT65-XL-P/ST-SS-120 | PL-PT65-XD-P/ST-SS-120 | B-PT-S18-12065-XL | B-PT-S18-12065-XD | |
| | 18" | 15.91" | 4 | 576 | 5.32 | 18.00 | | 3 ft | PL-PT65-XL-P/ST-DS-18 | PL-PT65-XD-P/ST-DS-18 | B-PT-D04-01865-XL | B-PT-D04-01865-XD |
| | 24" | 21.91" | 6 | 864 | 7.98 | 12.00 | | | PL-PT65-XL-P/ST-DS-24 | PL-PT65-XD-P/ST-DS-24 | B-PT-D06-02465-XL | B-PT-D06-02465-XD |
| | 30" | 27.91" | 8 | 1152 | 10.64 | 9.00 | | | PL-PT65-XL-P/ST-DS-30 | PL-PT65-XD-P/ST-DS-30 | B-PT-D08-03065-XL | B-PT-D08-03065-XD |
| | 36" | 33.91" | 10 | 1440 | 13.30 | 7.00 | | | PL-PT65-XL-P/ST-DS-36 | PL-PT65-XD-P/ST-DS-36 | B-PT-D10-03665-XL | B-PT-D10-03665-XD |
| | 42" | 39.91" | 12 | 1728 | 15.96 | 6.00 | PL-PT65-XL-P/ST-DS-42 | | PL-PT65-XD-P/ST-DS-42 | B-PT-D12-04265-XL | B-PT-D12-04265-XD | |
| | 48" | 45.91" | 14 | 2016 | 18.62 | 5.00 | PL-PT65-XL-P/ST-DS-48 | | PL-PT65-XD-P/ST-DS-48 | B-PT-D14-04865-XL | B-PT-D14-04865-XD | |
| | 60" | 57.91" | 16 | 2304 | 21.28 | 4.00 | 6 ft | PL-PT65-XL-P/ST-DS-60 | PL-PT65-XD-P/ST-DS-60 | B-PT-D16-06065-XL | B-PT-D16-06065-XD | |
| | 64" | 61.91" | 18 | 2592 | 23.94 | 4.00 | | PL-PT65-XL-P/ST-DS-64 | PL-PT65-XD-P/ST-DS-64 | B-PT-D18-06465-XL | B-PT-D18-06465-XD | |
| | 72" | 69.91" | 20 | 2880 | 26.60 | 3.00 | | PL-PT65-XL-P/ST-DS-72 | PL-PT65-XD-P/ST-DS-72 | B-PT-D20-07265-XL | B-PT-D20-07265-XD | |
| | 84" | 81.91" | 22 | 3168 | 29.26 | 3.00 | | PL-PT65-XL-P/ST-DS-84 | PL-PT65-XD-P/ST-DS-84 | B-PT-D22-08465-XL | B-PT-D22-08465-XD | |
| 96" | 93.91" | 24 | 3456 | 31.92 | 3.00 | PL-PT65-XL-P/ST-DS-96 | | PL-PT65-XD-P/ST-DS-96 | B-PT-D24-09665-XL | B-PT-D24-09665-XD | | |
| 108" | 105.91" | 34 | 4896 | 45.22 | 2.00 | PL-PT65-XL-P/ST-DS-108 | | PL-PT65-XD-P/ST-DS-108 | B-PT-D34-10865-XL | B-PT-D34-10865-XD | | |
| 117" | 114.91" | 36 | 5184 | 47.88 | 2.00 | 6 ft | PL-PT65-XL-P/ST-DS-117 | PL-PT65-XD-P/ST-DS-117 | B-PT-D36-11765-XL | B-PT-D36-11765-XD | | |
| 120" | 117.91" | 36 | 5184 | 47.88 | 2.00 | | PL-PT65-XL-P/ST-DS-120 | PL-PT65-XD-P/ST-DS-120 | B-PT-D36-12065-XL | B-PT-D36-12065-XD | | |

This product is covered by issued U.S. Patent No. 9,851,054 and 10,024,501.

Specifications subject to change without notice.



PATRIOT™ STIKS ²⁴_{VDC}

Made 100% in the USA



Recommended Coverage Chart (Cabinets)

| Patriot™ Stik | Depth from stik to face | Estimated spacing between stiks |
|---------------|-------------------------|---------------------------------|
| XL | 5" | 10" |
| | 6 - 12" | 12" |
| XL Deep | 10 - 11" | 10" |
| | 12 - 18" | 12" |

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.



principalsloan.com
325.227.4577
3490 Venture Dr., San Angelo, TX 76905

© 2025 Principal Industries Rev A 2025-03-05

