



CORETECH™
TYPE C LAMPS
LUTRON®
COMPATIBLE

INSTRUCTION MANUAL

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed, including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- 1.WARNING-** Risk of Fire or Electric Shock. Luminaire wiring and electrical parts may be damaged when drilling for intallation of LED retrofit kit. Check for enclosed wiring and components.
- 2.WARNING-** Risk of fire or electric shock. Install this kit only in luminaiers that have the construction features and dimensions shown in the photographs and or drawings.
- 3.**Do not make or alter any open holes in an enclosure of wiring or electrical components duting kit installation.
- 4.WARNING-** Prevent Wiring Damage: To avoid wiring damage or abrasion, ensure that wiring is not exposed to edges of sheet metal or other sharp objects.
- 5.**Intallers 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.
- 6.WARNING-** Risk of fire. Input ratings may need to be determined based on any configuration(s) permitted by the instructions. Regardless of the configuration(s) of the retrofit kit, the input ratings of the oversll retrofit kit shall not exceed the marked input ratings of the host luminaire.
- 7.**The installation intructions shall indicate the environmental locations the retrofit kit is suitable for. (i.e Damp locations or Wet locations).
- 8.** Prior to installation, review all environmental designation locations in the retrofit kit installation instructions.Only install in damp or wet locations if so indicated in the installation instructions.
- 9.FOR RETROFIT KITS CERTIFIED-** 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 regulations for electrical installations.
- 10.**For use with surface mounted or recessed non-IC or recessed IC luminaires.
- 11.**Suitable for open type luminaires.Suitable for closed type luminaires.

INSTALLATION REQUIREMENTS

KIT CONTENTS

- Espen Type C Lamp(s)
- Lutron Hi-Lume EcoSystem LED Driver
- Quick Disconnecter
- Latch Connectors
- 8 pieces of 18AWG Wire in various colors
- ¾" Wire Passthrough Grommet
- Luminaire Retrofit Safety Label
- Delamping Prohibition Label(s)
- Instruction Manual

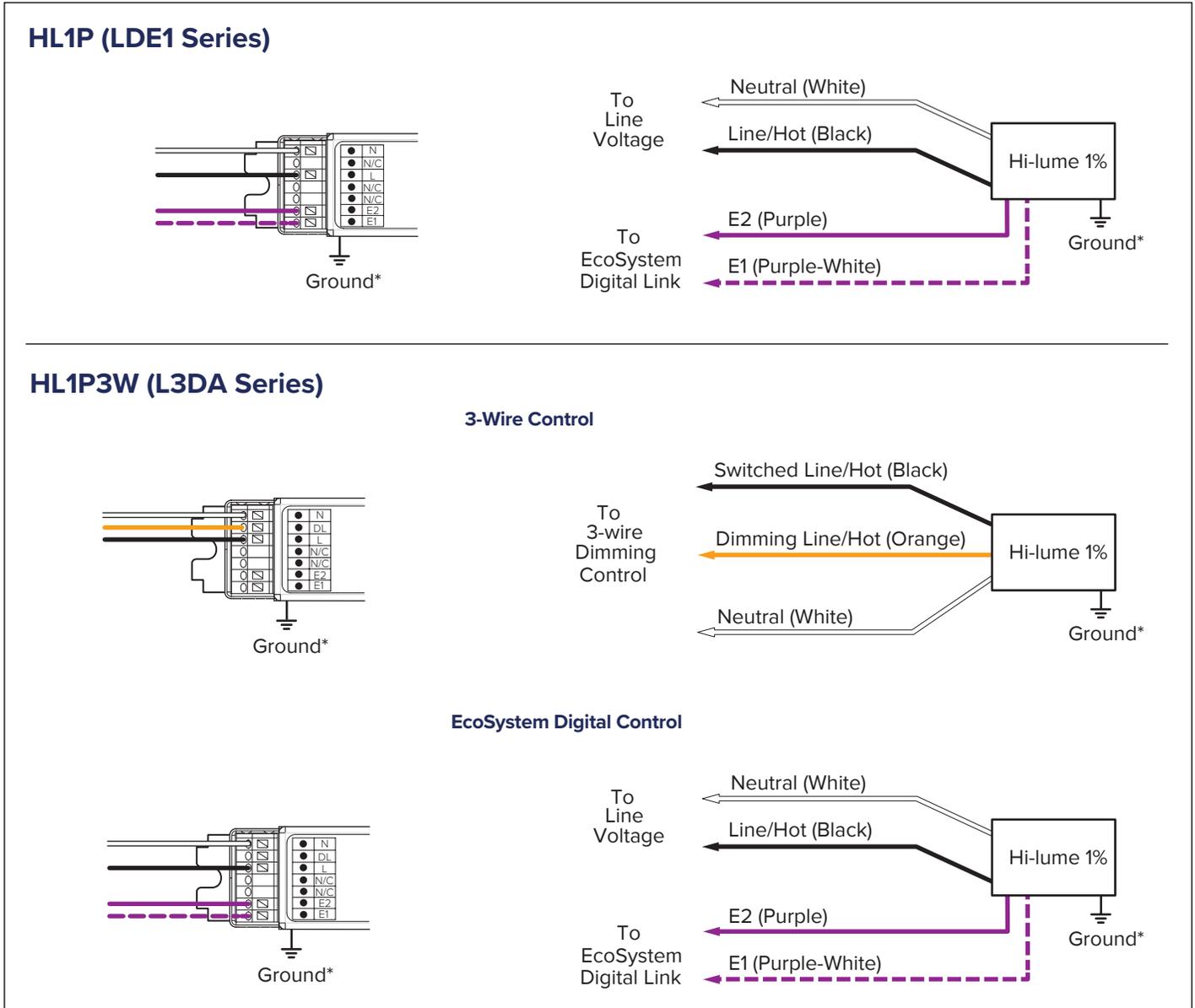
KIT CONTENTS (not provided)

