Lumination® Controls Accessory

Supplement Installation (Controls Integration)

BEFORE YOU BEGIN

Read these instructions completely and carefully.

⚠ WARNING/AVERTISSEMENT

RISK OF FIRE OR ELECTRIC SHOCK

- Turn power off before inspection, installation or removal.
- Properly ground electrical enclosure.
- Follow all NEC and local codes.
- Use only UL approved wire for input/output connections.
- Minimum size 18 AWG (0.75mm^2).

RISQUES D'INCENDIE OU 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.
- Respectez tous les codes NEC et codes locaux.
- N'utilisez que des fils approuvés par UL pour les entrées/sorties de
- connexion. Taille minimum 18 AWG (0.75mm2).

Save These Instructions

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

Tools and Components Required

- See luminaire instructions.

IMPORTANT: Controller Identification Labels

Control labels can be visible either on the control unit itself, on a sensor unit (if applicable) or near the fixture labels on the outside of the luminaire. These labels can be left in the same visible spot, or they can be placed in an area on the fixture that is easy to access for identification. Labels can be (or may be required to be) placed on a floorplan drawing for commissioning. Consult with commissioning agent for further details and requirements. Refer to Controls Identification section of this document.

IMPORTANT: Controls Option Details

Please reference the link below for more details on the specific controls option ordered for this fixture:
https://products.currentbyge.com/controls-and-sensors

Prepare Electrical Wiring

Electrical Requirements

- See luminaire instructions

Grounding Instructions

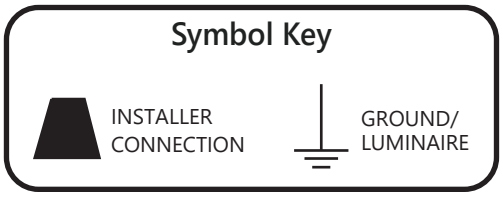
- The grounding and bonding of the overall system shall be done in accordance with National Electric Code (NEC) Article 600 and local codes.

Specifications

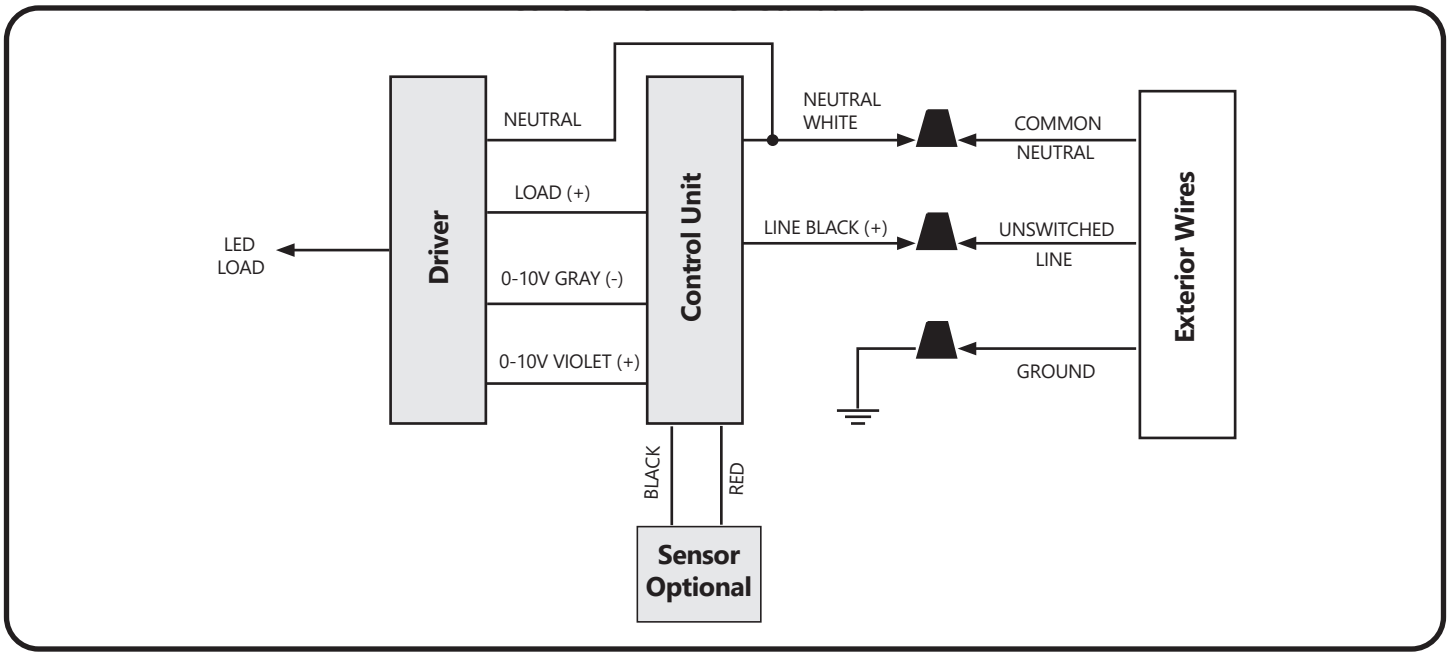
Description Code for Control Units
SQ - Daintree Sensor Ready (120-277 VAC)
TS - Daintree Wireless Fixture Adapter WFA100 (120-277 VAC)
TQ - LG Innotek (or Equivalent) Wireless Interface Module (120-277 VAC)
T1 - Daintree One (120-277 VAC)
TT - Daintree EZ Connect (120-277 VAC)
TZ - Daintree Enterprise (120-277 VAC)

