



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 tubes
- 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

WARRANTY

- 3-year prorated warranty; see pltsolutions.com for warranty

project name	type
catalog number	
comments	voltage
approved by	date



APPLICATIONS

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

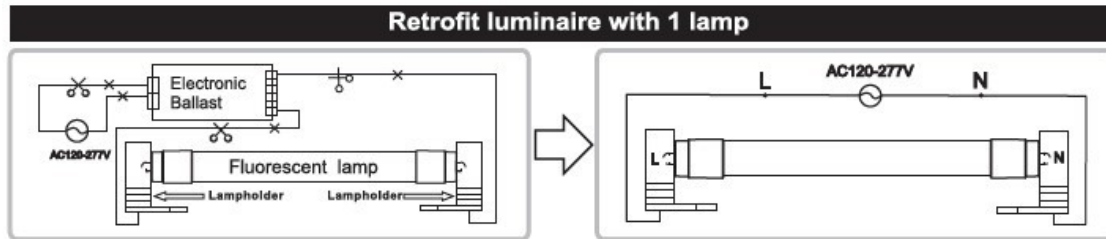
PERFORMANCE	Power Consumption	40W
	Lumens	5500
	Efficacy (LPW)	138
	CRI	80
	Beam	210°
	CCT	4000K, 5000K, 6500K
ELECTRICAL	LED L70 Life Hours	>50000
	Power Factor	0.9
	THD	25%
CONSTRUCTION	Input Voltage	120-277V
	Operating Temperature	-4°F to 113°F (-20°C to 45°C)
	Base	FA8, R17d
	Lens	Frosted
LISTINGS	Certifications	UL Listed; FCC
	Material Usage	RoHS - No mercury or lead
	Environment	Suitable for Damp Locations

PERFORMANCE SUMMARY

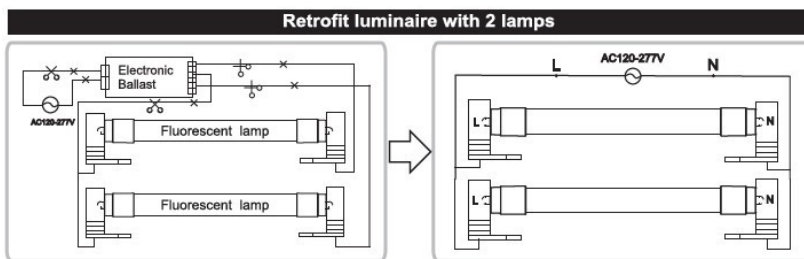
Item #	Length	Lumens*	Watts*	LPW*	CCT	CRI	Beam	Envelope	Base	L70 Life Hours
PLT-90361	8'	5500	40	138	6500K	80	200°	Glass	FA8	>50,000
PLT-90362	8'	5500	40	138	4000K	80	200°	Glass	R17d	>50,000
PLT-90363	8'	5500	40	138	5000K	80	200°	Glass	R17d	>50,000
PLT-90364	8'	5500	40	138	6500K	80 <td 200°	Glass	R17d	>50,000	

WIRING DIAGRAM

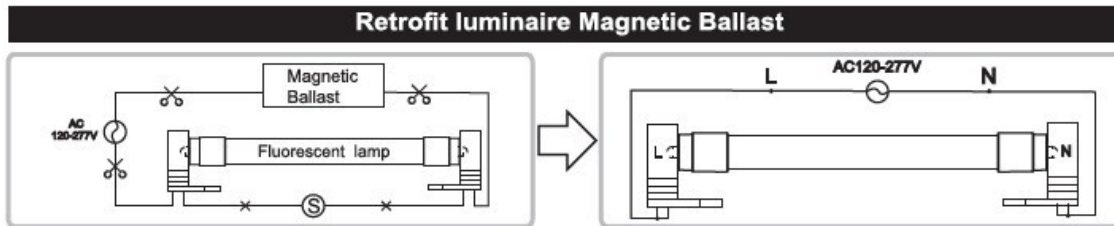
FA8 Base 8' Type B Non-Dimming - Electronic Ballast, 1 Lamp



