



Project:	Date:
Prepared by:	Notes:

PATRIOT LED TUBE

Plug & Play Series

Product Description:

The Patriot LED “Plug & Play” tube can work with specific T8 instant- start, rapid-start, programmed-start, dimming-start ballasts and existing emergency battery backup equipment. Patriot P&P tube also works with some magnetic ballasts.

Features:

- The LED tube is a fantastic direct replacement “plug and play” tube
- Compatible with over 90 percent of all North American electronic ballasts
- Glass-free for use in food areas and refrigerated food displays
- Input voltage up to AC100-277V/347V with ballast
- Wide 300 Degrees Beam Angle
- No UV emission
- Suitable for damp or dry environments
- UL, DLC, NSF Qualified
- Globally Patented Technology
- T8 aluminum housing with plastic lens
- 5 Year Manufacturer’s Warranty
-Optional 10 Year Warranty available



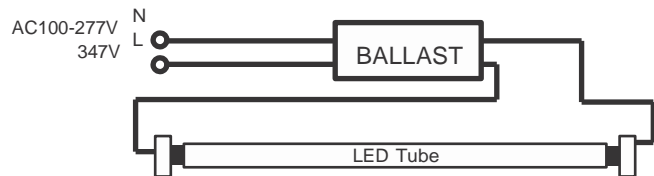
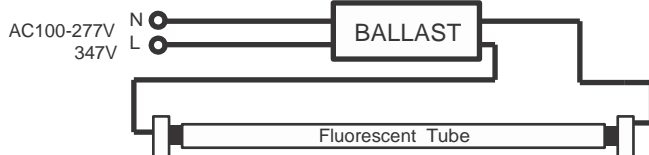
Common Technical Data:

Color Temperature	2700K to 5000K
Beam Angle	300 Degrees
Color Consistency	4 Steps
CRI	> 80
Operation Temperature	-30°C to 40°C
Efficiency with ballast	More than 120 LPW
Input Voltage with ballast	100-277VAC, 347 V
Frequency	50-60Hz
Power Factor	More than 0.99
Rated Life	50,000 hours
LED Type	SMT2835
Housing	Aluminum

Installation Instructions:

“Plug and Play” Procedure

1. Turn off the Power to the light fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.
4. Put LED tube into the lighting fixture.



5. Install the LED tubes and close the diffuser.
6. Turn on the Power.

www.axisledlights.com

Contact your Regional Account Manager
Office: 614.633.7955
contact@alg-usa.com

Home of the Patriot Tube!!



AXIS LED GROUP, LLC
US Regional Office
Dublin, OHIO

Warehouses Located in:
Chicago, Dallas, Detroit,
El Paso, Los Angeles,
and Philadelphia

Product Specification:

PRODUCT NUMBER	LENGTH (FT)	COLOR	BARE LAMP (Watt)	AVERAGE SYSTEM WATTS (W)			AVERAGE SYSTEM LUMENS			PACKAGE (in)		WEIGHT (kg)
				Low Ballast Factor (0.78)	Norm Ballast Factor (0.88)	High Ballast Factor (1.10)	Low Ballast Factor (0.78)	Norm Ballast Factor (0.88)	High Ballast Factor (1.10)			
PT-T8ILT4-16WW-PP	4FT	3500K	16W	16.5	18.5	25.8	1950	2250	2820	50X9X8	42pcs/Carton	13kg/Carton
PT-T8ILT4-16WW-PP	4FT	4000K	16W	16.5	18.5	25.8	1950	2250	2820	50X9X8	42pcs/Carton	13kg/Carton
PT-T8ILT4-16WW-PP	4FT	5000K	16W	16.5	18.5	25.8	1950	2250	2820	50X9X8	42pcs/Carton	13kg/Carton
PT-T8ILT4-14WW-PP	4FT	3500K	14W	15.2	16.5	23.2	1650	1860	2750	50X9X8	42pcs/Carton	13kg/Carton
PT-T8ILT4-14WW-PP	4FT	4000K	14W	15.2	16.5	23.2	1650	1860	2750	50X9X8	42pcs/Carton	13kg/Carton
PT-T8ILT4-14WW-PP	4FT	5000K	14W	15.2	16.5	23.2	1650	1860	2750	50X9X8	42pcs/Carton	13kg/Carton
PT-T8ILT4-12WW-PP	4FT	3500K	12W	12.8	14.5	18.6	1350	1720	2200	50X9X8	42pcs/Carton	13kg/Carton
PT-T8ILT4-12WW-PP	4FT	4000K	12W	12.8	14.5	18.6	1350	1720	2200	50X9X8	42pcs/Carton	13kg/Carton
PT-T8ILT4-12WW-PP	4FT	5000K	12W	12.8	14.5	18.6	1350	1720	2200	50X9X8	42pcs/Carton	13kg/Carton

Ordering Guide:

Product	Color Temperature	Control	Lens	Driver	Connection
PT-T8ILTX-XXW-PP	3000K-3500K 4000K-4500K 5000K-6500K	Dimmable Non-Dimmable	Clear Frosted	Internal	Two End

Warranty:

This product has a warranty for a period of 5 years from the date of purchase. The warranty is invalid in the case of improper installation, tampering, or removal of the Q.C. date label. Installation in an improper working environment or installation not according to the current edition of the National Electric Code also invalidates the warranty. Should this product fail during the warranty period, it will be replaced free of charge, subject to correct installation and return of the faulty unit. ALG does not accept responsibility for any installation costs associated with the replacement of this product. This warranty is an addition to the statutory rights in the country of purchase. ALG reserves the right to alter specifications without prior notice.

Caution:

- Risk of electric shock.
- Use only in place of fluorescent lamps specified on label.
- These lamps are to be used in damp or dry locations only.
- Not suitable for wet locations.
- If the lamp or luminaire exhibits undesirable operation (buzzing, flickering, etc.), immediately turn off power, remove the lamp from luminaire and contact manufacturer.
- Do not perform a mass installation before testing.

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