

Safety

- This luminaire is ETL listed and should be installed in accordance with the National Electric Safety Code (NESC) and local regulations.
- Turn power off prior to installation and during maintenance.
- Installation and service must be performed by qualified personnel.

Installation

The DuraStreet light engine is installed in existing roadway luminaires. Use a bucket truck or other authorized lifting equipment to reach the luminaire.

Step 1: Open The Door of Your Existing Luminaire (Figure 1)

- Release the latch at the front of the luminaire.
- Almost all roadway luminaires use some kind of simple, toolless, spring-loaded latch. The latch is typically wire-formed, cast, or constructed of a similar material.

Step 2: Remove & Recycle The Existing Lamp, Reflector & Lens (Figure 2)

- **Lamp:** Remove the lamp by rotating it counter-clockwise out of the socket.
- **Reflector:** Remove any hardware attaching the reflector to the luminaire housing, and remove the reflector.
 - On some models, the socket is attached to the reflector, and will be removed with the reflector.
 - If required, remove any additional hardware attaching the socket assembly to the luminaire housing.
- **Lens:** Loosen any hardware attaching the lens to the luminaire housing, and remove the lens. Retain the lens hardware in the luminaire to attach the DuraStreet light engine (see Step 3).
- **Ballast, Capacitor & Other Existing Electrical Components:** Removal of the existing electrical components is optional.

Step 3: Install The DuraStreet LED Light Engine (Figure 3)

- Place the DuraStreet LED light engine in the door frame of the luminaire.
- Use the existing lens hardware to secure the DuraStreet unit.

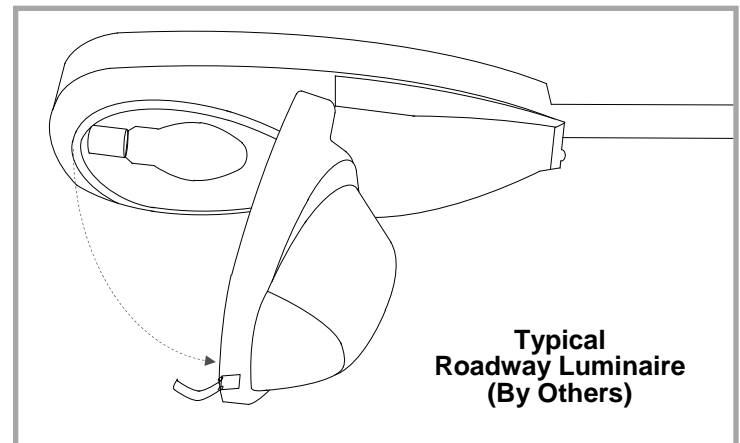


Figure 1: Open the door of your existing luminaire.

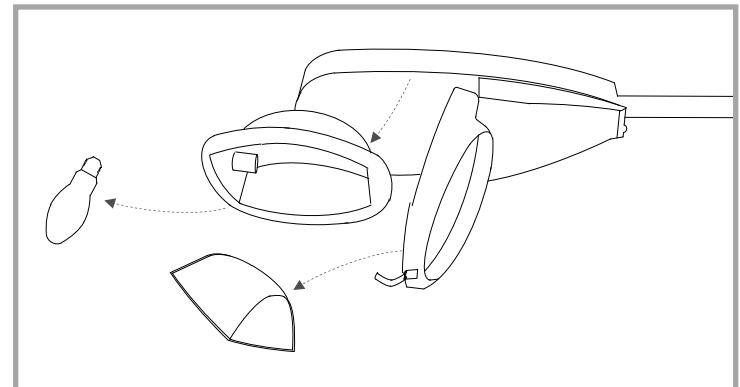


Figure 2: Remove & recycle the existing lamp, reflector & lens.

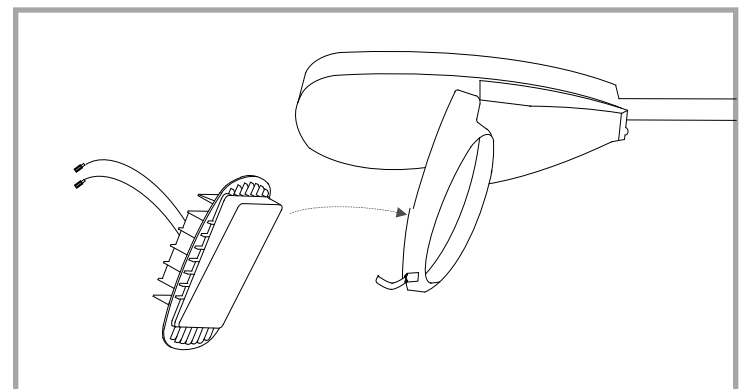


Figure 3: Install the DuraStreet LED light engine.

