

DATA SHEET: LED DIRECT WIRE

Clear/Frosted/NANO, UL Type B

The PATRIOT LED DIRECT WIRE tube is used for general illumination for homes, offices, restaurants, hotels, malls, buses, trains, warehouses, parking lots, or wherever accent lighting is required.

Our LED DIRECT WIRE 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

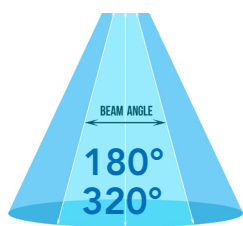
- Compatible with shunted or non-shunted sockets.
- Energy savings up to 70%.
- Minimize labor and recycling costs.
- Stable lumen output.
- Mercury free and virtually no UV or IR light.
- Non-dimmable.
- Special circuit design, avoiding the single broken LED influence problem.
- High efficiency constant current drive system.
- Heat protection system allows performance under unstable voltage.
- Rated Life: 100,000 hrs.
- Limited Warranty: 5 year (10yrs optional).



*NANO All Plastic Lens

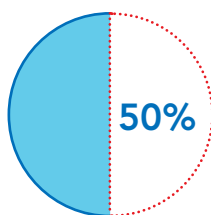


BEAM ANGLE



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
- Beam Angle: 180°/320°(NANO)
- Color Rendering Index (CRI): >80
- Operation Temperature: -20°C to 50°C
- Lumen efficiency: 150LPW
- Universal voltage: 120V-277V applications
- Input Frequency: 50/60Hz
- LED: SMD 2835 chips
- Housing: Aluminum/PC or NANO All Plastic Lens

ORDERING MODEL

PATRIOT TUBE	TUBE TYPE	HOUSING	INTERNAL DRIVER	LENGTH	WATTAGE	CCT
PT	T8	P	IL	T2= 2FT T3= 3FT T4= 4FT	10W 12W 15W 18W 20W	3500K 4000K 5000K
Product Code: example						
PT-T8ILT 4-12W - 3500K						
PT-T8PILT 4-12W - 3500K						



DATA SHEET: LED DIRECT WIRE Clear/Frosted/NANO, UL Type B

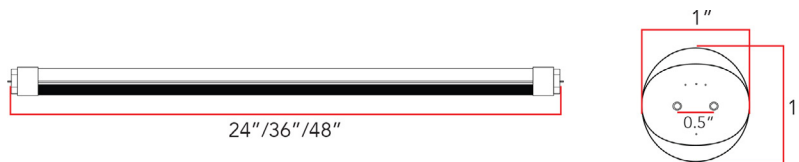
PRODUCT SPECIFICATION

Product No.	BAA/TAA Option*	Length	Input Voltage	Color Temp (K)	Rated Lumens	Rated Efficacy	CRI	Beam Angle	Rated Life (Hours)	Operating Temp. (°F)	Power Factor
10W PATRIOT LED DIRECT WIRE TUBE											
PT-T8 PILT2-10W	Yes	2FT	120V -277V, 50/60 Hz	3500K/4000K/5000K	1500	>150	>80	180°, 320°(NANO)	100,000	-20°C to 50°C	>.90
PT-T8 PILT3-10W	Yes	3FT	120V -277V, 50/60 Hz	3500K/4000K/5000K	1500	>150	>80	180°, 320°(NANO)	100,000	-20°C to 50°C	>.90
PT-T8 PILT4-10W	Yes	4FT	120V -277V, 50/60 Hz	3500K/4000K/5000K	1500	>150	>80	180°, 320°(NANO)	100,000	-20°C to 50°C	>.90
12W PATRIOT LED DIRECT WIRE TUBE											
PT-T8 PILT4-12W	Yes	4FT	120V -277V, 50/60 Hz	3500K/4000K/5000K	1800	>150	>80	180°, 320°(NANO)	100,000	-20°C to 50°C	>.90
15W PATRIOT LED DIRECT WIRE TUBE											
PT-T8 PILT3-15W	Yes	3FT	120V -277V, 50/60 Hz	3500K/4000K/5000K	2250	>150	>80	180°, 320°(NANO)	100,000	-20°C to 50°C	>.90
PT-T8 PILT4-15W	Yes	4FT	120V -277V, 50/60 Hz	3500K/4000K/5000K	2250	>150	>80	180°, 320°(NANO)	100,000	-20°C to 50°C	>.90
18W PATRIOT LED DIRECT WIRE TUBE											
PT-T8 PILT4-18W	Yes	4FT	120V -277V, 50/60 Hz	3500K/4000K/5000K	2700	>150	>80	180°, 320°(NANO)	100,000	-20°C to 50°C	>.90
20W PATRIOT LED DIRECT WIRE TUBE											
PT-T8 PILT4-20W	Yes	4FT	120V -277V, 50/60 Hz	3500K/4000K/5000K	3000	>150	>80	180°, 320°(NANO)	100,000	-20°C to 50°C	>.90

PHYSICAL DATA

Product No.	Material Usage	Environment	Certification	Dimensions	Case Quantity	Weight
PT-T8 PILT2-10W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	66×22×25	42PCS	0.040CBM//10.2KG
PT-T8 PILT4-10W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	126×22×25	42PCS	0.069CBM//10.2KG
PT-T8 PILT4-12W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	126×22×25	42PCS	0.069CBM//10.2KG
PT-T8 PILT3-15W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	95×22×25	42PCS	0.052CBM//8.5KG
PT-T8 PILT4-15W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	126×22×25	42PCS	0.069CBM//10.2KG
PT-T8 PILT4-18W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	126×22×25	42PCS	0.069CBM//10.2KG
PT-T8 PILT4-20W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	126×22×25	42PCS	0.069CBM//10.2KG

DIMENSIONS



INSTALLATION

Retrofit Procedure: SINGLE ENDED & DOUBLE ENDED POWER AVAILABLE

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 and dispose of these properly as they may contain mercury.
4. Cut wires as shown on diagram (A).
5. Make new wire connection to the branch circuit as shown on diagram (B).
6. Replace the cover over the wiring channel.
7. Install the LED tubes and close the diffuser.
8. Switch ON power to the fixture at the breaker panel

