# LED T8 Ballast Bypass: GLASS PLT-90361

## DESCRIPTION

Eliminate ballast maintenance costs and compatibility issues by retrofitting existing fluorescent fixtures with these ballast bypass LED T8 tubes.

## FEATURES

- Frosted glass lens reduces visual glare
- Instantaneous full light output upon power-up
- Operates directly off of line voltage, no ballast needed
- Suitable for use in totally enclosed fixtures
- Solid state replacement for 8 ft. F96T8 and F96T12 tubes with single pin (Fa8) bases
- Delivers up to 138 Lumens per Watt for highly efficient performance
- Ballast must be removed, and fixture rewired for double-ended operation during installation; see installation instructions for more information
- Wattage and output vary depending on installation method, see Wattage Table for full breakdown

## LISTINGS

- UL Listed for damp locations
- FCC
- RoHS
- DesignLights Consortium® 6.0 Standard - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance; DLC PN: PLTSP2K216

## WARRANTY

- 5-year prorated warranty; see pltsolutions.com for warranty details

| Project name | Type |
|---|---|
| Catalog number | |
| Comments | Voltage |
| Approved by | Date |



## APPLICATIONS

- Office Lighting
- High Bays
- Industrial Strips
- Warehouses
- Stairwells
- Cold Storage

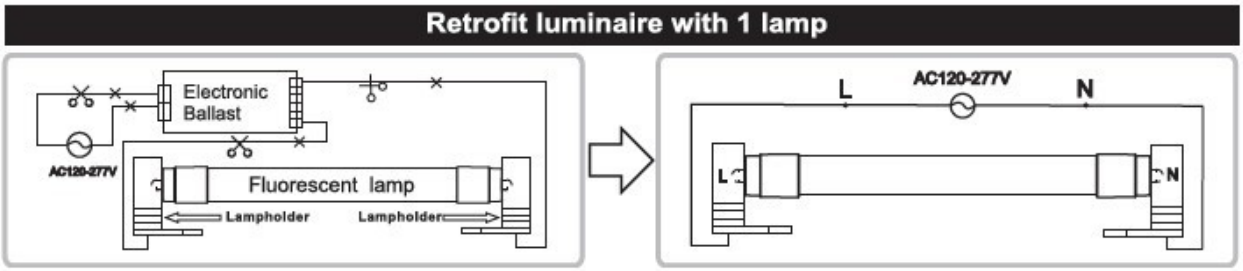
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|---|---|---|
| **PERFORMANCE** | **Power Consumption** | 40W |
| | **Lumens** | 5500 |
| | **Efficacy (LPW)** | 138 |
| | **CRI** | 80 |
| | **Beam** | 210° |
| | **CCT** | 4000K, 5000K, 6500K |
| | **LED L70 Life Hours** | >50000 |
| **ELECTRICAL** | **Power Factor** | 0.9 |
| | **THD** | 25% |
| | **Input Voltage** | 120-277V |
| **CONSTRUCTION** | **Operating Temperature** | -4°F to 113°F (-20°C to 45°C) |
| | **Base** | FA8 |
| | **Lens** | Frosted |
| **LISTINGS** | **Certifications** | UL Listed; FCC; DLC 6.0 Standard |
| | **Material Usage** | RoHS - No mercury or lead |
| | **Environment** | Suitable for Damp Locations |

## PERFORMANCE SUMMARY

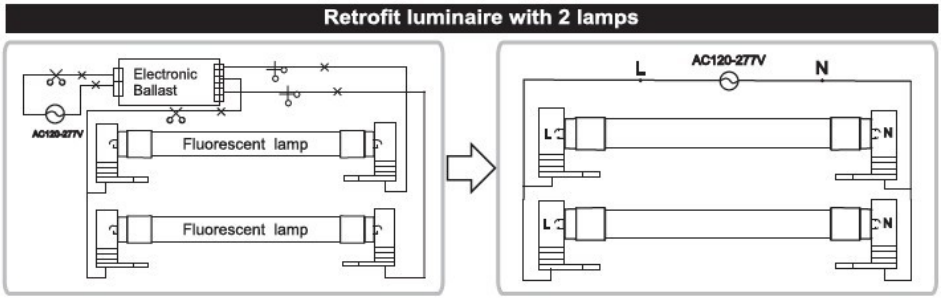
| Item # | Length | Lumens | Watts | LPW | CCT | CRI | Beam | Envelope | Base | L70 Life Hours | DLC # | DLC Level |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLT-90361 | 8' | 5500 | 40 | 138 | 6500K | 80 | 200° | Glass | FA8 | >50,000 | PLTSP2K216 | 6.0 Standard |

## WIRING DIAGRAM

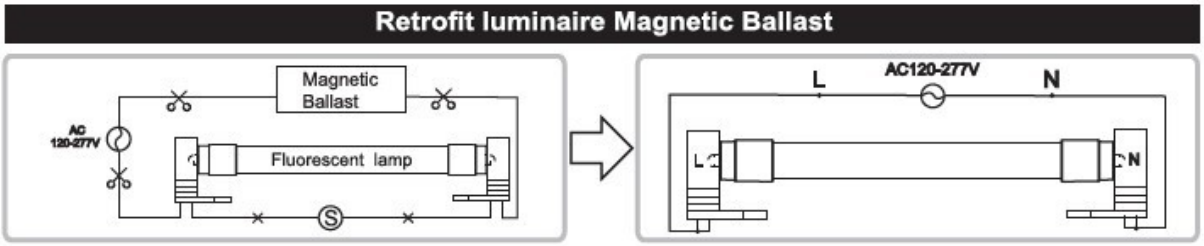
### FA8 BASE 8' TYPE B NON-DIMMING – ELECTRONIC BALLAST, 1 LAMP




### FA8 BASE 8' TYPE B NON-DIMMING – ELECTRONIC BALLAST, 2 LAMPS




### FA8 BASE 8' TYPE B NON-DIMMING – MAGNETIC BALLAST

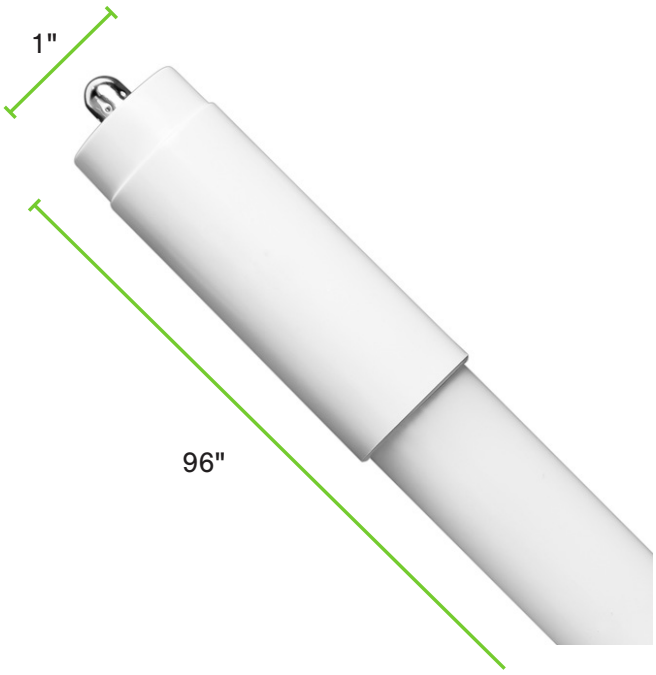


## DIMENSIONS

### DIMENSIONS

Length – 96"

Diameter – 1"




## WARNINGS

- Not for use with ballasts.