Remote Driver Enclosure
(For EP and EL Series)

Features
• For remote location application
• Suitable for dry or damp locations

BEFORE YOU BEGIN
Read these instructions completely and carefully.

WARNING/AVERTISSEMENT
RISK OF ELECTRIC SHOCK
• Turn power off before inspection, installation or removal.
• Properly ground electrical enclosure.

RISK OF FIRE
• Follow all NEC and local codes.
• Use only UL approved wire for input/output connections. Minimum size 18 AWG.

Provided in the Package
• Power supply - rated 120-277V, 50/60Hz
• Grounding screw and washer
• For model code EP-DKIT400UEVVA and EL-DKIT360-S-LN use Lutron Ecosystem 0-10V interface
• For model code EP-DKIT400-S-347V and EL-DKIT360-S-347V Transformer GETR480/277-250W

Tools and Components Required
• #2 Phillips head screwdriver
• UL Recognized conduit connections per NEC/CEC for nominal conduit trade sizes ½” or ¾”
• UL Recognized wire connectors

Optional
If using a dimming controller, connect matching-colored wires together.

Risk of Damage
Make sure that supply connection, light fixture wiring, and dimming cables are connected to proper driver inputs. Wrong connection may cause damage to the product.

Must use UL approved conduit fittings for all enclosure box connections to prevent wire cuts by sharp edges and excessive strain on wiring.
Driver Installation (EP-DKIT400 and EL-DKIT360-S)

Wiring Diagrams

Dimming Type: 1-10V

Dimming Type: DALI

Electrical Connections

1. Remove driver enclosure cover. Carefully remove knockout for AC line input wires.

2. Install driver enclosure to a suitable structural member using two ¼-20 screws.
First connect the black (line) and white (neutral) wires of the AC line to the black and white wires of the power supply using 18-24AWG (0.82-2.08mm²) twist-on wire connectors. Next connect the luminaire wires to the blue and red wires of the power supply. Connect the green wires to the ground screw.

Replace electrical enclosure cover. Enclosure cover is on top for installation.

Driver Installation (EP-DKIT400-LN and EL-DKIT360-S-LN)

Wiring Diagram

Electrical Connections

See previous steps 1 and 2.

Carefully place enclosure cover next to electrical enclosure. Follow the wiring diagram, insert stripped wires into Lutron interface connector as described in next step.
Connect Driver wires to Lutron interface as follows:
- a) Driver 0-10V grey wire to Lutron grey connector.
- b) Driver 0-10V violet wire to Lutron violet connector.
- c) One green-yellow wire to Lutron green connector.
- d) One Driver white wire to Lutron white connector.
- e) Driver orange wire to Lutron orange connector.

Push out appropriate size knockout tabs and install approved conduit connectors for both the AC and EcoSystem lines.

Connect AC line to black, white and green wires from Lutron interface with twist-on wire caps. Connect EcoSystem bus wires to the two purple Lutron connectors (Link E1 and E2).

After completing connections, replace enclosure cover and screw down M4 screws and lock washers. Make sure screws are tight and cover is secured.

Next connect the luminaire wires to the blue and red wires of the power supply. Connect the green wires to the ground screw.
Wiring Diagrams

Dimming Type: 1-10V

Dimming Type: DALI

Electrical Connections

1. See previous steps 1 and 2.

2. First connect the black (line) and white (neutral) wires of the AC line to the black and red wires of the transformer using 18-24AWG (0.82-2.08mm²) twist-on wire connectors. Next connect the luminaire wires to the blue and red wires of the power supply. Connect the green wires to the ground screw.
Replace driver enclosure cover. Enclosure cover is on top for installation.

### Troubleshooting

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Solution</th>
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<tbody>
<tr>
<td>Luminaire does not light</td>
<td>• Check input voltage and check power supply input/output connections.</td>
</tr>
<tr>
<td></td>
<td>• Check circuit breaker</td>
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<tr>
<td>Luminaire is dim</td>
<td>• Maximum recommended supply wire length is exceeded.</td>
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<tr>
<td>Luminaire is blinking</td>
<td>• Ensure power supply temperature does not exceed its maximum rating.</td>
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<td>• Refer to the tc point located on power supply.</td>
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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. This Class (A) RFLD complies with the Canadian standard ICES-003. Ce DEFR de la classe (A) est conforme à la NMB-003 du Canada.

**Note:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.