

DATA SHEET: LED 8FT TUBE Clear/Frosted, UL Type B

The PATRIOT LED 8FT Tube with internal driver is used for general illumination for homes, offices, restaurants, hotels, malls, warehouses, parking lots or wherever accent lighting is required.

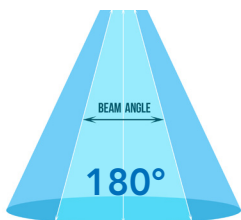
Our PATRIOT 8FT TUBES are backed with our industry-leading 100,000-hour rated lamp life and 10-year warranty. See Ordering Model table below for our BAA compliant products. Contact us for pricing or more information.

PRODUCT BENEFITS

- Comes standard single pin
- Special circuit design, avoiding the single broken LED influence problem
- High efficiency constant current drive system with heat protection system
- Suitable for damp or dry environments
- Minimize labor and recycling costs
- Mercury free and virtually no UV or IR light
- Rated Life: 100,000 hrs
- Limited Warranty: 5 years (10yr optional)

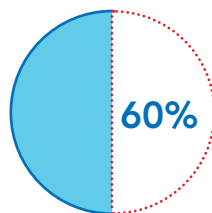


BEAM ANGLE



Patriot LED Light Distribution

CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

WARRANTY



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

APPLICATIONS

- CCT: 3500K, 4000K, 5000K
- Color Rendering Index (CRI): >80
- Operation Temperature: -20°C to 50°C
- Efficiency: >130LPW
- Universal voltage: 120V-277V applications
- Input Frequency: 50/60Hz
- High power factor: .90
- LED: SMD 2835 chips
- Housing: Aluminum

ORDERING MODEL

PATRIOT TUBE	TUBE TYPE	INTERNAL DRIVER	LENGTH	WATTAGE	CCT
PT	T8	IL	T8= 8FT	30W 40W	3500K 4000K 5000K
Product Code: example					
PT -T8ILT 8-30W - 3500K					



PRODUCT SPECIFICATION

Product No.	BAA/TAA Option*	Length	Input Voltage	Color Temp (K)	Rated Lumens	Rated Efficacy (LPW)	CRI	Beam Angle	Rated Life (Hours)	Operating Temp. (°F)	PF
30W PATRIOT 8FT TUBE											
PT-T8ILT8-30W	Yes	8FT	120V-277V, 50/60 Hz	3500K-4000K-5000K	4150	>130	>80	180°	100,000	-20°C to 50°C	>.90
40W PATRIOT 8FT TUBE											
PT-T8ILT8-40W	Yes	8FT	120V-277V, 50/60 Hz	3500K-4000K-5000K	5320	>130	>80	180°	100,000	-20°C to 50°C	>.90

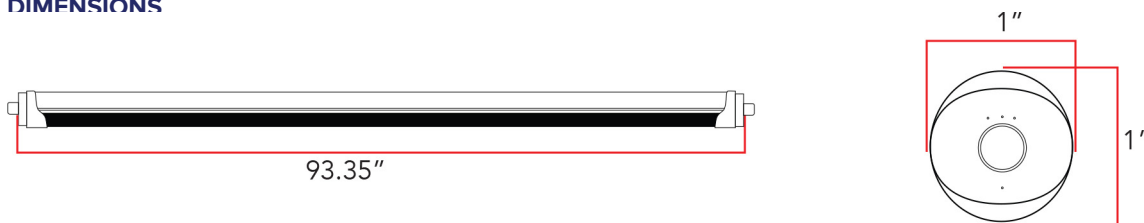
PHYSICAL DATA

Product No.	Housing	Material Usage	Lens	Environment	Certification	DIMS & CASE QUANTITY	Weight
PT-T8ILT2-30W	Aluminium	RoHS Compliant; no mercury	Frosted/Clear	Dry & Damp	UL Classied, NSF	96x8x9 20pieces	0.039CBM//15.2KG
PT-T8ILT8-40W	Aluminium	RoHS Compliant; no mercury	Frosted/Clear	Dry & Damp	UL Classied, NSF	96x8x9 20pieces	0.039CBM//15.2KG

AVAILABLE ENDS: G13 (REGULAR BI-PIN)- Fa8 (SINGLE PIN) – R17D (HIGH OUTPUT PIN)



DIMENSIONS



INSTALLATION

Retrot 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 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