- Metal Screws
- Wire Nuts
- T8 Sockets (Suitable for Both Shunted & Non-shunted)
- T5 Sockets



INSTALLATION INSTRUCTION

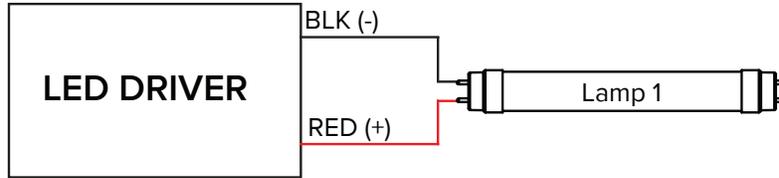
- Step 1 Turn off the power, and take out the old fluorescent tubes.
- Step 2 Remove the existing ballast and remove starter if it presents.
- Step 3 Mount Lutron Hi-Lume EcoSystem LED Driver in appropriate position with existing mounting slot or metal screws.
- Step 4 Connect input power and driver input with the quick disconnect and 18AWG wires. (Drivers use terminal blocks for connection without wire leads. Insert 18AWG wires into the driver terminal block with the corresponding wire color)
- Step 5 Refer to below wiring diagram for driver input instruction:



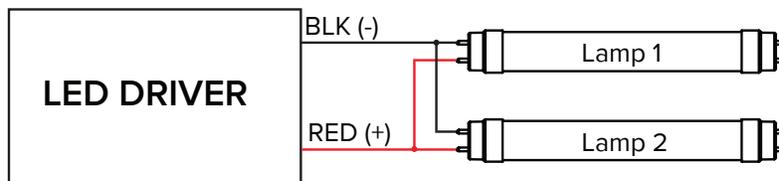
-Step 8 Refer to below wiring diagram for driver output instruction.

