



Current DOC-2002763 Lumination LED Luminaire Installation Guide

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Current

Current DOC-2002763 Lumination LED Luminaire



BEFORE YOU BEGIN

Read these instructions completely and carefully.

WARNING

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. 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 radiofrequency 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.

Prepare Electrical Wiring

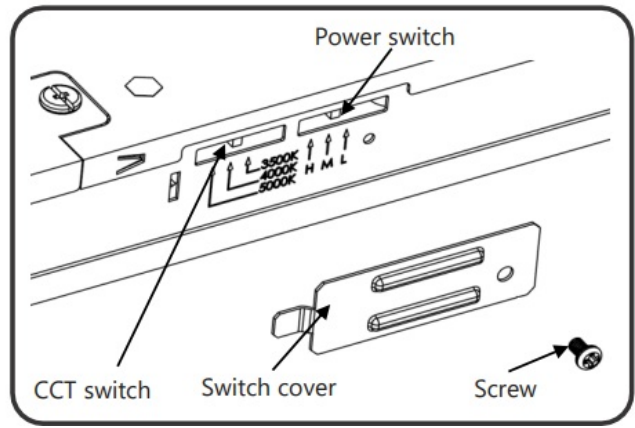
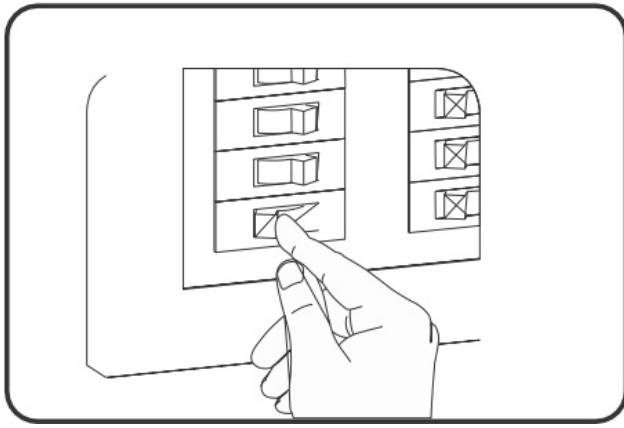
Electrical Requirements

- 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.

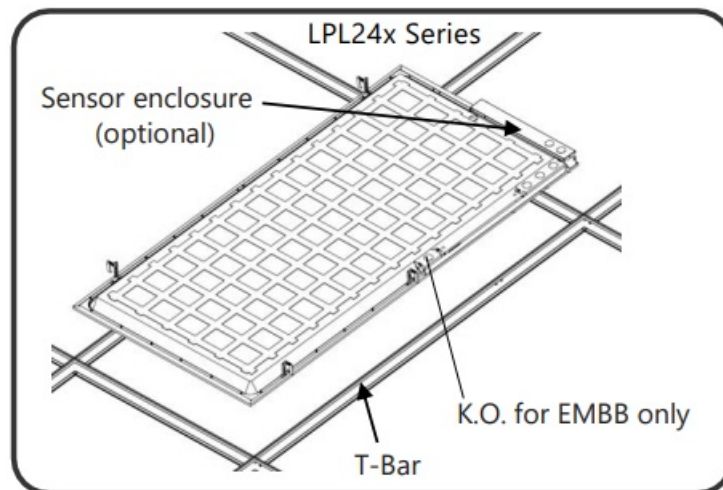
Grounding Instructions

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

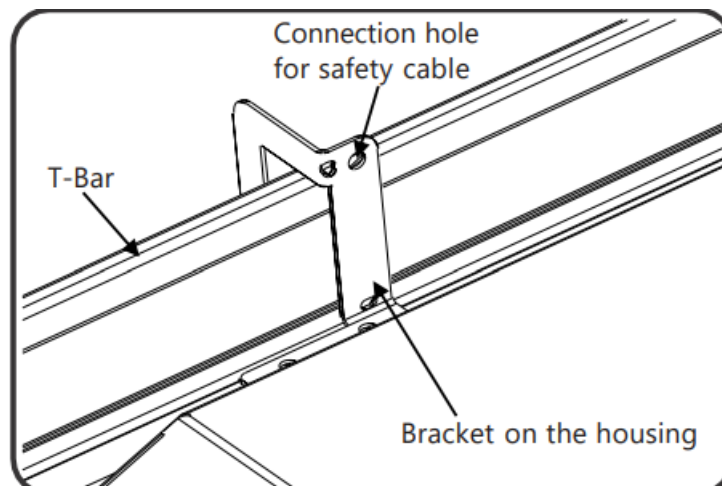
Luminaire Installation



1. TURN OFF POWER at the source to the luminaire.
2. The default power level is M (34W for 22x and 37W for 24x), and the default CCT is 4000K. For other power levels or CCT, loosen screw and remove the switch cover, then set switch to the desired power level or CCT by the tip of switch cover. Re-attach cover and tighten the screw.