GE current
a Daintree company

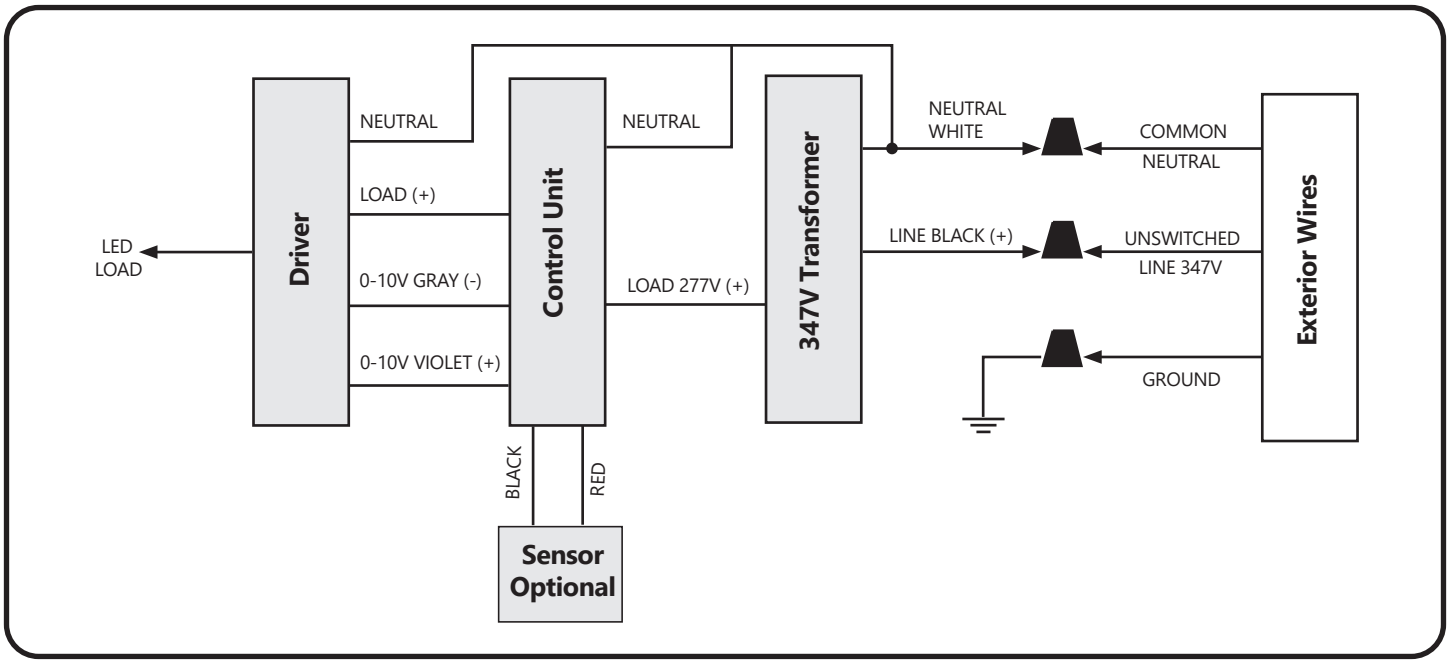
Wiring Diagrams



Standard Version: Control with Driver

