



## COLOR SELECTABLE HYBRID LED PL LAMP

### WARNING, CAUTION, SAFETY AND INSTALLATION INSTRUCTIONS

#### WARNING

- Installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.
- This LED retrofit installation requires knowledge of luminaires and electrical systems. If not qualified, do not attempt the installation, and contact a qualified electrician.
- If the lamp or luminaire exhibits undesirable operation (buzzing, flickering, etc.), immediately turn off the power, remove the lamp from the luminaire, and contact the manufacturer.
- Check the lamp for damage that may have occurred during shipping before starting installation. If damaged, do not install.
- For single-ended power input: To avoid potential fire or shock hazard, do not use this lamp in luminaires employing shunted bi-pin lamp holders. Shunted lamp holders are found only in fluorescent luminaires with Instant-Start ballasts. Instant-start ballasts can be identified by the words "Instant Start" or "I.S." marked on the ballast. This designation may be in the form of a statement pertaining to the ballast itself, or may be combined with the marking for the lamps with which the ballast is intended to be used, for example F40T12/IS. Contact the manufacturer for additional information.

#### CAUTION

- Suitable for use in damp locations.
- Not for use with emergency lighting.
- Do not install this lamp in a pre-heat luminaire.
- Do not make or alter any open holes in the wiring enclosure or in any electrical components during lamp installation.
- Installation does not require disconnecting existing wires from the lamp holder terminals to make new connections. Instead, proper installation involves cutting the existing lamp holder leads away from the lamp holder and making new electrical connections to the lamp holder lead wires by employing applicable connectors.
- 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 kits does not exceed the input rating of the luminaire.
- Before installation, examine all parts that are not intended to be replaced by the lamp for damage and replace any damaged parts prior to installation of the lamp.
- This lamp only operates on electronic ballasts. If the lamp does not illuminate when the luminaire is energized, remove the lamp from the luminaire and contact the manufacturer or a qualified electrician.
- To prevent wire damage or abrasion, do not expose the wires to the edges of any sheet metal or other sharp objects.
- Only use dimmer provided with or specified by these instructions to control the LED lamp. This tube will not operate properly when connected to a standard (incandescent) dimmer or dimming control. Only operate with specific dimmer PLTSPA manufactured by PLT Solutions.
- This LED PL lamp can be operated with a compatible fluorescent electronic ballast if installed as a plug-and-play lamp. If installed as a ballast bypass lamp, the fluorescent electronic ballast must be removed.
- Do not switch the color temperature when the lamp is turned on.
- Risk of fire. Use only in place of fluorescent lamps specified on the label.



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- The lamps covered by this report are intended to retrofit surface mount, Type IC or non-IC recessed mounted Listed fluorescent luminaires that use a maximum of 2 tubular lamps. The minimum lamp compartment dimensions are tabulated below:

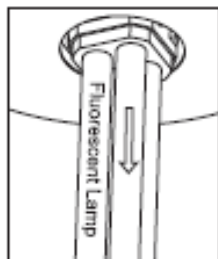
Model Number	Minimum Lamp Compartment Dimensions (Diameter x Height) [in]	Max No.	Minimum Spacing Between Tube Lamps [Center to Center] [in]
PLTSPG1362 PLTSPG1361	7.2 x 4.13	2	2.36

## NOTICE

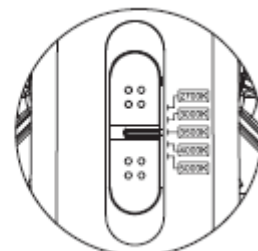
- This lamp is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction. Product must be installed by a qualified electrical in accordance with the applicable and appropriate electrical codes. The installation guide does not supersede local or national regulations for electrical installations.

## Installation Instructions

1. Make sure power is OFF.
2. Remove lens or diffuser (if applicable).
3. Remove existing fluorescent lamps from the luminaire.

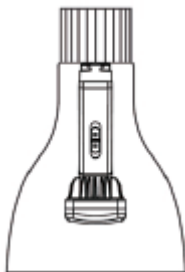


4. Remove existing fluorescent electronic ballast (if operating as ballast bypass lamp).
5. Move the switch to the desired color temperature.



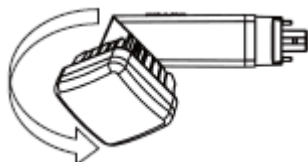
### 6. Installation

- a. Vertical Installation – Place lamp inside luminaire and press base into lampholder.



### b. Horizontal Installation

- i. Rotate the lamp head so that the light surface is perpendicular to the lamp holder.

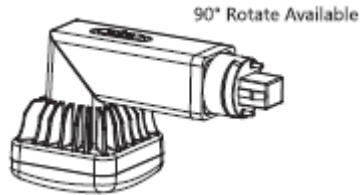




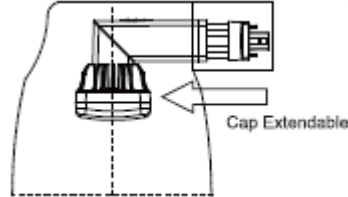
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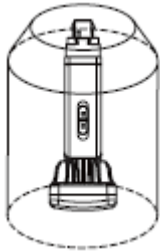
- ii. Rotate the G24Q base according to the direction of the lamp holder so that the light emitting side faces downward.