Shunted Socket (Single-end wiring)

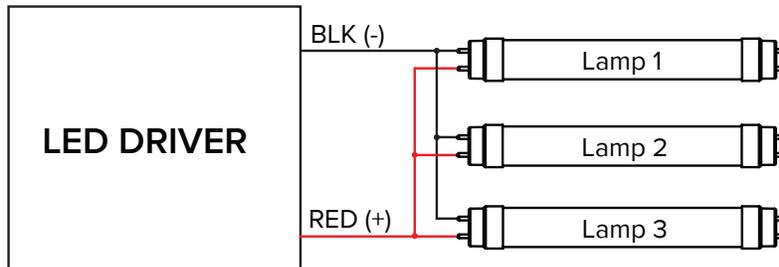
Single-Lamp



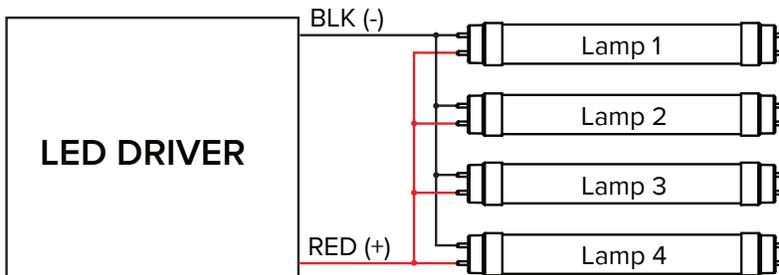
Two-Lamp



Three-Lamp

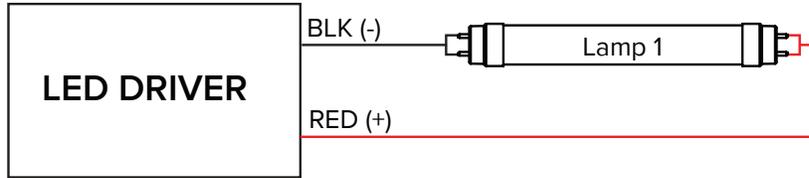


Four-Lamp

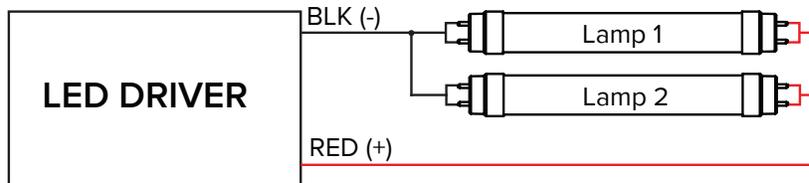


Shouted Socket (Single-end wiring)

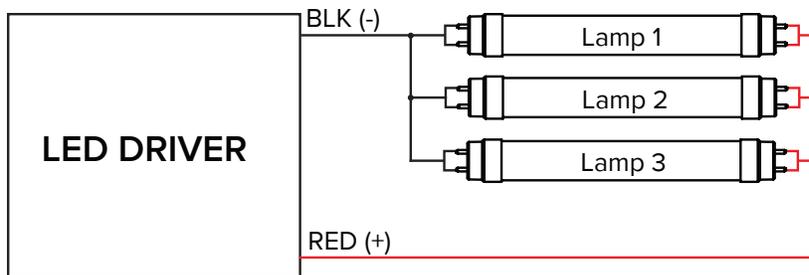
Single-Lamp



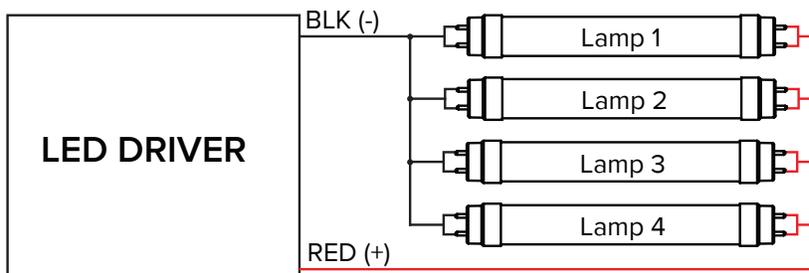
Two-Lamp



Three-Lamp



Four-Lamp



-Step 9 Close the ballast cover, stick the safety Luminaire Retrofit Safety Label and Delamping Prohibition Label(s).

-Step 10 Turn on the power of the luminaire to verify, it is necessary to commission the control system during the operation.