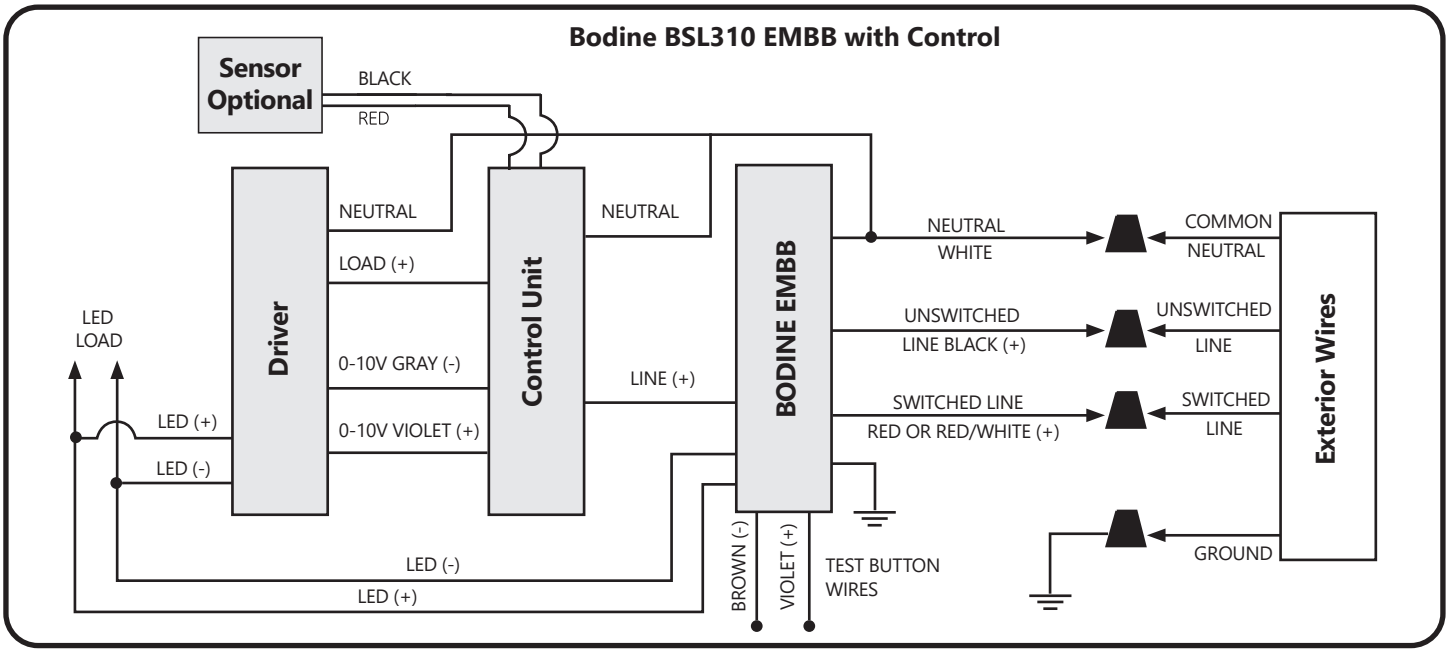


347V Transformer Version: 347V Transformer with Control

