

# PowerLux® LED T-8 12W Direct Fluorescent Replacement (4 foot lamp)

**LED Direct Replacement Tube**  
**US Patent No. US 8,358,056 B2**

Catalog#		Type
Project		
Note		Date
Prepared by		

Direct Replacement LED lamps plug right in to existing fluorescent T-8 fixtures, so there is no need to perform expensive, time consuming rewiring. Switching to LED's is as simple as changing a light bulb.



## LED SPECIFICATION FEATURES

- Ballast compatibility = Electronic Instant Start
- Plugs directly into existing fluorescent T-8 lamp fixtures
- Cuts energy usage by up to 60% compared to traditional 32W fluorescent T-8's
- Environmentally friendly – no mercury, no UV or infrared light
- Frosted lens to make LED invisible; without hot spots or glare
- 110 degrees of clear, uniform, flicker-free illumination
- 50,000 hours rated lifetime
- Lamp Wattage = 12W
- Lumen Output = 1560lm or 1920lm [see chart below]
- Efficacy = 130 LPW or 160 LPW [see chart below]
- CRI = >80
- CCT available: 4100K, 5000K
- Input Voltage = 120-277V (depending on existing ballast)
- ETL listed
- DLC listed
- 5-year Limited Warranty

**Compatible Electronic Instant Start Ballast available.**  
**For other LED Lumen packages and dimmable options contact PowerLux for details**

### Warnings: Risk of shock or fire.

- Replace all fluorescent lamps as specified on the existing good working condition ballast wiring diagram.
  - Do NOT mix LED lamps and fluorescent lamps as they will not function properly.
  - Do not install the LED lamps if the ballast is not working properly or existing lamp holders are damaged.
- Contact a qualified electrician for replacement

## ORDERING INFORMATION

Model No.	Lamp Type	Lamp Length	Wattage (W)	CCT	Lumen Output	Ballast Input Voltage
PLEDDFR	T8	4 foot	12	4100K	1560 [130 LPW]	120-277V
				5000K		
				4100K	1920 [160 LPW]	
				5000K		

Part Number Example: PLEDDFR/T8/4/12/850/1920/120-277

Description: PowerLux LED Direct Fluorescent Replacement, T8, 4 foot, 12W, 5000K, 1920 Lumens, 120-277V

PowerLux® Corporation

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**PowerLux® Products Have Stood the Test of Time!**

Distributed by PowerLux® Corporation  
Based on prevailing model. Efficiency of ballast and efficacy of LED modules are ever improving. Please contact PowerLux® for latest updated information.

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