

Patriot™ Series

Principal LED's first American-made module.



SPECIFICATIONS

Beam Angle	170° Ultra-Wide Dome Batwing Optic	
Certifications	UL & cUL Recognized (SAM Manual), CE, RoHs	
CCT	Pure White	6500K
Dimensions	Small:	1.4"L x 0.69"W x 0.25"H
	Medium:	1.4"L x 0.69"W x 0.25"H
	Large:	1.4"L x 0.69"W x 0.25"H
	XL:	1.4"L x 0.69"W x 0.25"H
Fastening	Peel & Stick, Mechanical Screw Hole	
Input	24VDC	
Max Mods (Series)	Small:	60 Mods (24 ft.)
	Medium:	60 Mods (35.93 ft.)
	Large:	45 Mods (26.95 ft.)
	XL:	36 Mods (21.56 ft.)
Operating Temp	-40° to +60°C	
Packaging	Small:	240 mods (96 ft.) per bag or 1920 Mods (768 ft.) per case
	Medium:	120 Mods (71.86 ft.) per bag or 1920 Mods (1149.7 ft.) per case
	Large:	90 Mods (53.89 ft.) per bag or 1800 Mods (1077.84) per case
	XL:	72 Mods (43.11 ft.) per bag or 1728 Mods (1034.73 ft.) per case
Power Supply	P-LED 24VDC	
Protection Grade	IP67	
Spacing	Small:	2.5 mods/ft. (fully stretched)
	Medium:	1.67 mods/ft. (fully stretched)
	Large:	1.67 mods/ft. (fully stretched)
	XL:	1.67 mods/ft. (fully stretched)
Warranty	10-Year Product / 5-Year Limited Labor	

FEATURES

- 24V for longer run footages in larger signs (Run up to 96 ft. (Small) on a 24V power source)
- Made 100% in the USA
- Outputs from 120-240 LM/ft.
- Smart Packaging
- Qwik Release tabs
- Integrated Aluminum PCB heatsink
- New: Printed information directly on the back of the release liner for easy product identification in the shop

WIRING DETAILS

White	Positive
Gray	Negative

RECOMMENDED COVERAGE CHART

Depth	Max. Stroke	Mods/ft.	Row Spacing		Product
			Single Row	Multi-Rows O.C.	
2"	6"	2.5	3"	3.5	Small
3"	10"	2.5	6"	3	Small
4"	14"	2.5	9"	2.5	Small
4"	14"	1.67	9"	1.67	Medium
5"	16"	1.67	16"	1.67	Medium
6"	18"	1.67	18"	1.67	Medium
6"	18"	1.67	18"	1.67	Large
6"	18"	1.67	20"	1.67	X-Large
7"	22"	1.67	20"	1.67	Large
7"	22"	1.67	22"	1.67	X-Large
8"	22"	1.67	22"	1.67	Large
8"	24"	1.67	22"	1.67	X-Large

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

PRODUCT OPTIONS

Product	Efficacy	Intensity	Power	Max Mods per 96W	UL Part Number	Ordering Part Number
Patriot Small	120 LM/W	48 LM/mod (120 LM/ft.)	0.40 W/Mod (1.0 W/ft.)	240 mods (96 ft.)	PL-PT65-SM-P	M-PTSM0-65
Patriot Medium	117 LM/W	96 LM/mod (160 LM/ft.)	0.80 W/Mod (1.34 W/ft.)	120 mods (71.68 ft.)	PL-PT65-MD-P	M-PTMD0-65
Patriot Large	112 LM/W	120 LM/mod (200 LM/ft.)	1.07 W/Mod (1.79 W/ft.)	90 mods (53.89 ft.)	PL-PT65-LG-P	M-PTLG0-65
Patriot XL	108 LM/W	144 LM/mod (240 LM/ft.)	1.33 W/Mod (2.22 W/ft.)	72 mods (43.11 ft.)	PL-PT65-XL-P	M-PTXL0-65

