



Easily upgrade to LED from fluorescent.

TOPSTAR PL lamps have been designed and engineered for demanding commercial applications. This UL classified lamp requires bypassing the ballast during installation and runs directly off line voltage to eliminate compatibility problems, incidental power loss, life time issues, and maintenance costs associated with ballasts. The base of the horizontal lamp can be rotated 300° to fit any socket configuration. Simply install in your existing fixture and turn ON the savings.

- 32W/42W CFL replacement
- Exceptional efficacy 100-120 LPW
- Extra long 50,000 Hours lifetime
- Rotatable Base, max 300°
- Power factor ≥ 0.9
- 5 Years' warranty
- Operating Temperature: -20°C/-4°F to 35°C /95°F
- Non-Dimmable
- Not for Use in Fully Enclosed Fixtures
- Non-IC condition
- Compatible with G24d/GX24d & G24q/GX24q installations

Electrical and Technical Data (subject to change without notice)

Ordering Code	Bare Lamp Watt (W)	Initial Lumen *	Base	CRI Ra	Color Temp.	Rated Average life	MOL (in.)	Beam Angle
PLC42HG24D-8YY-15P-MW-HB	15	1800	G24d	82	2700K/3000K/3500K/4000K/5000K	50,000	6.65	110
PLC42VG24D-8YY-16P-MW-HB	16	1900	G24d	82	2700K/3000K/3500K/4000K/5000K	50,000	6.38	110

* Initial lumen above is @ 4000K

Bypass Installation Guide - 2 PIN LED LAMP

Bypass

- 1) Read all WARNINGS before continuing this section.
- 2) Ensure fixture is 120-277V.
- 3) Make sure POWER IS TURNED OFF AT THE SOURCE.
- 4) Remove lens if applicable, remove cover and fluorescent lamp.
- 5) Before rewiring, check the ballast type and refer to the relevant diagram.
- 6) Before rewiring, please check the number of lamps per fixture and refer to the relevant diagram.
- 7) If fixture is new without ballast, please refer to Cf. Diagram 1.
- 8) If fixture ballast type is electronic, please refer to Cf. Diagram 2.
- 9) If fixture ballast type is magnetic please refer to Cf. Diagram 3.
- 10) This device is powered by two pins; Install lamp into the wired lampholder end.
- 11) Visibly affix "Modification Sticker" and reinstall housing cover and lens if applicable.
- 12) Return power back to source and installation is now complete.

Diagram 1 – New fixture without ballast wiring

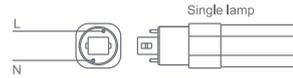
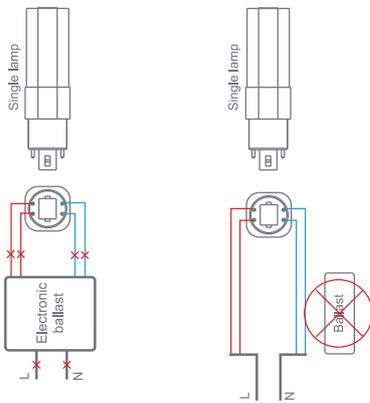


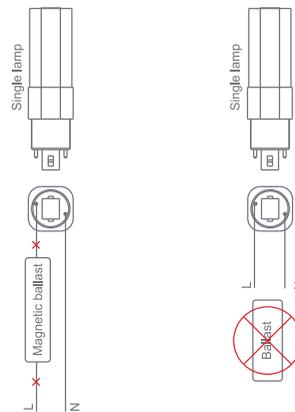
Diagram 2 – Electronic ballast fixture wiring modification



Cut all wires that connect ballast. Cut wire away from lampholder

Rewire power source directly to wires leading to lampholders

Diagram 3 – Magnetic ballast fixture wiring modification



Cut all wires that connect ballast. Cut wire away from lampholder

Rewire power source directly to wires leading to lampholders

CAUTION – IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC.), IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT THE MANUFACTURER.

WARNING – Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician. Installation should be performed only by a qualified electrician in accordance with the National Electrical Code and relevant local code.

WARNING – Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

WARNING – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.