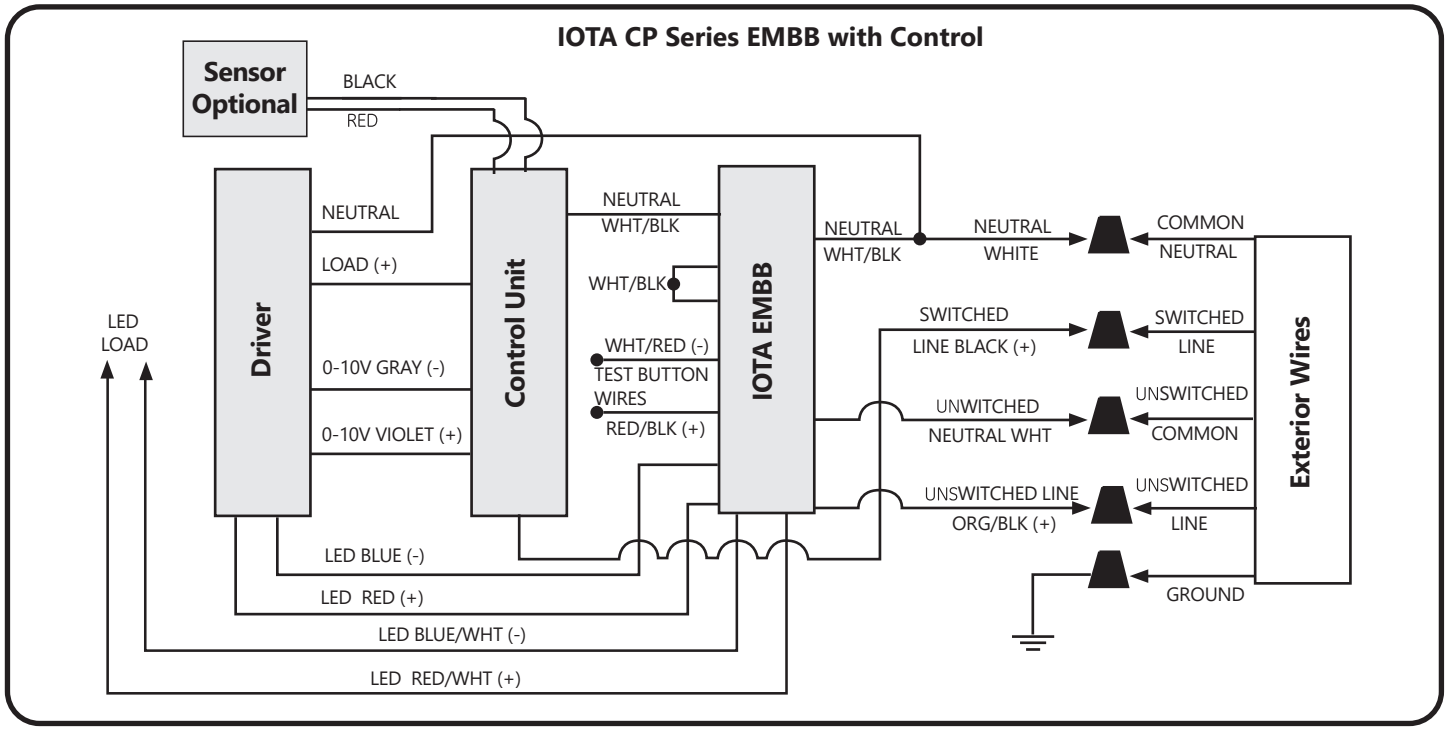


Standard Version: Control with Driver

NOTE: Refer to EMBB Supplement Guide for further information.

