



**Warning:** Important Safety Instructions. Risk of Fire or Electric Shock. Read and Understand ALL Installation Instructions before installing or relamping HyLite LED PL Lamp or LED Bulb.

**WARNING - 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. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

- SUITABLE FOR DAMP LOCATIONS
- RISK OF ELECTRIC SHOCK - DO NOT USE WHERE DIRECTLY EXPOSED TO WATER. NON-SUBMERSIBLE (NOT WATER TIGHT).
- NOT FOR USE IN TOTALLY ENCLOSED LUMINAIRES
- NOT FOR USE WITH DIMMERS
- NOT FOR EMERGENCY LIGHTING OR FOR USE IN EMERGENCY EXIT FIXTURES

Before conducting any Inspection, Installation, Maintenance, or Removal, Disable all Power to the Luminaire. Failure to do so will create a hazardous and potentially fatal working environment. HyLite LED Lamp/Bulb are designed to work off 100V to 277V, AC. HyLite LED Lamp/Bulb are compatible with Simple Reactance Ballast. However, they are not compatible with Electronic Ballasts. Electronic Ballast (if equipped) must be bypassed or removed from the fixture before installing the HyLite LED Lamp/Bulb. Failure to follow instructions can result in a damaged product and will **VOID** Warranty. It could also result in an electric shock or fire. **DO NOT** Remove Cover. No User-Serviceable Parts inside.

Thank you for purchasing the HyLite LED Lamp/Bulb and investing in the future of eco-friendly products. By selecting the HyLite LED Lamp/Bulb, you have chosen a high-quality, eco-friendly product that is designed for years of dependable performance. We trust you will experience years of reliable service from it.

This guide explains the necessary steps to install HyLite LED Lamp/Bulb in a Luminaire. This guide is for reference only and is intended for qualified electricians or lighting technicians who are familiar with the construction and operation of the product and the hazards involved. This product should only be installed by a qualified electrician or a lighting technician, and in accordance with all the applicable local and/or national electrical installation codes. Failure to do so may result in serious personal injury.

Wiring modification for HyLite LED Lamp/Bulb installation requires knowledge of luminaire electrical systems. If not qualified, **DO NOT** attempt installation – Contact a qualified electrician or a lighting technician.

- The installer must determine and verify whether 120V to 277V AC is being utilized at the Luminaire before installation. Improper voltage matching can result in performance degradation and/or physical damage. These lamps work on line voltage and require all Ballasts and Starters to be bypassed.
- Operate in fixtures that provide the free flow of air around the Lamp/Bulb. This will ensure lumen maintenance and extend its working life. When products are used in outdoor fixtures, ensure the space is waterproof and well-ventilated.
- Luminaire wiring, ballast, or other electrical parts may be damaged when installing. Always check for enclosed wiring and components.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not block light emanating from product in whole or part, as this may cause an unsafe condition.
- The end retrofit fixture, once modified, can no longer operate as was originally intended.

# HYLITE™

## LED Lighting

Input Voltage (V)	100-277V, AC, 50/60 Hz.
Beam Angle	120° (Plug-in & Vertical Lamp) 360° (Omni-Bulb)
Efficacy	105~120 lpw
CRI	>80
Max. THD (%):	<10%
Ingress Protection	20
Ambient Working Temperature	-4°F~113°F (-20°C ~ +45°C)

HyLite LED Lamp/Bulb offer a truly universal G24 base - designed to replace both 2-pin and 4-pin G24 bases listed below:

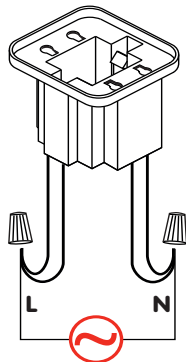
G24d	G24q	Gx24d	Gx24q
G24d-1	G24q-1	Gx24d-2	Gx24q-1
G24d-2	G24q-2	Gx24d-3	Gx24q-2
G24d-3	G24q-3		Gx24q-3
			Gx24q-4

Retrofit Kit Model No.  
HL-PL-RK

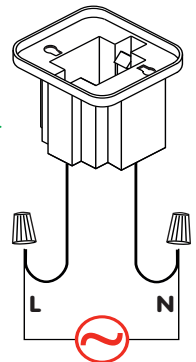
### Installation Instructions:

1. Ensure Breaker is turned-off and no Power is going to the Luminaire.
2. Unplug CFL or Incandescent Bulb and Recycle in accordance to the applicable local Recycling Laws.
3. Open/Access the Ballast compartment and disconnect the Ballast from the AC Mains and the Socket.
4. Connect the wires as shown in the wiring diagram below. Note: 2-pin and 4-pin sockets have different wiring configurations.
  - a. Although the HyLite G24 Lamp/Bulb only has 2-Pins, it is designed to work with both 2 and 4 pin lamp holders.
  - b. **To avoid the risk of electric shock, do not connect the "L" and "N" wire together.**
  - c. Use approved electrical insulating tape or wire caps to ensure that all the cut wires are well-insulated or capped. **An exposed energized wire is an Electrical Shock and a Fire Hazard.**
5. Close Ballast compartment or Junction Box.
6. Apply the HyLite "Cautionary Label" where it can be seen by anyone installing or maintaining a Lamp/Bulb.
7. Plug-In HyLite LED G24 Lamp/Bulb and rotate to position desired.
8. After installation is complete, turn Breaker back on and switch on Power.

4-Pin Lamp Holder  
Wiring Diagram



2-Pin Lamp Holder  
Wiring Diagram



Please apply inside the Fixture after  
installation of HyLite LED Lamps/Bulbs

This Luminaire has been modified to operate LED lamps.  
Do not attempt to install or operate Fluorescent Lamps in  
this Luminaire. To find where to purchase visit:  
[www.HyLiteLEDLighting.com](http://www.HyLiteLEDLighting.com) or call 803.336.2230