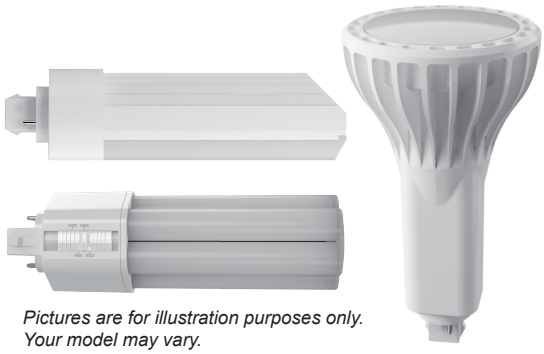
MaxLite® PLT Bypass LED Type B - G24D/GX24D

General Safety Information

PLEASE READ CAREFULLY BEFORE INSTALLING LAMPS. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

Lamps must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.



Pictures are for illustration purposes only. Your model may vary.

WARNING:

- Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires 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.
- Risk of fire or electric shock. Install this kit only in 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.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Installers should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals. Instead installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.

CAUTION:

- Disconnect power at the source before installation, inspection or removal. Do not simply switch off fixture.
- This item is rated at 120-277V. Installer must determine whether line voltage 120-277V is available at the luminaire before installation.
- Not intended for use with emergency exit fixtures or emergency exit lights.
- Not for use with luminaire ballast.
- Do not use if product is damaged.
- This lamp is non-dimmable. Not for use with dimmers.
- "This luminaire has been modified to operate LED lamps" shall be marked on the retroft luminaire where readiy visible by the user during normal maintenance including re-lamping.
- Risk of fire or electric shock. Do not open or modify. No user serviceable parts inside.
- The unit is intended to retrofit maximum 2 lamps.
- SUITABLE FOR DAMP LOCATIONS. Suitable for use in wet locations when used in an outdoor-rated fixture. Not for use where directly exposed to the weather or water.
- Complies with Part 15 of FCC. Operation is subject to the following two conditions:
  (1) This device may not cause harmful interference, and
  (2) This device must accept any interference received including interference that may cause undesired operation.
- SUITABLE FOR “TYPE NON-IC” LUMINAIRES WITHOUT DIFFUSER WITH THROUGH-BRANCH WIRING MARKED “MAX. 4 12AWG CONDUCTORS.”
  No external weight or mechanical force should be applied to lamp or components.

MODELS:

- 15PLTO/GX24D8CS; 17PLTO/GX24D8CS
  14.5PLTH/G24D830; 14.5PLTH/G24D835; 14.5PLTH/G24D840; 14.5PLTH/G24D850
  17PLTV/G24D830; 17PLTV/G24D835; 17PLTV/G24D840; 17PLTV/G24D850

NOTES:

- This retro flt kit is for a 2 PIN HORIZONTAL & VERTICAL MOUNT and can replace 32W and 42W CFL lamps with GX24q, G24d and GX24d bases.

  Lamp base can rotate for 150 degrees for model: 14.5PLTH/G24D830; 14.5PLTH/G24D835; 14.5PLTH/G24D840; 14.5PLTH/G24D850;

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Version: 2.1 Revision: 07/10/25

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Installation Instructions

1) Read all WARNINGS before continuing this section.
2) Ensure fixture is powered by 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, check the number of lamps per fixture and refer to the relevant diagram.
7) If fixture is new without ballast please refer to Fig.1.
8) If fixture ballast type is electronic please refer to Fig. 2.
9) If fixture ballast type is magnetic please refer to Fig. 3.
10) This device is powered by two pins; Install lamp into the wired lampholder end.
11) Visibly affix 'Modificion Sticker' and reinstall housing cover and lens if applicable.
12) Select desired color temperature (Do not select when power on).
13) Return power back to source and installation is now complete.

