

# Installation Instructions - Light Engine

For use with BW165RF / BW165R1 / BW165PF / BW165P3 / BW165GF / BW165G3

**⚠ WARNING**  
Risk of electrical shock. Disconnect power before servicing or installing luminaire.

**⚠ WARNING**  
Risk of injury or damage. Luminaire will fail if not installed properly. Follow installation instructions.

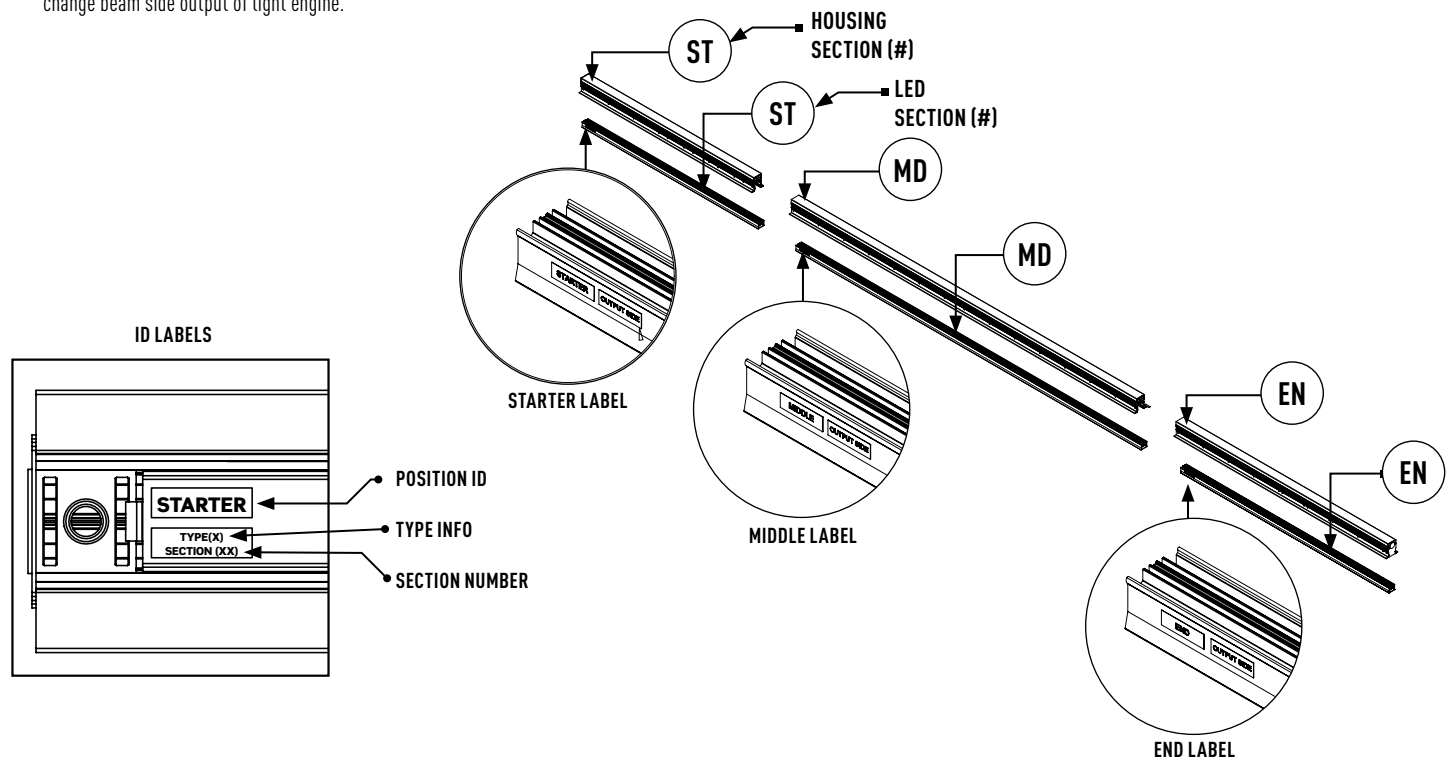
**⚠ WARNING**  
Risk of injury. Wear safety glasses and gloves during installation and servicing. Allow ample time to cool before handling.

## IMPORTANT SAFETY INSTRUCTIONS

- Read all installation instructions before installing. It is important to save these instructions.
- Only install and connect LED module/boards with power disconnected at the circuit breaker. Hot plugging, or connecting the LED module/board with power on, could damage the LEDs and is not covered by warranty.
- Connectors on modules/boards and approved housings are keyed for specific voltage combinations; do not force or attempt to bypass connectors.
- Observe and follow all label information and instructions regarding dry, damp and wet location listings, proper Intense LED module, warnings of installation near combustible materials and/or insulation.
- Turn off power at circuit breaker before attempting to install or perform maintenance on the fixtures.
- Be sure to connect ground wire to prevent electric shock or other potential hazards.
- The product must be installed in a manner consistent with the intended use and in compliance with the national electrical codes and local codes by a person familiar with the construction and operation of the product and the hazards involved.
- Do not block the trim aperture as this may cause unsafe operating conditions.
- **WARNING: RISK OF FIRE.** Non-IC fixture requires that insulation must be kept at least 3" away from all sides of the fixture. Minimum 90°C supply conductors. Consult a qualified electrician before installation.

## STEP 1 – IDENTIFY LIGHT ENGINES

1. Identify all light engines by their ID label that may be found on box and on lenses.
2. Asymmetric Only - As needed, adjust/reassemble light engine to change beam side output of light engine.



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820-00165 (Rev.1)  
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## STEP 2 – INSTALL LIGHT ENGINE

1. Remove installation spacer.
2. Attach lanyard from housing to Light Engine.
3. Connect electrical plug(s).
4. Fully insert Light Engine into housing until firmly seated.

