

Lumination® LED Luminaires



LUR2 Troubleshooting Checklist



BEFORE YOU BEGIN

Read these instructions completely and carefully.

⚠ WARNING / AVERTISSEMENT

RISK OF ELECTRIC SHOCK

- Turn off power before inspection, installation or removal
- Properly ground electrical enclosure if ground is manipulated

RISK OF FIRE

- Follow all NEC and local codes
- LUR LED maintenance requires knowledge of luminaire electrical systems. If not qualified do not attempt troubleshooting or repair. Contact a qualified electrician.

RISQUES DE DÉCHARGES ÉLECTRIQUES

- Coupez l'alimentation avant d'inspecter, installer ou déplacer le luminaire.

- Assurez-vous de correctement mettre à la terre le boîtier d'alimentation électrique est manipulée

RISQUES D'INCENDIE

- Respectez tous les codes NEC et codes locaux
- L'entretien du LUR LED nécessite une connaissance du luminaire systèmes électriques. Si vous n'êtes pas qualifié, n'essayez pas dépannage ou réparation. Contactez un électricien qualifié.

Save These Instructions

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

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. CAN ICES-005(A)/NMB-005(A)

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.

NOTICE: GE Current, a Daintree company disclaims any liability of injury or property damage resulting from the use of this troubleshooting guide.

Prepare Electrical Wiring



Electrical Requirements

- The LED luminaire must be connected to the mains supply according to its ratings on the product label.
- Class 1 wiring should be in accordance with NEC.



Grounding Instructions

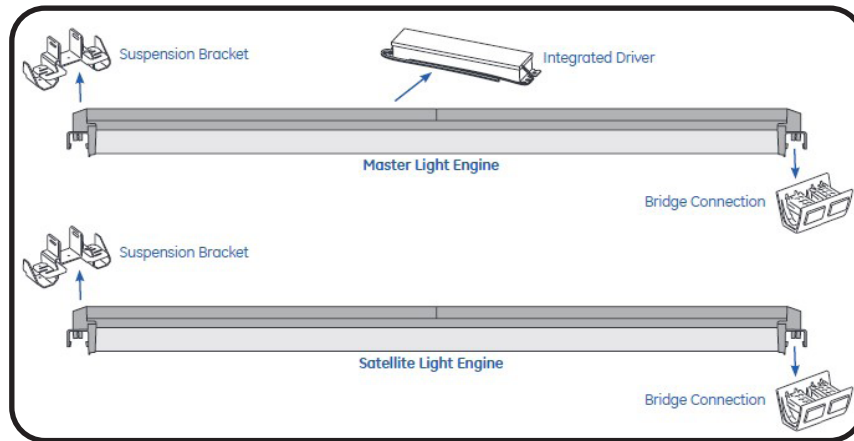
- The grounding and bonding of the overall system shall be done in accordance to local electric code of the country where the luminaire is installed.

[Click here](#) for install instructions. Scan code for install video.



LUR2 System

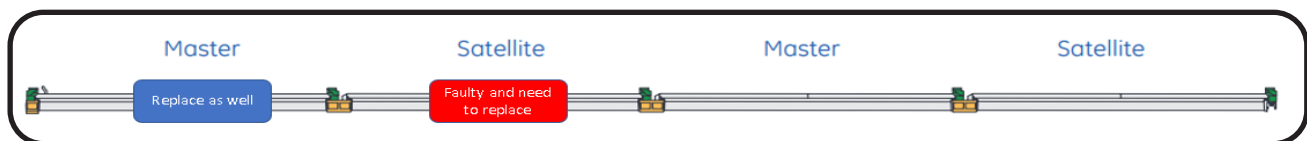
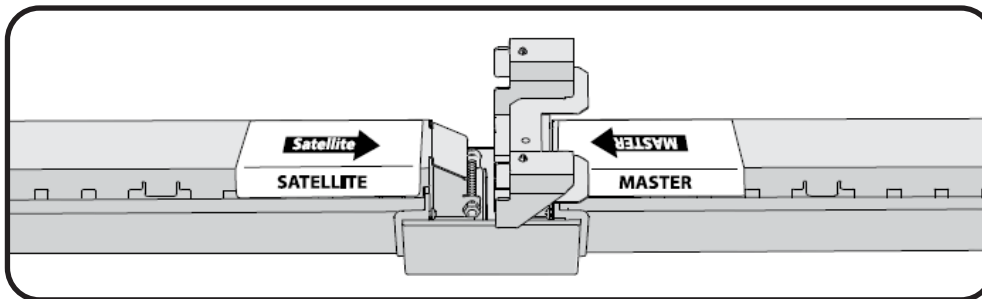
The LUR Gen 2 retrofit kit consists of an 8-foot configuration. The kit contains two 4ft. light engines: the master and the satellite. The master light engine has an integral driver that powers itself and one satellite light engine. The LED light engines are connected by bridge connectors. Within the text, "section(s)" will be brought up, a section compromises of a light engine, bridge connection and suspension bracket.