General Wiring Diagrams

Fig:1 - New fixture without ballast wiring

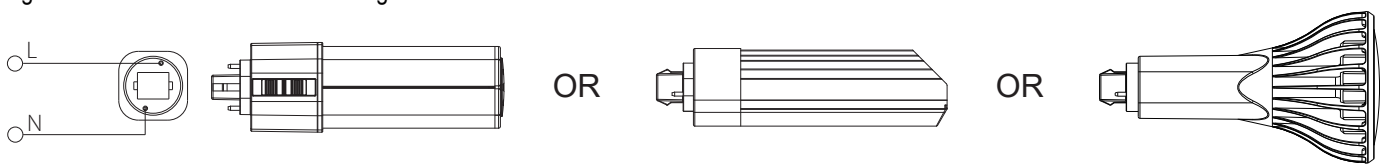
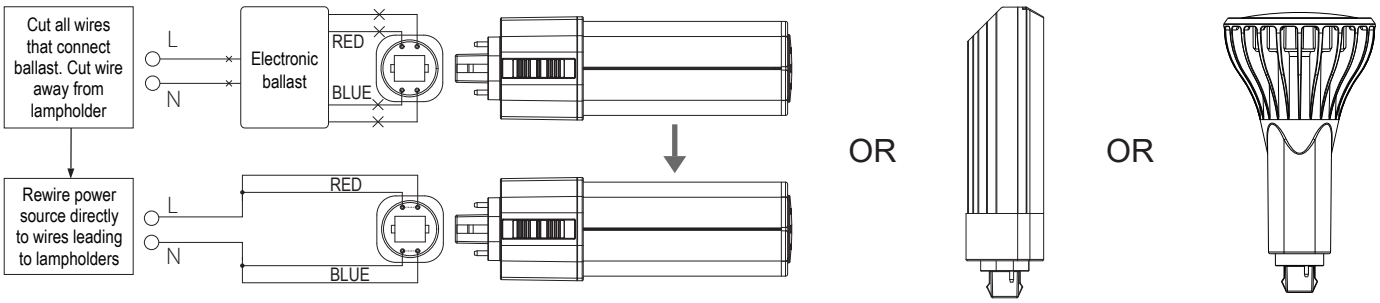
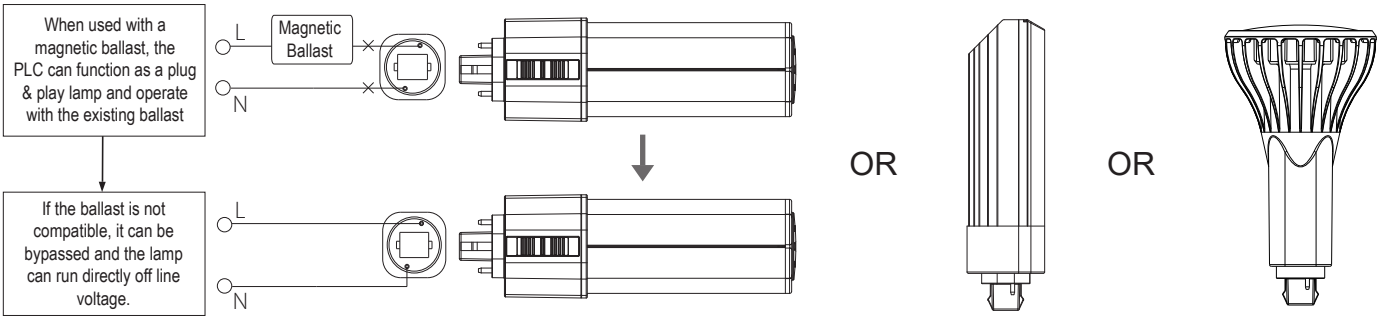


Fig:2 - Electronic ballast fixture wiring



The lampholder should be shunted.

Fig:3 - Magnetic ballast fixture wiring modification



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Please refer to Maxlite’s website (at http://maxlite.com/resources/warranties) for the complete terms and conditions of our warranty.

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