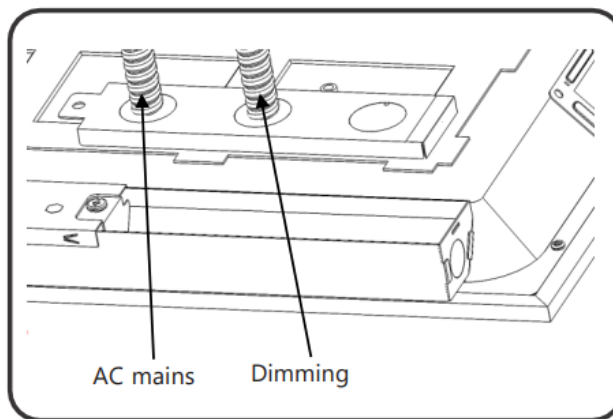
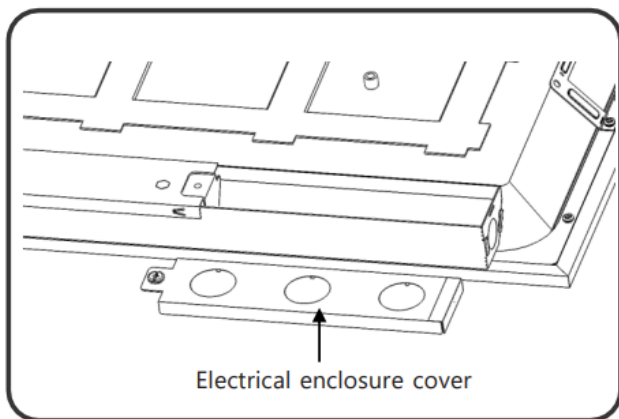


3. Insert luminaire into T-bar ceiling grid. Unit should not move freely within the ceiling grid. To ensure a consistent appearance, align fixtures in the same orientation throughout the ceiling pattern.

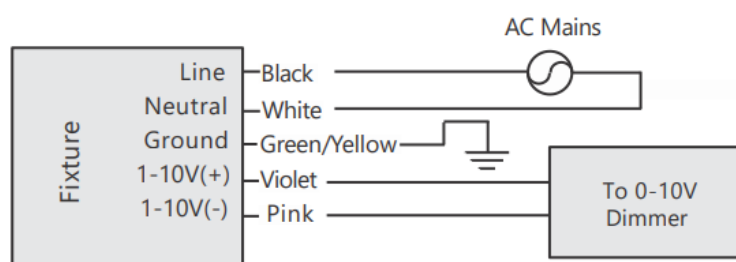


4. Bend the brackets on the housing to make sure they hook to T-Bar. Secure safety cable to connection hole as needed to meet local seismic requirements. Safety cable and method of attachment to the building are provided by the contractor according to local building codes.

