



COLOR SELECTABLE G24D LED PL LAMP – TYPE B

WARNING, CAUTION, SAFETY AND INSTALLATION INSTRUCTIONS

WARNING

- Installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.
- Read instructions carefully before installation. Also keep these instructions for future reference.
- Do not use if lamp is damaged.

CAUTION

- Not for use with ballasts.
- Not for use with emergency exit fixtures or emergency exit lights.
- This lamp is non-dimmable. Not for use with dimmers.
- SUITABLE FOR "TYPE NON-IC" RECESSED LUMINAIRES WITHOUT DIFFUSER.
- The retrofit PLT-20333 may be used in fixtures with 2 pin or 4 pin sockets and can replace 32W CFL lamps with G24q, GX24q, G24d and GX24d bases. The retrofit PLT-20334 may be used in fixtures with 2 pin or 4 pin sockets and can replace 42W CFL lamps with G24q, GX24q, G24d and GX24d bases.
- Do not open or modify. No user serviceable parts inside.
- 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
- 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.
- 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.
- TYPE B LAMP – Intended for operation in luminaires with traditional fluorescent-type lampholders wired directly to the branch circuit. This includes both factory-wired luminaires as well as those converted for this purpose under a retrofit program.
- Input ratings may need to be determined based on any configuration(s) permitted by the installation instructions. Regardless of the configuration(s) of the retrofit kit, the input ratings of the overall retrofit kit shall not exceed the marked input ratings of the host luminaire.
- This item is rated for 120-277V. Installer must determine whether line voltage 120-277V is available at the luminaire before installation.
- Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.
- Do not make or alter any open hole in wiring enclosure or components during installation.
- Installers should not disconnect existing wires from lamp holder terminals to make new connections at lamp holder terminals. Instead installers should cut existing lamp holder leads away from the lamp holder and make new electrical connections to lamp holder lead wires by employing applicable connectors.
- "This luminaire has been modified to operate LED lamps" shall be marked on the retrofit luminaire where readily visible by the user during normal maintenance including re-lamping.
- IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC), IMMEDIATELY TURN OFF POWER REMOVE LAMP FROM LUMINAIRE AND CONTACT THE MANUFACTURER.
- 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



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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.

NOTICE

- Suitable for damp locations. Do not use where directly exposed to weather or water.
- Not for use in totally enclosed fixture. Maximum ambient temperature must not exceed 45°C (113°F).

Compartment Dimensions

Make sure the minimum dimensions for the lamp compartment meet the below guidelines:

	Product Number		PLT-20333 PLT-20334
Non-enclosed Fixture – Horizontal Installation	Fixture Dimensions	Diameter	7.87 in.
		Height	5.91 in.
	Maximum Lamps in Fixture		2
	Lampholder-to-Lampholder Spacing		2.36 in.
Non-enclosed Fixture – Vertical Installation	Fixture Dimensions	Diameter	7.87 in.
		Height	9.45 in.
	Maximum Lamps in Fixture		1
	Lampholder-to-Lampholder Spacing		N/A
Partially Enclosed Fixture Installation	Fixture Dimensions	Length	11.81 in.
		Width	6.31 in.
		Height	2.75 in.
	Maximum Lamps in Fixture		2
	Lampholder-to-Lampholder Spacing		1.89 in.

Installation Instructions

1. Read all WARNINGS before continuing installation.
2. Ensure fixture is powered by 120-277V.
3. Make sure the POWER IS OFF AT THE AC MAIN POWER SOURCE OR ELECTRIC PANEL.
4. Remove fixture cover or lens, if applicable. Remove fluorescent lamp.
5. Before rewiring, confirm the number of lamps per the fixture then refer to the relevant sections in the Compartment Dimensions chart above.
6. If the fixture has no ballast, refer to Diagram 1 (see Wiring Diagrams section).
7. If the fixture has an electronic ballast, refer to Diagram 2 (see Wiring Diagrams section).
8. Move the CCT switch to the desired setting before installing the lamp (see CCT Selection section).
9. Ensure the power input pins on the lamp align with the corresponding powered contacts in the wired lamp holder and then insert the lamp into the holder.
10. If modifications were made, ensure the “Modification Sticker” is visibly affixed to the fixture, and if applicable, reinstall the house cover or lens.
11. Turn power back on. Installation is complete.



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Wiring Diagrams

Note: These instructions do not cover all details or variations in equipment, nor do they provide for every possible situation during installation, operation or maintenance.

