

MaxLite® PLD Hybrid LED Type A/B - G24D/GX24D

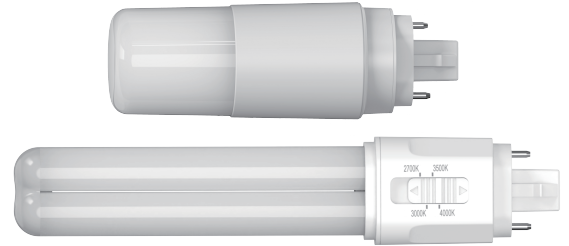
Here Type A/B Means Magnetic ballast compatible and Bypass.



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.
- THIS LAMP ONLY OPERATES ON MAGNETIC BALLASTS. IF LAMP DOES NOT LIGHT WHEN THE LUMINAIRE IS ENERGIZED, REMOVE LAMP FROM LUMINAIRE AND CONTACT LAMP MANUFACTURER OR QUALIFIED ELECTRICIAN.

CAUTION:

- THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION. PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE APPLICABLE AND APPROPRIATE ELECTRICAL CODES. THE INSTALLATION GUIDE DOES NOT SUPERSEDE LOCAL OR NATIONAL REGULATIONS FOR ELECTRICAL INSTALLATIONS.
- Installers should examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.
- DO NOT INSTALL THIS LAMP IN A PRE-HEAT LUMINAIRE.
- THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.
- Disconnect power at the source before installation, inspection or removal. Do not simply switch off fixture.
- This item is rated for 120-277V. Installer must determine whether line voltage 120-277V is available at the luminaire before installation.
- This lamp is non-dimmable. Not for use with dimmers.
- "This luminaire has been modified to operate LED lamps" shall be marked on the retrofit luminaire where readily visible by the during normal maintenance including re-lamping.
- Risk of fire or electric shock. Do not open or modify. No user serviceable parts inside.
- SUITABLE FOR DAMP LOCATIONS. 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" RECESSED LUMINAIRES WITHOUT DIFFUSER.
No external weight or mechanical force should be applied to lamp or components.
- RISK OF FIRE. IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC.), IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT THE MANUFACTURER.

MODELS:

- 8.5PLDO/AB/G24D8CS; 8.5PLDO/AB/G24D850
7PLDO/AB/G24D827; 7PLDO/AB/G24D830; 7PLDO/AB/G24D830; 7PLDO/AB/G24D840

NOTES:

- This retrofit may be used in fixtures with 2 pin or 4 pin sockets and can replace 13W, 18W, 26W CFL lamps with G24q, GX24q, G24d and GX24d bases.

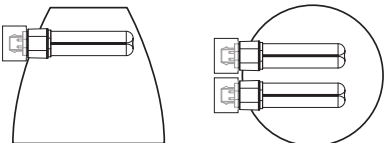
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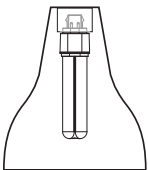
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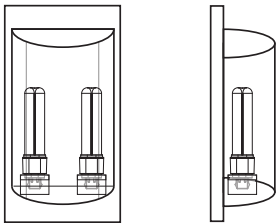


Compartment Dimension

Please make sure the minimum dimensions of the lamp compartment in the non-enclosed fixture meet the below guidelines.

Non-enclosed Fixture Horizontal Installation  Front view Bottom view	Model Number		7PLDO/AB/G24D8XX *	8.5PLDO/AB/G24D8CS 8.5PLDO/AB/G24D850
	Fixture Dimension	Diameter	6.12 in	6.12 in
		Height	4.75 in	4.75 in
	Maximum Lamps in Fixture		2	2
	Lampholder-to-Lampholder Spacing		0.375 in	0.375 in

Non-enclosed Fixture Vertical Installation  Front view	Model Number		7PLDO/AB/G24D8XX	8.5PLDO/AB/G24D8CS 8.5PLDO/AB/G24D850
	Fixture Dimension	Diameter	4.50 in	6.31 in
		Height	8.06 in	9.06 in
	Maximum Lamps in Fixture		1	1
	Lampholder-to-Lampholder Spacing		N/A	N/A

Enclosed Fixture Installation  Front view Side View	Model Number		7PLDO/AB/G24D8XX	8.5PLDO/AB/G24D8CS 8.5PLDO/AB/G24D850
	Fixture Dimension	Length	11.81 in	11.81 in
		Width	6.31 in	6.31 in
		Height	2.75 in	2.75 in
	Maximum Lamps in Fixture		2	2
	Lampholder-to-Lampholder Spacing		1.87 in	1.87 in

* Where 8XX means 827/830/835/840 which indicates CRI and color temperature.

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 'Modification 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.

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General Wiring Diagrams

Fig:1 - New fixture without ballast wiring

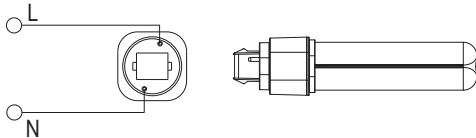


Fig:2 - Electronic ballast fixture wiring

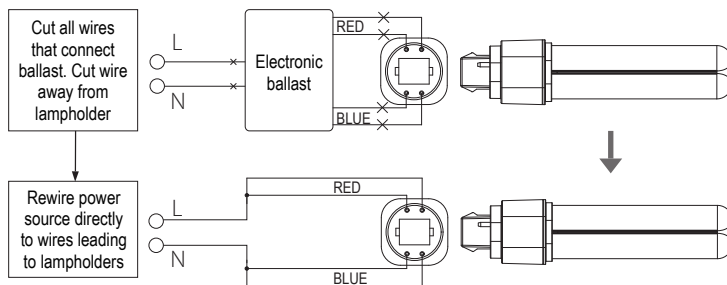
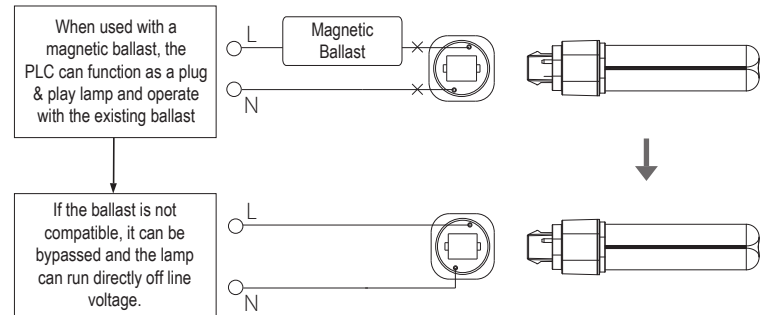


Fig:3 - Magnetic ballast fixture wiring modification



Warranty Information

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the date of original purchase from MaxLite or its authorized distributor/dealer (the "Warranty Period"), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same or like Product.

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

Limitation of Liability

THE FOREGOING WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, DECREASE IN THE LIGHT OUTPUT OF THE LAMP, AND/OR DETERIORATION IN THE LAMP'S PERFORMANCE, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT. WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Limited Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, this limitation may not apply to you.