

DATA SHEET: LED PLL HYBRID LAMP

The PATRIOT LED PLL HYBRID LAMP is an efficient way to light sockets once traditionally reserved for compact fluorescents.

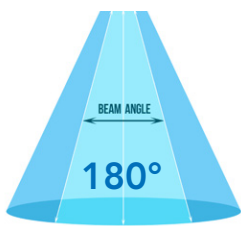
Our LED PLL HYBRID LAMP are backed with our industry-leading 100,000-hour rated lamp life and 10-year warranty. See Ordering Model table below for our BAA compliant products. Contact us for pricing or more information.

PRODUCT BENEFITS

- Consumes up to 80% less energy.
- Minimize labor and recycling costs.
- Stable lumen output.
- Mercury free and virtually no UV or IR light.
- Works with or without a ballast.
- Soft and wide light emitting.
- No projected heat.
- Rated Life: 100,000 hrs.
- Limited Warranty: 5 year (10yrs optional).

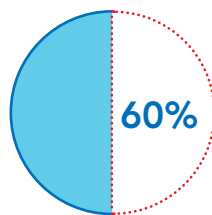


BEAM ANGLE



Patriot LED Light Distribution

CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

WARRANTY



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

TECHNICAL DATA

- CCT: 3500K, 4000K, 5000K, 5700K
- Color Rendering Index (CRI): >80
- Operation Temperature: -20°C to 50°C
- Lumen efficiency: 120LPW
- Universal voltage: 120V-277V applications
- Input Frequency: 50/60Hz
- High power factor: .90
- LED: SMD 2835 chips
- Housing: Aluminum/PC

ORDERING MODEL

PATRIOT TUBE	TUBE TYPE	INTERNAL DRIVER	BASE	WATTAGE	CCT	LENGTH
PT	T8	IL	2G11	13W	3500K	8.86"
				15W	4000K	12.6"
				18W	5000K	16.14"
				20W	5700K	16.14"
				22W		22.4"
Product Code: example						
PT -T8ILT2G11-13W PLL22.4 3500K						



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PRODUCT SPECIFICATION

Product No.	BAA/TAA Option*	Wattage	Input Voltage	Color Temp (K)	Rated Lumens	Rated Efficacy	CRI	Beam Angle	Rated Life (Hours)	Operating Temp. (°F)	Power Factor
2 FT PATRIOT LED PLL HYBRID LAMP											
PT-T8ILT2G11-13W	Yes	13	120V -277V, 50/60 Hz	3500K/4000K/ 5000K	1,560	120	>80	180°	50,000	-20°C to 50°C	>.90
PT-T8ILT2G11-15W	Yes	15	120-2 120V -277V, 50/60 Hz 77V	3500K/4000K/ 5000K	1,800	120	>80	180°	50,000	-20°C to 50°C	>.90
PT-T8ILT2G11-18W	Yes	18	120-120V -277V, 50/60 Hz 277V	3500K/4000K/ 5000K	2,160	120	>80	180°	50,000	-20°C to 50°C	>.90
PT-T8ILT2G11-20W	Yes	20	120-2 120V -277V, 50/60 Hz 77V	4000K/5000K/5700K	2,400	120	>80	180°	50,000	-20°C to 50°C	>.90
PT-T8ILT2G11-22W	Yes	22	120-120V -277V, 50/60 Hz 277V	4000K/5000K/5700K	2,640	120	>80	180°	50,000	-20°C to 50°C	>.90

PHYSICAL DATA

Product No.	Material Usage	Lens	Environment	Certification	Packing/carton
PT-T8ILT2G11-13W	RoHS Compliant; no mercury	Clear, Frosted	Dry & Damp	UL Classied, NSF	25
PT-T8ILT2G11-15W	RoHS Compliant; no mercury	Clear, Frosted	Dry & Damp	UL Classied, NSF	25
PT-T8ILT2G11-18W	RoHS Compliant; no mercury	Clear, Frosted	Dry & Damp	UL Classied, NSF	25
PT-T8ILT2G11-20W	RoHS Compliant; no mercury	Clear, Frosted	Dry & Damp	UL Classied, NSF	25
PT-T8ILT2G11-22W	RoHS Compliant; no mercury	Clear, Frosted	Dry & Damp	UL Classied, NSF	25

AVAILABLE LENGTHS: 8.86", 12.6", 16.14" 22.4"
***MUST STATE IN DESCRIPTION**
EXAMPLE: PT-T8ILT2G11-13W PLL8.86"

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.
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.