



## DESCRIPTION

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

## 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 3 ft. F25T8 tubes
- Delivers 122 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 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
- 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](http://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

PERFORMANCE	CRI	82
	Beam	340°
	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

\*For wattage and lumen information, see tables below.

# PERFORMANCE SUMMARY

Item #	Length	Watts*	Lumens*	LPW	CCT*	CRI	Beam	Envelope	LED L70 Life Hours	DLC #	DLC Level
PLT-60027	3'	11.5/ 12	1400	125	3500K	83	340°	Glass	54,000	PLTP9933	5.1 Standard
PLT-60028	3'	11.5/ 12	1400	125	4000K	83	340°	Glass	54,000	PLTP9934	5.1 Standard
PLT-60029	3'	11.5/ 12	1400	125	5000K	83	340°	Glass	54,000	PLTP9935	5.1 Standard

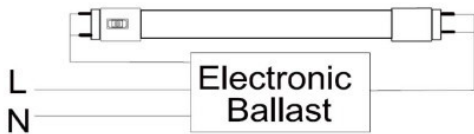
\*See Wattage Table for full breakdown

# WATTAGE TABLE

Wattage	Installation	Lumen	Efficacy
11.5	Type A	1440	122
12	Type B	1440	120

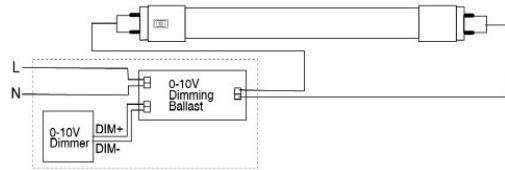
# WIRING DIAGRAMS

## 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.

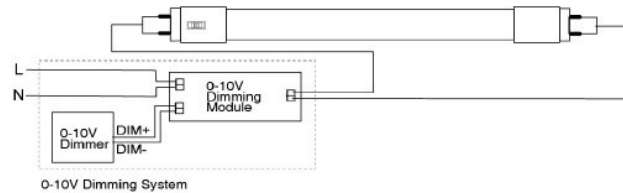


## TYPE B NON-DIMMING



## 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.



# DIMENSIONS

## DIMENSIONS

Length – 35.7"  
Diameter – 1"