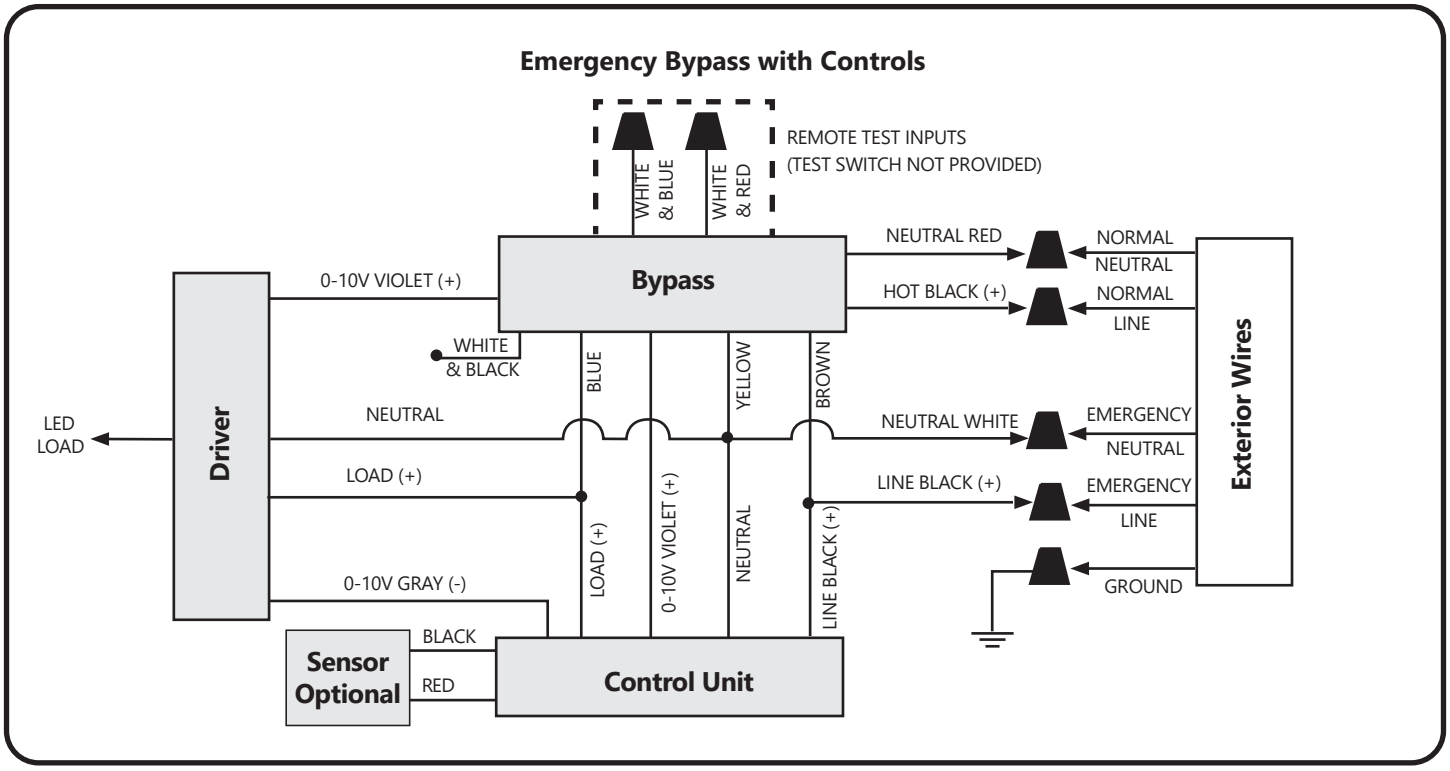


For further information refer to EMBB installation instructions by searching for proper model number at www.bodine.com

