Driver Replacement
(For BT Dimmable Series Luminaires)

BEFORE YOU BEGIN
Read these instructions completely and carefully.

WARNING/AVERTISSEMENT

RISKS OF ELECTRIC SHOCK
• Turn power off before inspection, installation or removal.
• Properly ground electrical enclosure.

RISKS OF FIRE
• Follow all NEC and local codes.
• Use only UL approved wire for input/output connections. Minimum size 18 AWG (0.75mm²).

Prepare Electrical Wiring

Electrical Requirements
• The LED driver must be supplied with 120-277 VAC or 347VAC, 50/60 Hz and connected to an individual properly grounded branch circuit, protected by a 20 ampere circuit breaker. Use min. 75°C supply conductor.

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
• Driver of luminaire

Tools and Components Required
• Slot or hex screwdriver
• UL-listed conduit connections per NEC/CEC for nominal conduit trades sizes ½” or ¾”
• UL-listed wire connectors

Specifications

<table>
<thead>
<tr>
<th>Description Code</th>
<th>Corresponding Luminaires</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT22 14 (dimmable) GE driver (0-10V dimming)</td>
<td>BT22 and BT14 Series</td>
</tr>
<tr>
<td>BT24 (dimmable) GE driver (0-10V dimming)</td>
<td>BT24 Series</td>
</tr>
<tr>
<td>BT 22 24 D (dimmable) GE driver (0-10V dimming)</td>
<td>BT22 and BT24 low lumen Series</td>
</tr>
</tbody>
</table>
Driver Replacement Steps

1. **TURN OFF POWER** at the source to the luminaire.

2. Disconnect the AC and dimming wires. Remove the fixture from the ceiling fixture.

3. Unfasten the 3 screws on the driver cover, and remove the driver cover.

4. First, disconnect the driver from the luminaire by cutting the wires at the distance of 2 cm (0.75 in.) from the old driver. Then, unscrew the screws and star washers which attach the driver to the luminaire and remove the old driver.

   **NOTE:** Keep the screws and star washers for later use.

5. The length of wires from the new driver should be no less than 6 cm (2.36 in.). Reattach the new driver in the same location as the old driver using star washers and screws. Strip off 10 mm (0.4 in.) from all wires and reconnect the new driver to the luminaire with UL-listed connectors. Wires with the same color should be connected together.

   **NOTE:** Make sure star washers are installed to keep the grounding continuity.

**NOTE:** The following steps depict the 22 Series luminaire. However, the procedure is the same for the 14 and 24 Series fixtures.

**NOTE:** See page 2 for wiring diagrams.

**For Standard Version**
First, disconnect the driver from the luminaire by cutting the wires at the distance of 2 cm (0.75 in.) from the old driver. Then, unscrew the screws and star washers which attach the driver to the luminaire and remove the old driver.

**NOTE:** Keep the screws and star washers for later use.

The length of wires from the new driver should be no less than 6 cm (2.36 in.). Reattach the new driver in the same location as the old driver using star washers and screws. Strip off 10 mm (0.4 in.) from all wires and reconnect the new driver to the luminaire with UL-listed connectors.

**NOTE:** Make sure star washers are installed to keep the grounding continuity.

For 347V Version

For EMBB Version
6 Install the driver cover and fasten it by screws and washers.

7 Install the fixture back to the ceiling. Connect the AC and dimming wires.

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.