

# DATA SHEET: LED T5 PLUG & PLAY

UL Type A

The PATRIOT LED T5 PLUG & PLAY tube can work with specific T5 electronic ballast. This T5 Plug & Play tube is a direct replacement for T5HO fluorescent tubes.

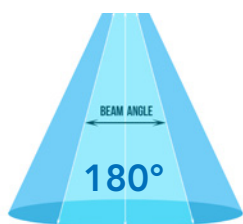
Our LED T5 PLUG & PLAY tubes are backed with our industry-leading 100,000-hour rated lamp life and 10-year warranty. See Ordering Model table below for our BAA compliant products. Contact us for pricing or more information.

## PRODUCT BENEFITS

- Compatible with programmable start T5HO electronic ballast.
- Suitable for damp or dry environments.
- Minimize labor and recycling costs.
- Stable lumen output.
- Mercury free and virtually no UV or IR light.
- The Magic Tube cannot work with magnetic ballasts.
- Comes in dimmable.
- Compatible with over 90% of North American electronic ballasts.
- Glass-free for use in food areas and refrigerated food displays.
- Contains no hazardous materials to eliminate disposal cost.
- Rated Life: 100,000 hrs.
- Limited Warranty: 5-10 YRS.

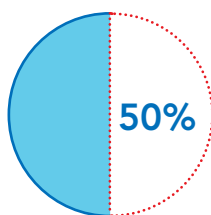


### BEAM ANGLE



Patriot LED Light Distribution

### CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

### WARRANTY



Our Industry-Leading 10-Year Limited Warranty Guarantees Unsurpassed Quality

## TECHNICAL DATA

- CCT: 3500K/4000K/5000K/6000K
- Color Rendering Index (CRI): >80
- Operation Temperature: -30°C to 40°C
- Efficiency with ballast: 130LPW
- Universal voltage: 120V-277V applications
- Input Frequency: 50/60Hz
- High power factor: >0.95
- LED: SMT 2835 chips
- Plastic housing and aluminum

## ORDERING MODEL

PATRIOT TUBE	TUBE TYPE	INTERNAL DRIVER	LENGTH	WATTAGE	INPUT TYPE	CCT
PT	T5	IL	T2 = 2FT T4 = 4FT	9W 15W 18W 25W	PP	3500K 4000K 5000K 6000K
Product Code: example						
PT -T5 ILT 4- W- PP - 4000K						



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## PRODUCT SPECIFICATION

Product No.	BAA/ TAA Option*	Wattage (W)	Input Voltage	Color Temp (K)	Rated Lumens	Rated Efficacy	CRI	Beam Angle	Rated Life (Hours)	Operating Temp. (°F)	Power Factor
<b>2 FT PATRIOT LED T5 PLUG &amp; PLAY</b>											
PT-T5ILT2-9W-PP	Yes	9	120V -277V, 50/60 Hz	3500K, 4000K, 5000K, 6000K	1170	>120	>80	140°	100,000	-30°C to 40°C	>0.95
<b>4 FT PATRIOT LED T5 PLUG &amp; PLAY</b>											
PT-T5ILT4-15W-PP	Yes	15	120V -277V, 50/60 Hz	3500K, 4000K, 5000K, 6000K	1950	>120	>80	140°	100,000	-30°C to 40°C	>0.95
PT-T5ILT4-18W-PP	Yes	18	120V -277V, 50/60 Hz	3500K, 4000K, 5000K, 6000K	2340	>120	>80	140°	100,000	-30°C to 40°C	>0.95
PT-T5ILT4-25W-PP	Yes	25	120V -277V, 50/60 Hz	4000K/5000K	3510	>120	>80	140°	100,000	-30°C to 40°C	>0.95

## PHYSICAL DATA

Product No.	Material Usage	Housing	Environment	Certification	DIMS & CASE QUANTITY	Weight
PT-T5ILT2-9W-PP	RoHS Compliant; no mercury	-	Dry & Damp	DLC® Qualified, UL Classified, NSF	-	-
PT-T5ILT4-15W-PP	RoHS Compliant; no mercury	-	Dry & Damp	DLC® Qualified, UL Classified, NSF	-	-
PT-T5ILT4-18W-PP	RoHS Compliant; no mercury	-	Dry & Damp	DLC® Qualified, UL Classified, NSF	-	-
PT-T5ILT4-25W-PP	RoHS Compliant; no mercury	Plastic	Dry & Damp	DLC® Qualified, UL Classified, NSF	126x20x20 25PCS	0.051CBM//6.5KG

## DIMENSIONS



## INSTALLATION

### Direct Replacement Procedure:

1. Turn OFF power to the fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes (A) and dispose of these properly as they may contain mercury.
4. Put LED tube (B) into the lighting fixture and ensure the pins are firmly seated in lampholders.
5. Install the LED tubes and close the diffuser.
6. Switch ON power to the fixture at the breaker panel.