Diagram 1: Fixture w/o Ballast

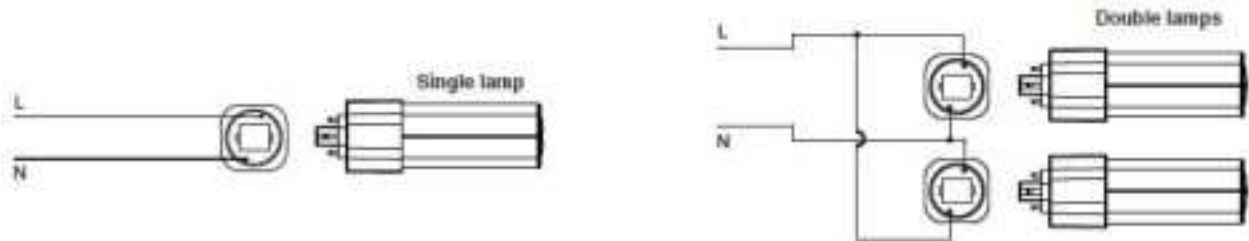
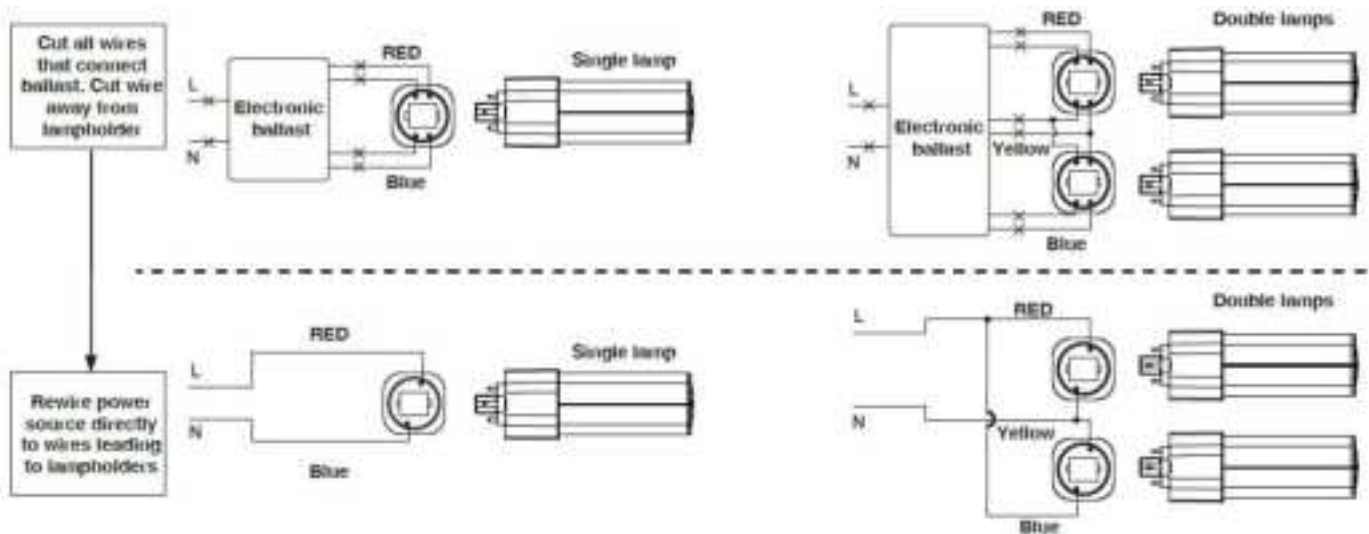


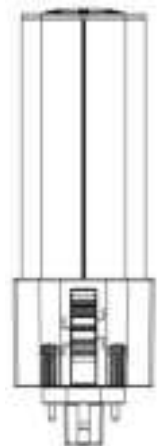
Diagram 2 – Electronic Ballast Fixture Wiring Modification



CCT Selection

CCT default setting: 4000K

The color temperature can be adjusted by using the switch located at the base of the lamp. The switch has four options corresponding to four color temperatures. Select a color temperature by sliding the switch to the desired setting.





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FCC Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

⚠ WARNING

- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, read all warnings and instructions included with and on the fixture box and all fixture labels.
- Proper grounding is required to ensure safety.
- Power must be turned off at the breaker before installation or maintenance.
- 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.
- Wear gloves and eye protection at all times while installing, servicing, or performing maintenance on the luminaire, and avoid direct eye exposure to the light source while it is on.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not install damaged product. Inspect luminaire for damage that may have occurred during transit. If damaged, contact the manufacturer immediately.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, contact the manufacturer.

⚠ ADVERTENCIA

- Antes de instalar, reparar o realizar el mantenimiento de rutina de este equipo, siga estas precauciones generales.
- Para reducir el riesgo de muerte, lesiones personales o daños a la propiedad por fuego, descarga eléctrica, caída de piezas, cortes / abrasiones y otros peligros, lea todas las advertencias y instrucciones incluidas con y en la caja del dispositivo y todas las etiquetas del dispositivo.
- Se requiere una conexión a tierra adecuada para garantizar la seguridad.
- Se debe apagar la energía en el disyuntor antes de la instalación o el mantenimiento.



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- Este producto debe ser instalado de acuerdo con el código de instalación aplicable por una persona familiarizada con la construcción y operación del producto y los peligros involucrados.
- Utilice guantes y protección para los ojos en todo momento durante la instalación, el servicio o el mantenimiento de la luminaria, y evite la exposición directa de los ojos a la fuente de luz mientras está encendida.
- Para evitar daños o abrasiones en el cableado, no exponga el cableado a bordes de láminas de metal u otros objetos afilados.
- No instale un producto dañado. Inspeccione la luminaria en busca de daños que puedan haber ocurrido durante el tránsito. Si está dañado, comuníquese con el fabricante de inmediato.
- Estas instrucciones no pretenden cubrir todos los detalles o variaciones en el equipo ni proporcionar todas las posibles contingencias a cumplir en relación con la instalación, operación o mantenimiento. Si desea obtener más información o si surgen problemas particulares que no están suficientemente cubiertos para los propósitos del comprador o propietario, comuníquese con el fabricante.