FA8 Base 8' Type B Non-Dimming - Electronic Ballast, 2 Lamps

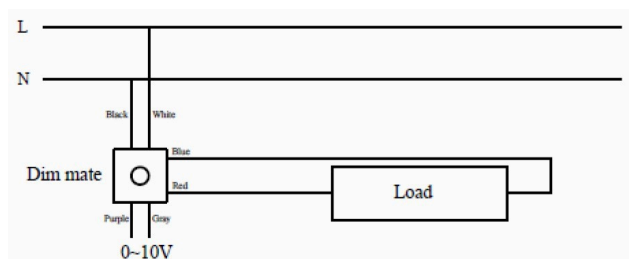


FA8 Base 8' Type B Non-Dimming - Magnetic Ballast



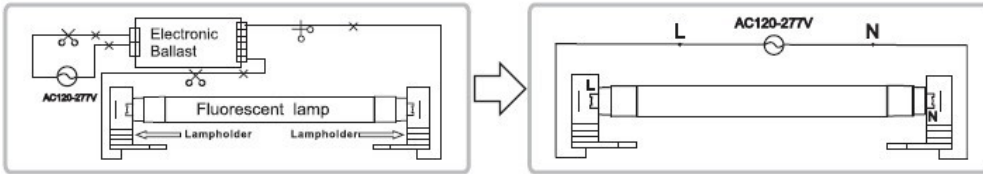
FA8 Base 8' Type B Dimming

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



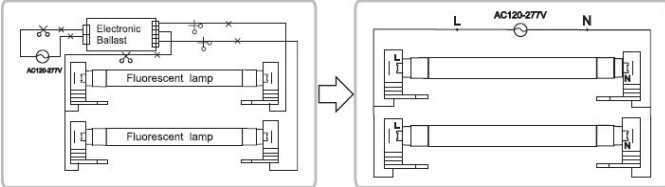
R17d Base 8' Type B Non-Dimming - Electronic Ballast, Shunted Lampholders, 1 Lamp

Retrofit luminaire with shunted lampholders — 1 lamp



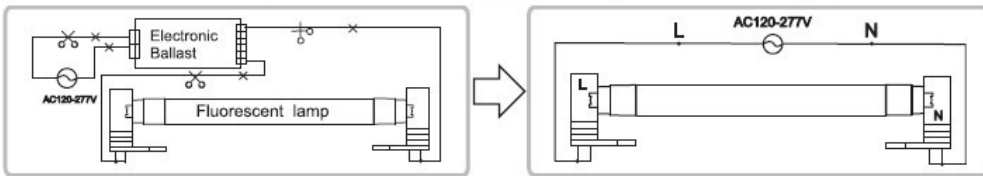
R17d Base 8' Type B Non-Dimming - Electronic Ballast, Shunted Lampholders, 2 Lamps

Retrofit luminaire with shunted lampholders — 2 lamps



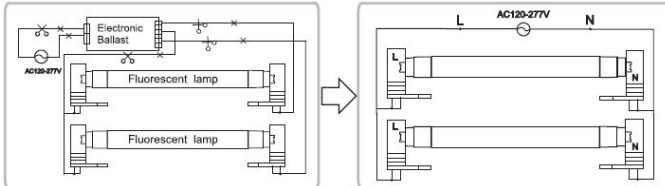
R17d Base 8' Type B Non-Dimming - Electronic Ballast, Non-Shunted Lampholders, 1 Lamp

Retrofit luminaire with non-shunted lampholders — 1 lamp



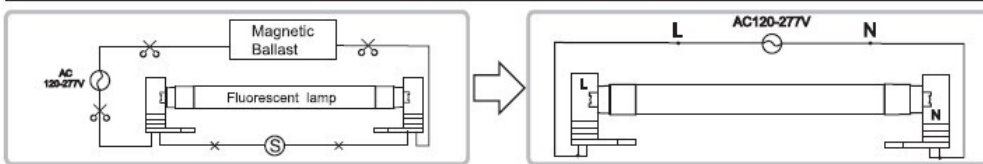
R17d Base 8' Type B Non-Dimming - Electronic Ballast, Non-Shunted Lampholders, 2 Lamps

Retrofit luminaire with non-shunted lampholders — 2 lamps



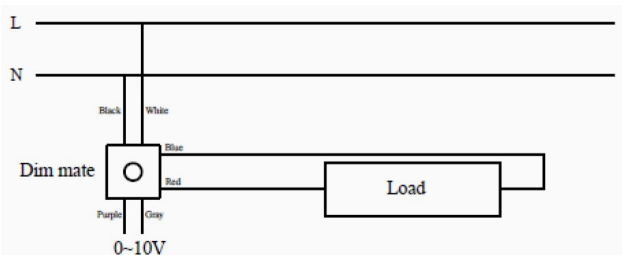
R17d Base 8' Type B Non-Dimming - Magnetic Ballast

Retrofit luminaire Magnetic Ballast



R17d Base 8' Type B Dimming

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



DIMENSIONS

DIMENSIONS

Length – 96"

Diameter – 1"

WARNINGS

- Not for use with ballasts.