

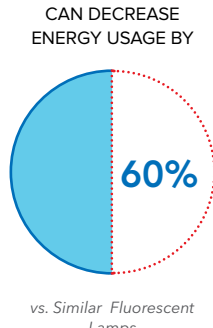
DATA SHEET: NANO EXTERNAL TUBE Clear/Frosted/NANO, UL Type C

The PATRIOT LED EXTERNAL TUBE with external driver system can dramatically reduce energy usage up to 70% providing significantly lower operating costs. One driver for 1, 2, 3 or 4 LED tubes available.

Our LED EXTERNAL 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

- External Class 2 Driver System
- Minimize labor and recycling costs
- Stable lumen output
- Mercury free and virtually no UV or IR light
- Comes in dimmable and non-dimmable
- Soft and wide light emitting
- Special circuit design, avoiding the single broken LED inuence problem
- Rated Life: 100,000 hrs
- Limited Warranty: 5 years (10yrs optional)



TECHNICAL DATA

- CCT: 3500K, 4000K, 5000K
- Beam Angle: 180°/320°(NANO)
- Color Rendering Index (CRI): >80
- Operation Temperature: -20°C to 50°C
- Lumen eciency: 140LPW
- Universal voltage: 120V-277V applications
- High power factor: .90
- Rated Life: 100,000 hrs
- LED: SMD 2835 chips
- Housing: Aluminum/PC or NANO All Plastic Lens

ORDERING MODEL

PATRIOT TUBE	TUBE TYPE	HOUSING	EXTERNAL DRIVER	LENGTH	DIMMABLE	WATTAGE	CCT
PT	T8	P	OL	T2= 2FT T3= 3FT T4= 4FT	D	10W 12W 15W 18W 20W	3500K 4000K 5000K
Product Code: example							
PT -T8OLT 4-12W D- 3500K				PT -T8OLT 4-12W - 3500K			
PT -T8 POLT 4-12W D- 3500K				PT -T8 POLT 4-12W - 3500K			



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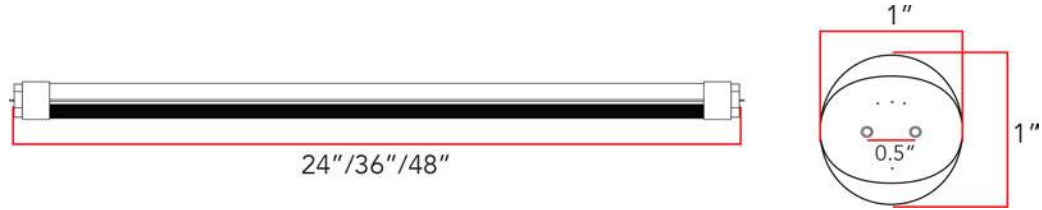
PRODUCT SPECIFICATION

Product No.	BAA/TAA Option*	Wattage (W)	Housing	Input Voltage	Color Temp (K)	Rated Lumens	Rated Efficacy (LPW)	CRI	Beam Angle	Rated Life (Hours)	Operating Temp. (°F)	Driver
2FT NANO EXTERNAL TUBE												
PT-T8POLT2-10W	Yes	10	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	1300	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
3FT NANO EXTERNAL TUBE												
PT-T8POLT3-10W	Yes	10	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	1300	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
4FT NANO EXTERNAL TUBE												
PT-T8POLT4-10W	Yes	10	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	1300	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
PT-T8POLT4-12W	Yes	12	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	1650	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
PT-T8POLT4-15W	Yes	15	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	1950	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
PT-T8POLT4-18W	Yes	18	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	2340	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
PT-T8POLT4-20W	Yes	20	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	2750	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
PT-T8POLT4-22W	Yes	22	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	3000	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External

PHYSICAL DATA

Product No.	Housing	Lens	Environment	Material Usage	Certification	Packing/carton	Weight/carton
PT-T8POLT2-10W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	66×22×25 42PCS	0.040CBM//7.2KG
PT-T8POLT3-10W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	95×22×25 42PCS	0.052CBM//8.5KG
PT-T8POLT4-10W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	126×22×25 42PCS	0.069CBM//10.2KG
PT-T8POLT4-12W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	126×22×25 42PCS	0.069CBM//10.2KG
PT-T8POLT4-15W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	126×22×25 42PCS	0.069CBM//10.2KG
PT-T8POLT4-18W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	126×22×25 42PCS	0.069CBM//10.2KG
PT-T8POLT4-20W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	126×22×25 42PCS	0.069CBM//10.2KG
PT-T8POLT4-20W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	126×22×25 42PCS	0.069CBM//10.2KG

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 and dispose of these properly as they may contain mercury.
4. Make the new wire connection (A) to the branch circuit and.
5. Install the LED tubes ensure the pins are firmly seated in lamp holders and close the diffuser.
6. Switch ON power to the fixture at the breaker panel.

