Installation Guide

Lumination™ LED Luminaires
(Standard Recessed Series, 120-277V and 347V)

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 (0.75mm²).

Save These Instructions
Use only in the manner intended by the manufacturer.
If you have any questions, contact the manufacturer.

Tools and Components Required
• Slot or Philips screwdriver
• UL Listed conduit connections per NEC/CEC for nominal conduit trade sizes ½” or ¾”
• UL Listed wire connectors

Prepare Electrical Wiring

Electrical Requirements
• The LED luminaire must be connected to the mains supply according to its ratings on the product label.

Grounding Instructions
• The grounding and bonding of the overall system shall be done in accordance with National Electric Code (NEC) Article 600 and local codes.

Components Supplied
• Luminaire

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.

Note: CONTACT FACTORY for details and limitations when seeking to incorporate this product with an emergency system other than Battery Backup.
Luminaire Installation

1 Carefully unpack unit from its packaging. Properly inspect for defects before installing. Wear work gloves to prevent dirt and oil from being transferred to the luminaire.

2 Install the unit into the reserved hole in the ceiling.

3 Bend the 4 clips to secure the luminaire in place. Install the safety cables through the holes on the clips (per local building codes, safety cables by others).

Electrical Connections

**WARNING/AVERTISSEMENT**


120-277V

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<thead>
<tr>
<th>Back-Lit Recessed Troffer Module</th>
<th>Exterior Wires</th>
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<tr>
<td>WHITE</td>
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<td>DIMMING (+)</td>
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347V

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</table>
Remove electrical enclosure cover. Remove knockout for AC line input wires.

Install listed electrical fittings in the knockout holes for wire protection. Connect the AC line to the luminaire internal wires according to the wiring diagrams using 18-14AWG twist-on wire connectors.

Install listed electrical fittings in the knockout holes for wire protection. Connect the dimming control (grey and purple or purple and purple/white) wires of the LED driver using 18-14AWG twist-on wire connectors.

Replace electrical enclosure cover and secure it with the screw.

Alternatives Wiring From Below the Ceiling (for LBR Version Only)

Install listed electrical fittings in the knockout holes for wire protection as well as lead wires into the electrical cavity. Once fixture is in place in the ceiling, open door and remove cover plate.

Driver is attached to cover plate and wiring is accessible when cover plate is removed. Connect the AC line to the luminaire internal wires according to the wiring diagrams using 18-14AWG twist-on wire connectors. Connect the dimming control (grey and purple and purple/white) wires of the LED driver using 18-14AWG twist-on wire connectors.