Electrical Connections – Basic version



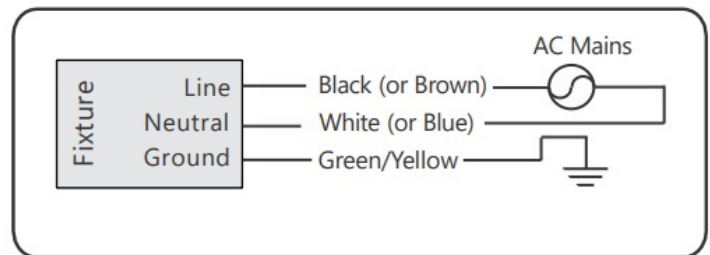
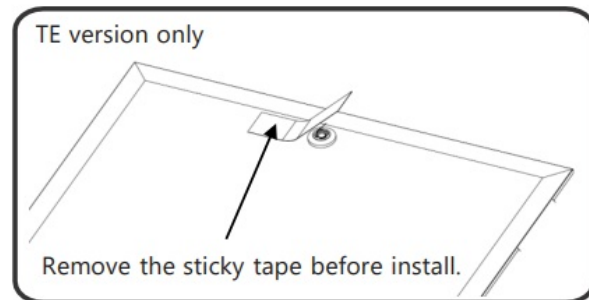
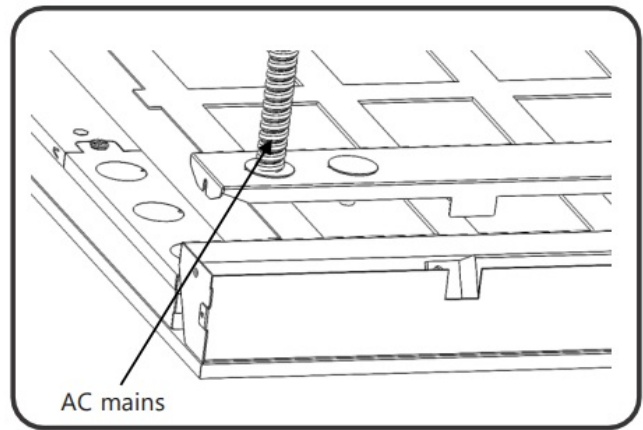
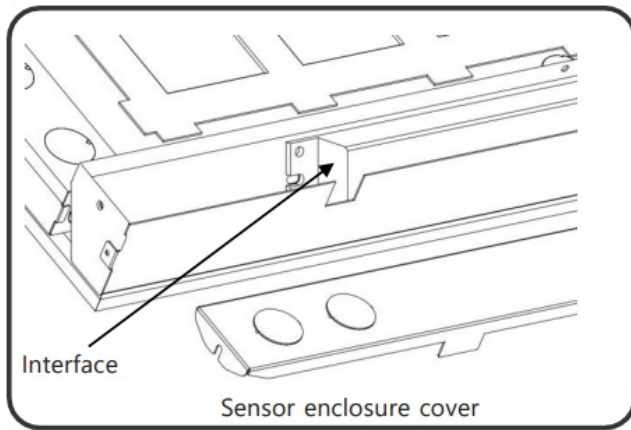
Optional Installation: 0-10V Dimming



1. Remove the electrical enclosure cover with three Knock-Outs on the top. Carefully remove knockout for AC mains input wires. Install UL-listed electrical fittings in the knockout holes for wire protection. Connect the AC mains to the black (line) and white (neutral) input wires of the fixture by using UL-listed connectors or wire nuts for 14-18 AWG. Connect the ground wire to the green-yellow ground wire of the luminaire. When connecting the dimming controller, wires must run through a separate knockout hole equipped with an appropriate wire restraint or cable gland. Then, re-attach and fix the electrical enclosure cover with a screw by screwdriver.
2. Option for control kit: To combine with LFAMBA0VQFAEL, LCAMBA0NRFAEL, LCAMBA0TSFAEL, LCAMBA0TQFAEL, LFAMBADVQFA, LCAMBA0NRFAB2, LCAMBA0TSFAB2, LCAMBA0TQFAB2, LCAMBA0NRFA, LCAMBA0TSFA or LCAMBA0TQFA, please follow the installation instruction IND467.

NOTE: Please cover dimming leads with wire nuts if leads not be connected.

Electrical Connections – Sensor version



1. For TE version, remove the sticky tape for bending the antenna before installation. For TT version, no antenna with the sensor.
2. Remove the sensor enclosure cover. Carefully remove knockout for AC mains input wires. Install UL-listed electrical fittings in the knockout holes for wire protection.
 - **LPL22x**
Connect the AC mains to the black (line) and white (neutral) input wires of the luminaire/interface by using UL-listed connectors or wire-nuts for 18-14 AWG.
 - **LPL24x**
Connect the AC mains to the brown (line) and blue (neutral) input wires of the luminaire/interface by using UL-listed connectors or wire-nuts for 18-14 AWG. Connect the ground wire to the green-yellow ground wire of the luminaire. Then, re-attach and fix the enclosure cover with the screw by a screwdriver.
3. Every luminaire in sensor version has an embedded wireless sensor (WIT100 or WIZ20). The luminaire can be set-up (or “commissioned”) and controlled via the Daintree EZ Connect app, which can be downloaded on the Apple® App Store. Daintree EZ Connect controls a localized zone or group of luminaires for greater savings and occupant comfort. This wireless solution allows a zone of adjacent luminaires to communicate with each other directly, without needing a separate hub, gateway or cloud-based operating system.

Please visit <https://www.gecurrent.com/search?keys=wit100> for more details

[gecurrent.com/lumination](https://www.gecurrent.com/lumination)

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Documents / Resources

	<p>Current DOC-2002763 Lumination LED Luminaire [pdf] Installation Guide</p> <p>IND676, DOC-2002763, Lumination LED Luminaire, DOC-2002763 Lumination LED Luminaire, LED Luminaire, Luminaire</p>
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References

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