Installation

① Single 4-foot light engine is out

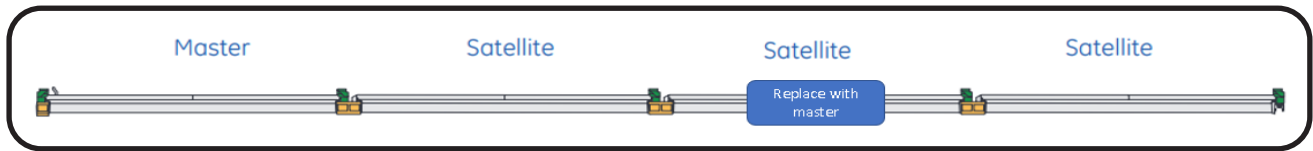
- Verify proper orientation of the master and satellite light engines. The labels should point to each other. As shown below. Please ensure that 2 satellites are not connected back to back, as the latter one will not be lit.
- If it's still not lighting up, replace the entire 8-foot section as shown below.



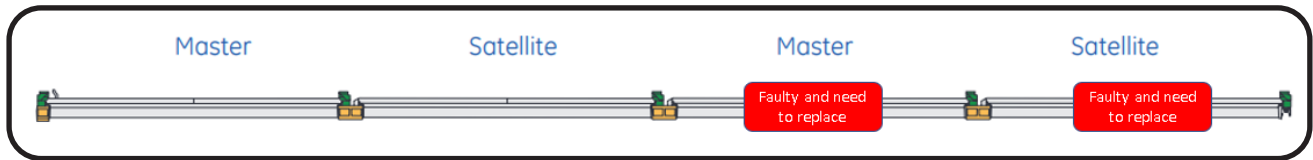
Installation

② Single 8-foot section is out

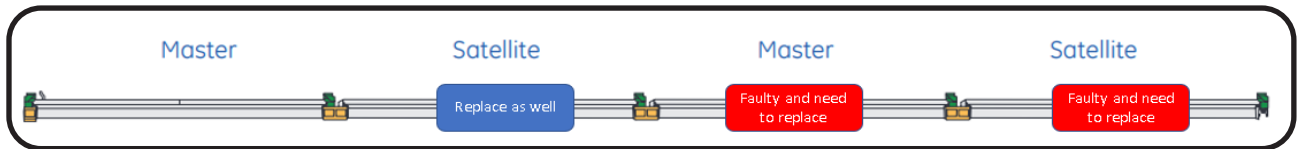
- Ensure that the master/satellite configuration is maintained. If there are 3 consecutive satellites in the row, that will result in an 8-foot section out.



- A single 8-foot master/satellite outage is usually caused by a failed driver in the master light engine. The driver is not replaceable.
- If not located at the end of the row, replace entire 8-foot section as shown below.

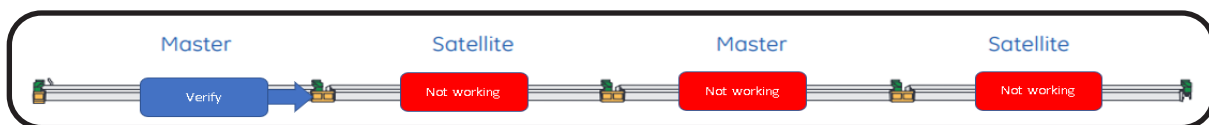


- If the 8-foot section is at the end of the row, then replace the 4-foot section prior to it as well as shown below.

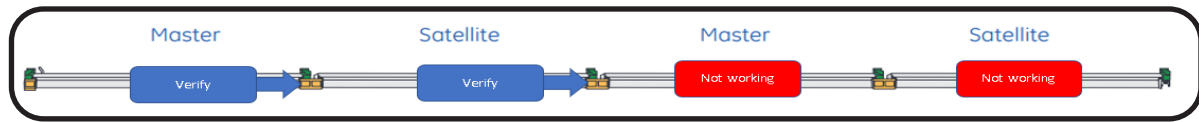


③ Multiple continuous light engines are out consecutively (more than 2 x 4-foot sections)

- Continuous rows are powered by an internal wiring harness. Check the bridge connector where the outage begins.
- If the 1st out fixture is a satellite, check the connection between the prior master and that satellite (replace verified sections as well).



- If the 1st out fixture is a master, check the connection prior to the master and satellite (replace verified sections as well).



- If a faulty connection is found in the bridge, replace as indicated above.

4 Entire row outage

- Ensure that the breaker is not tripped. If it is, count the number of 8-foot sections on breaker/power drop. Ensure that it does not exceed 52 x 8-foot sections.
- Check the power connection to the first master light engine in the row. Note that there will be multiple circuits coming in the existing fluorescent fixture, 1 circuit will be tied to the power cord of the LUR2 series and 2 circuits will be cut. (Visit Product Install sheet)
- If full rows or large sections of store are out, check the breaker at the panel. If the breaker is not tripped the issue may be related to the control system installed. Please contact the Daintree Controls team at 866-855-8629 or email CurrentSupport@gecurrent.com.

Important Notes:

- Please mark the removed fixtures in pairs so when received they can be analyzed together.
- If a bridge connection will not easily back out while performing checks, then remove complete 8-foot with the bridge in question in the middle.

For immediate assistance please call:

- Tech support: 1-888-694-3533