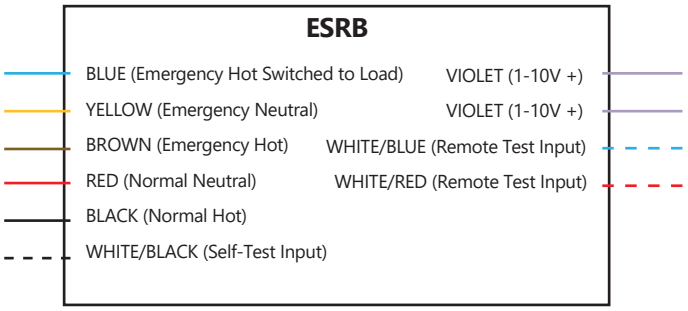


For further information refer to EMBB installation instructions by searching for proper model number at www.iotaengineering.com

Bypass Version: Control with Bypass



EMERGENCY BYPASS OPTION: Connect the BLACK and RED wires from the fixture to the normal, non-emergency AC wires to detect whether or not the fixture is in emergency mode.



NOTE:

- See diagram to right for wire colors and descriptions.
- Self-Test Input must be from same branch circuit as normal neutral and normal hot.
- Remote test switch is not provided.
- Remote test input is performed when input is CLOSED.
- This Bypass model is **NOT** to be used with a GE CID Driver (controls integrated driver) at this time.

* For further information on the bypass unit, refer to **www.functionaldevices.com**

Control Identification

NOTE: For sensor options, EITHER an Interface Module with 0-10V Driver or CID Driver only could be integrated in to the fixture. There may be no identification in cat logic as to which solution is used . For replacement components make sure the correct electronics are ordered and used.

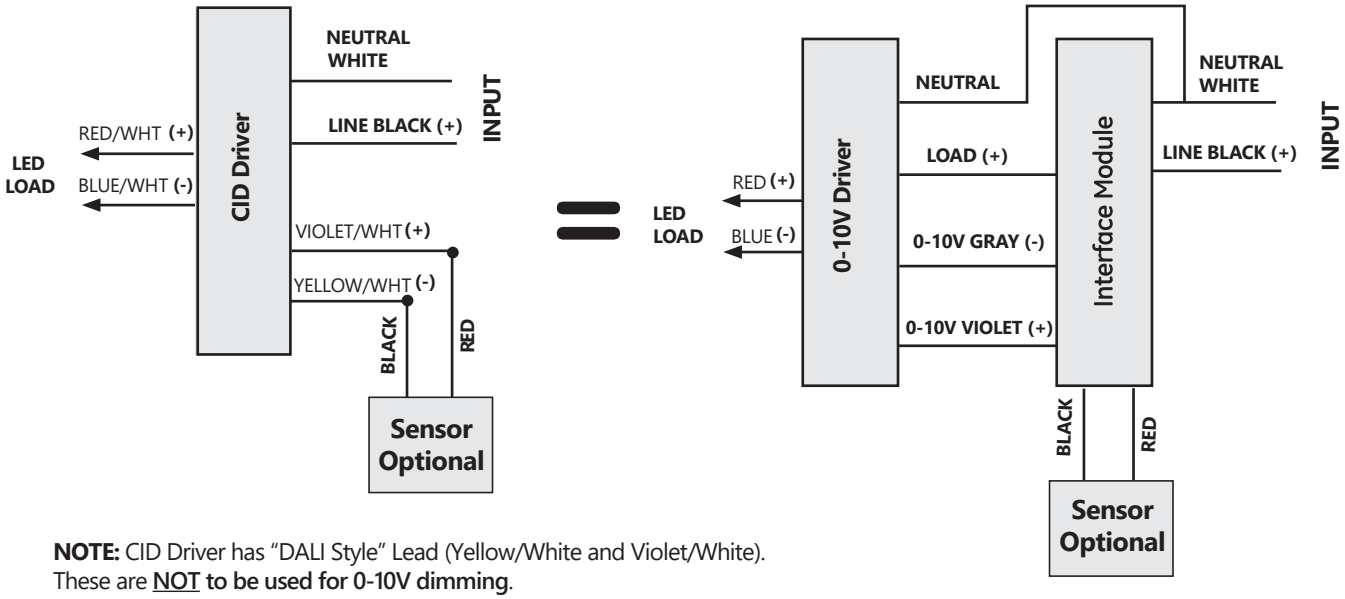
Interface Module with 0-10V Driver

Interface Module **0-10V Driver**

CID Driver (Controls Integrated Driver)

