## DESCRIPTION

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

| project name | type |
|---|---|
| catalog number | |
| comments | voltage |
| approved by | date |

## FEATURES

- Frosted glass lens reduces visual glare
- Suitable for use in enclosed fixtures
- Instantaneous full light output upon power-up
- No rewiring or modifications of any kind required for plug-and-play (Type A) operation; must be used with a compatible ballast, see ballast compatibility sheet for full list of compatible ballasts
- Can operate directly off of line voltage for ballast bypass (Type B) operation; ballast must be removed and fixture rewired for double-ended operation during installation; see installation instructions for more information
- Solid state replacement for 4 ft. F32T8 tubes
- Delivers 133 Lumens per Watt for highly efficient performance depending on color temperature selected; see Selectable Table for full breakdown
- Operates on most electronic T8 (instant & programmed rapid start) ballasts, select dimming ballasts, and AC emergency ballasts as listed in compatibility list. See ballast compatibility sheet for full list of compatible ballasts.
- Color temperature can be adjusted using the slider switch on the end of the tube; see installation instructions for more information

## LISTINGS

- UL Listed for damp locations
- RoHS
- FCC Part 15 Class B
- DesignLights Consortium® 5.1 Standard - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

## WARRANTY

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

## APPLICATIONS

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

| PERFORMANCE | Power Consumption* | 15, 16.5, 18 Watt |
|---|---|---|
| | CRI | 83 |
| | Beam | 320° |
| | CCT* | 3500K, 4000K, 5000K |
| | LED L70 Life Hours | >54,000 |
| ELECTRICAL | Power Factor | 0.9 |
| | THD | <20% |
| | Input Voltage | 120-277V |
| CONSTRUCTION | Operating Temperature | -4°F to 113°F (-20°C to 45°C) |
| | Base | Medium Bi-Pin |
| | Lens | Frosted |
| LISTINGS | Certifications | UL Listed; FCC |
| | Material Usage | RoHS - No mercury or lead |
| | Environment | Suitable for Damp Locations |

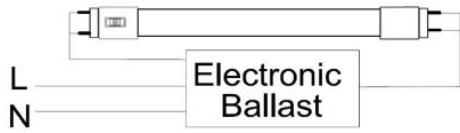*See Selectable Table for full breakdown*

## PERFORMANCE SUMMARY

| Item # | Length | Watts* | CCT* | CRI | Beam | Envelope | LED L70 Life Hours | DLC # | DLC Level |
|---|---|---|---|---|---|---|---|---|---|
| PLT-60023 | 4' | 15/ 16.5 | 3500K/ 4000K/ 5000K | 83 | 320° | Glass | >54,000 | PLTP3237 | 5.1 Standard |
| PLT-60024 | 4' | 18 | 3500K/ 4000K/ 5000K | 83 | 350° | Glass | >54,000 | PLTP3337 | 5.1 Standard |

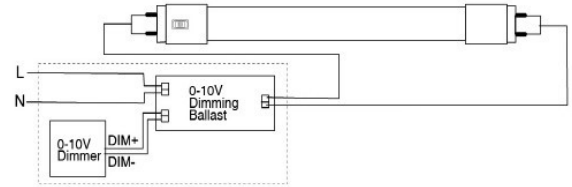*See Selectable Table for full breakdown*

## SELECTABLE TABLE

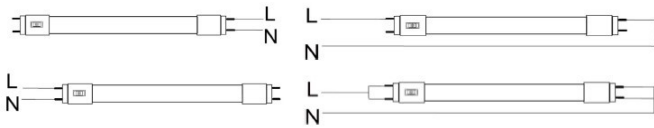| SKU | Wattage | Installation | CCT | Lumen | Efficacy |
|---|---|---|---|---|---|
| PLT-60023 | 15 | Type B | 3500K | 1950 | 130 |
| | | | 4000K | 2000 | 133 |
| | | | 5000K | 2000 | 133 |
| | 16.5 | Type A | 3500K | 1950 | 118 |
| | | | 4000K | 2000 | 121 |
| | | | 5000K | 2000 | 121 |
| PLT-60024 | 18 | Type A or Type B | 3500K | 2200 | 122 |
| | | | 4000K | 2300 | 128 |
| | | | 5000K | 2250 | 125 |

## TYPE A NON-DIMMING



## TYPE A DIMMING

0-10V continuous dimming by selected Dimming made. Please refer to the wiring diagram below. 'Dimmable via an external accessory' in definition of DL V5.1.
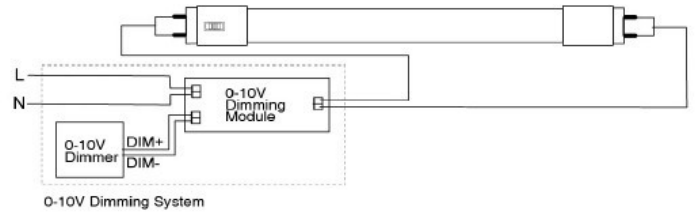


## TYPE B NON-DIMMING



## TYPE B DIMMING

0-10V continuous dimming by selected Dimming made. Please refer to the wiring diagram below. 'Dimmable via an external accessory' in definition of DL V5.1.



0-10V Dimming System

# DIMENSIONS

## DIMENSIONS

Length – 47.7"

Diameter – 1"



1"

47.7"