- iii. Pull to extend the base to keep the light emitting side centered in the luminaire.



7. Put lens or diffuser back in place (if applicable).

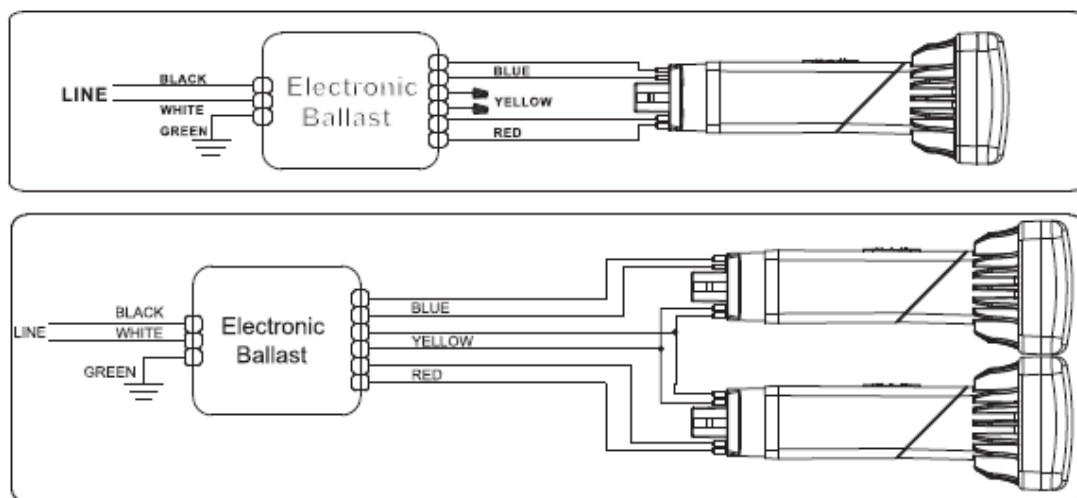


8. Turn power ON.

## Wiring Diagrams

### Plug-and-Play Installation

TYPE A LAMP – Intended for direct replacement of a fluorescent lamp and operating with the ballast without any modifications to the fixture.



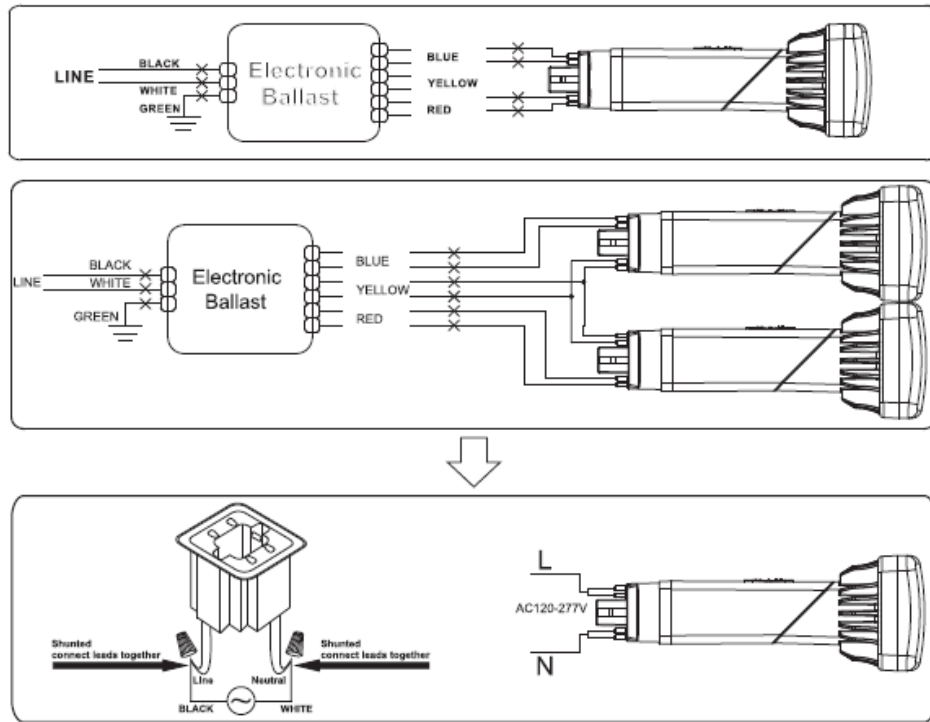


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#### Ballast Bypass Installation

Type B Lamp – Intended for operate in luminaires with traditional fluorescent-type lampholder wired directly to the branch circuit. This included both factory-wired fixtures, as well as those converted for this purpose under a retrofit program.



#### FCC Warning

- This device complies with Part 15 of the FCC rules. 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.

#### ⚠ 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.



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- 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.
- 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.