



**READ ALL WARNINGS AND INSTRUCTIONS PRIOR TO
INSTALLING THE KOBI LED GX23 LAMP TO ENSURE SAFETY AND PROPER OPERATION**

WARNING - Risk of fire or electric shock. LED Lamp installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

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 luminaire does not exceed the input rating of the luminaire.

WARNING - Not for use in emergency exit lighting.

WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

WARNING: Risk of fire or electric shock. Bypass the ballast (if present), and apply warning label.

WARNING - Existing fluorescent bulbs contain hazardous substances. Do not break the bulbs. Safety glasses and gloves are recommended.

WARNING - This retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by the authorities having jurisdiction.

WARNING - Please 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.

WARNING - Never attempt to disassemble the Kobi Electric LED GX23 Lamp. The product has no serviceable parts inside.

DO NOT make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

INSTALLERS should not disconnect existing wires from socket terminals to make new connections at socket terminals. Instead installers should cut existing socket leads away from the socket and make new electrical connections to socket lead wires by employing applicable connectors.

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

NOT FOR USE WITH DIMMERS

SUITABLE FOR DAMP LOCATION

Model Number	Minimum Lamp Compartment Dimensions
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PL-4XX-RPP-GX23	6 in. x 8.5 in.
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PL-6XX-RPP-GX23	6 in. x 8.5 in.
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PL-8XX-RPP-GX23	6 in. x 8.5 in.
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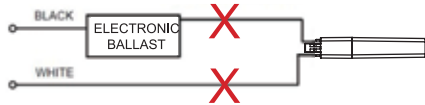


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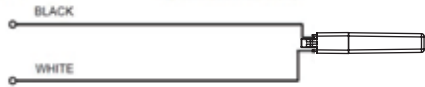
RETROFIT KIT

- 1 x Kobi Electric LED GX23 Lamp
- 1 x Warning Labels
- 1 x Installation Instructions

Wiring Diagram for Electronic Ballast:



Circuit after Retrofit:



Wiring Diagram for Magnetic Ballast:



- Kobi Electric LED GX23 lamps are designed to work with 2-pin sockets only.
- To avoid electric shock, do not connect the "line" and "neutral" wires together.
- Use approved wire caps or electrical tape to ensure that all cut wires are well insulated or capped. An exposed wire is a shock and fire hazard!
- Apply the lamp replacement sticker to the luminaire

NOTE - After initial installation and electronic ballast removal, subsequent Kobi Electric LED GX23 Lamp changes will require no rewiring or special electrical



INSTALLATION INSTRUCTIONS

**DANGER - RISK OF SHOCK
DISCONNECT POWER BEFORE INSTALLATION**

1. Turn off the circuit breaker before working on the light fixture.
2. Remove any existing covers or trim pieces from the light fixture according to the light fixture manufacturer's instructions.
3. Carefully remove the existing fluorescent bulbs and dispose of them according to federal, state and local laws.
4. Ensure the light fixture is designed to accommodate a 2-pin GX23 fluorescent bulb before installing the Kobi Electric LED GX23 Lamp.
5. Ensure that the fixture is not an emergency battery supplied fixture. If it is an emergency battery supplied fixture, disconnect the battery.
6. Open the ballast compartment and remove the ballast. NOTE: If the ballast is magnetic no need to remove.
7. Connect wires as shown in the wiring diagram.
8. Close ballast compartment or junction box.
9. Install the Kobi Electric LED GX23 Lamp in the light fixture.
10. Put any covers or trim pieces back on the fixture according to the manufacturer's instructions.
11. Turn on the circuit breaker.
12. Turn on the ON / OFF switch to verify proper operation.

OPERATIONAL NOTES

The fixture must have clearance to accept this lamp.

Power: 120-277V AC, 60 Hz