Step 4: Attach The DuraStreet Power Leads (Figure 4)

- **WARNING:** Make sure AC power is OFF prior to making electrical connections. Also, make sure that supply voltage is 120-277.
- **Existing Electrical Components:**
 - **If Existing Electrical Components Are Removed:** Remove all existing leads not required for the DuraStreet light engine.
 - **If Existing Electrical Components Are Not Removed:** Cap and secure existing leads connected to the existing ballast and other electrical components.
- **Hot Lead:**
 - **If a Photocell Is Used:** Attach the switched, hot lead coming from the photocell to the DuraStreet red lead.
 - **If a Photocell Is Not Used:** Attach the DuraStreet red lead to the hot terminal of the existing luminaire.
- **Neutral Lead:** Attach the DuraStreet white lead to the neutral terminal block of the existing luminaire.
- **Ground Lead:** Attach the DuraStreet green lead to the ground lead of the existing luminaire.

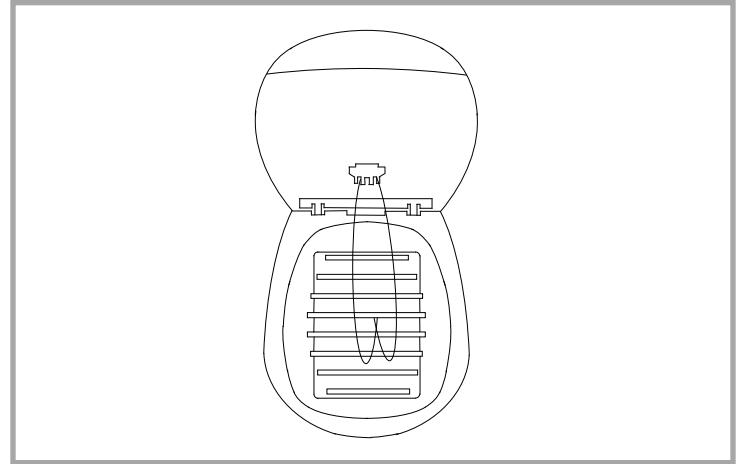


Figure 4: Attach the DuraStreet power leads.

Step 5: Close & Latch The Luminaire (Figure 5)

- Reconnect the latch at the front of the luminaire.
- For extra security, use an optional DuraStreet Latch Lock™, which is designed specially for each leading brand of roadway luminaire. Contact an EcoFit Lighting representative for details.

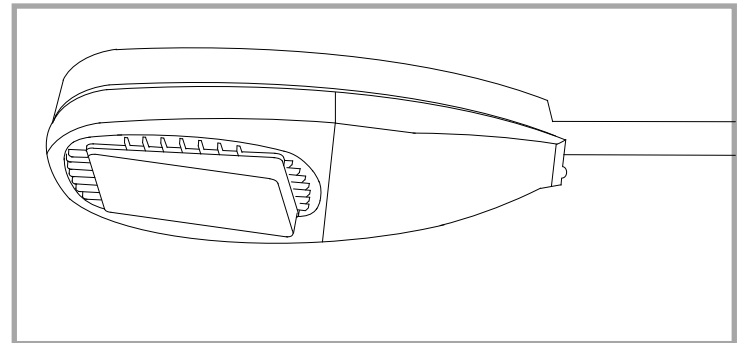


Figure 5: Close & latch the luminaire.

Maintenance

- **Field Service:** The DuraStreet light engine is a sealed unit comprised of an LED driver, LEDs, optical devices, and an acrylic cover. No field maintenance of the unit is advisable. Contact an EcoFit Lighting representative if field service is required.
- **Cleaning:** Use a mild soap or detergent to clean the acrylic cover. Wash thoroughly, using a soft cloth, or brush if necessary. Rinse in clean, cold water and wipe dry.