

# PATRIOT SERIES™ 24 VDC

Made 100% in the USA



## Specifications

- Dimensions L x W x H ..... 1.4" x 0.69" x 0.25"
- Beam angle ..... Small, Medium, ..... 170° Ultra-wide dome batwing optic  
Large, XL  
XL Deep..... 120° Dome optic
- Mounting options ..... Peel & Stick, mechanical screw hole
- Operating temp..... -40° C to +60° C
- Environment ..... IP67
- Spacing ..... Small ..... 2.5 mods/ft  
**(fully-stretched)** Medium, Large, ..... 1.67 mods/ft  
XL, XL Deep
- Wire color ..... White (+) / Gray (-)
- Warranty ..... 10-Year Product / 5-year Limited Labor

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**Qwik Release Tabs  
reduce labor time**

**Integrated  
aluminum PCB  
heatsink**

Product	Max. mods (series)	Color temperature	SKU	Power	Intensity	Efficacy	Packaging	Max. mods per 96 W power supply	UL number
<b>Patriot Small</b>	60 mods (24 ft)	7100 K	M-PTSM0-71	0.40 W/mod (1.0 W/ft)	48 lm/mod (120 lm/ft)	120 lm/W	Mods per bag: 240 (96 ft) Mods per case: 1920 (768 ft)	240 (96 ft)	PL-PT71-SM-P
		6800 K*	M-PTSM0-68						PL-PT68-SM-P
		6500 K	M-PTSM0-65						PL-PT65-SM-P
		5700 K*	M-PTSM0-57						PL-PT57-SM-P
		5000 K*	M-PTSM0-50						PL-PT50-SM-P
		4100 K*	M-PTSM0-41						PL-PT41-SM-P
		3500 K*	M-PTSM0-35						PL-PT35-SM-P
		3000 K*	M-PTSM0-30						PL-PT30-SM-P
		2700 K*	M-PTSM0-27						PL-PT27-SM-P
<b>Patriot Medium</b>	60 mods (35.93 ft)	7100 K	M-PTMD0-71	0.80 W/mod (1.34 W/ft)	96 lm/mod (160 lm/ft)	117 lm/W	Mods per bag: 120 (71.86 ft) Mods per case: 1920 (1149.7 ft)	120 (71.68 ft)	PL-PT71-MD-P
		6800 K*	M-PTMD0-68						PL-PT68-MD-P
		6500 K	M-PTMD0-65						PL-PT65-MD-P
		5700 K*	M-PTMD0-57						PL-PT57-MD-P
		5000 K*	M-PTMD0-50						PL-PT50-MD-P
		4100 K*	M-PTMD0-41						PL-PT41-MD-P
		3500 K*	M-PTMD0-35						PL-PT35-MD-P
		3000 K*	M-PTMD0-30						PL-PT30-MD-P
		2700 K*	M-PTMD0-27						PL-PT27-MD-P
<b>Patriot Large</b>	45 mods (26.95 ft)	7100 K	M-PTLG0-71	1.07 W/mod (1.79 W/ft)	120 lm/mod (200 lm/ft)	112 lm/W	Mods per bag: 90 (53.89 ft) Mods per case: 1800 (1077.84 ft)	90 (53.89 ft)	PL-PT71-LG-P
		6800 K*	M-PTLG0-68						PL-PT68-LG-P
		6500 K	M-PTLG0-65						PL-PT65-LG-P
		5700 K*	M-PTLG0-57						PL-PT57-LG-P
		5000 K*	M-PTLG0-50						PL-PT50-LG-P
		4100 K*	M-PTLG0-41						PL-PT41-LG-P
		3500 K*	M-PTLG0-35						PL-PT35-LG-P
		3000 K*	M-PTLG0-30						PL-PT30-LG-P
		2700 K*	M-PTLG0-27						PL-PT27-LG-P



\* Available in limited supply.

Specifications subject to change without notice.



## Specifications (cont.)

Product	Max. mods (series)	Color temperature	SKU	Power	Intensity	Efficacy	Packaging	Max. mods per 96 W power supply	UL number
Patriot XL	36 mods (21.56 ft)	7100 K	M-PTXLO-71	1.33 W/mod (2.22 W/ft)	144 lm/mod (240 lm/ft)	108 lm/W	Mods per bag: 72 (43.11 ft) Mods per case: 1728 (1034.73 ft)	72 (43.11 ft)	PL-PT71-XL-P
		6800 K*	M-PTXLO-68						PL-PT68-XL-P
		6500 K	M-PTXLO-65						PL-PT65-XL-P
		5700 K*	M-PTXLO-57						PL-PT57-XL-P
		5000 K*	M-PTXLO-50						PL-PT50-XL-P
		4100 K*	M-PTXLO-41						PL-PT41-XL-P
		3500 K*	M-PTXLO-35						PL-PT35-XL-P
		3000 K*	M-PTXLO-30						PL-PT30-XL-P
		2700 K*	M-PTXLO-27						PL-PT27-XL-P
Patriot XL Deep	36 mods (21.56 ft)	7100 K	M-PTXLD-71	1.33 W/mod (2.22 W/ft)	144 lm/mod (240 lm/ft)	108 lm/W	Mods per bag: 72 (43.11 ft) Mods per case: 1728 (1034.73 ft)	72 (43.11 ft)	PL-PT71-XD-P
		6800 K*	M-PTXLD-68						PL-PT68-XD-P
		6500 K	M-PTXLD-65						PL-PT65-XD-P
		5700 K*	M-PTXLD-57						PL-PT57-XD-P
		5000 K*	M-PTXLD-50						PL-PT50-XD-P
		4100 K*	M-PTXLD-41						PL-PT41-XD-P
		3500 K*	M-PTXLD-35						PL-PT35-XD-P
		3000 K*	M-PTXLD-30						PL-PT30-XD-P
		2700 K*	M-PTXLD-27						PL-PT27-XD-P

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## Recommended Coverage Chart

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.

Model	Depth	Mods/ft	Single stroke width	Multi-row on-center spacing
Patriot Small	2"	3.5	6"	3"
	3"	3	10"	6"
	4"	2.5	14"	9"
Patriot Medium	4"	1.67	14"	9"
	5"		16"	14"
	6"		18"	16"
Patriot Large	6"	1.67	18"	16"
	7"		22"	20"
	8"		24"	22"
Patriot XL	6"	1.67	20"	18"
	7"		22"	20"
	8"		24"	22"
Patriot XL Deep	9-11"	1.67	12"	10"
	12-18"		16"	12"



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