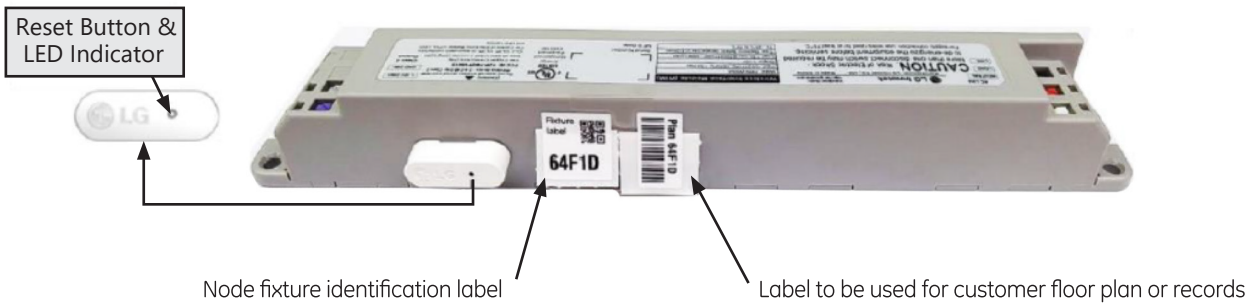
NOTE: CID has controls built in and is equal to the Interface with 0-10V Driver configuration. When a CID is used, there is no 0-10V interface option

CID Driver



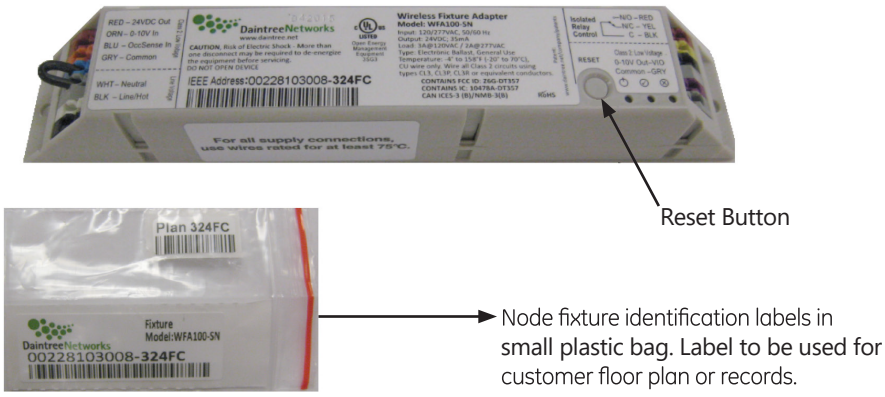
NOTE: CID Driver has "DALI Style" Lead (Yellow/White and Violet/White). These are NOT to be used for 0-10V dimming.

LG (or other) Controller (TQ) (Compatible with Daintree)



LABELS: The labels can be visible either on the control unit itself or near the fixture labels on the outside of the luminaire. These labels can be left in the same visible spot, or they may be placed in an area that is more convenient for identification.

Daintree Controller (TS)



LABELS: The labels are in a small plastic bag and can be visible either on the control unit itself or near the fixture labels on the outside of the luminaire. These labels can be left in the same visible spot, or they may be placed in an area that is more convenient for identification.

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)

This device complies with part 15 of the FCC rules for the United States and Industry Canada (IC) license exempt RSS standard(s). 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. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment. This product is intended for commercial use only.

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.

IND406 (Rev 04/02/21)