



# ULDC-T INSTALLATION MANUAL

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# Installation and Setup Guide

## 1. Safety Precautions

### IMPORTANT SAFETY INSTRUCTIONS

- Installation should be performed by qualified personnel only
- Risk of electric shock - disconnect all power sources before installation
- This device interfaces with mains voltage - ensure proper isolation
- Follow all local electrical codes and regulations
- Ensure proper grounding according to local regulations
- Protect the device from moisture and extreme temperatures
- Verify compatibility with your LED lighting system before installation

## 2. Package Contents

- ULDC-T Controller
- Quick Start Guide
- Mounting hardware
- Installation manual

## 3. Mounting Instructions

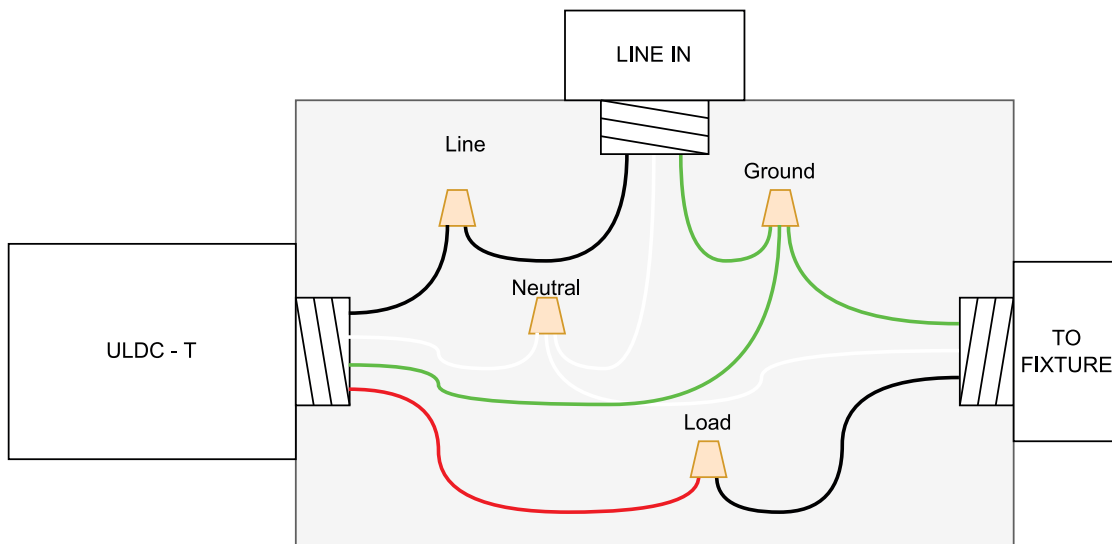
### 3.1 Location Selection

- Install in a dry, indoor location
- Ensure adequate ventilation
- Avoid exposure to direct sunlight
- Keep away from heat sources
- Allow minimum 50mm clearance on all sides
- Mount in electrical enclosure when interfacing with mains voltage
- Install near the LED driver for optimal performance

## 3.2 Mounting Options

1. DIN Rail Mounting:
  - Clip the upper DIN rail groove onto the rail
  - Press the lower part until it snaps into place
  - Verify secure mounting
2. Surface Mounting:
  - Use the four mounting holes
  - Mark hole positions using the device as template
  - Use appropriate screws for the mounting surface
  - Ensure proper clearance for ventilation

## 4. Wiring Instructions



- Isolate mains power before connection.
- Connect all neutrals together.
- Connect all grounds together.
- Connect ULDC-T's load output to Fixture's Line input.
- Connect Line to ULDC-T's line input.

## 5. Configuration and Setup

### 5.1 Initial Power-Up

1. Verify all connections
2. Apply power to the unit
3. Check status LED indicators:
  - Power LED solid
  - Status LED blinking indicates normal operation

### 5.2 Network Configuration

1. Wireless Setup for mobile app:
  - Enable Bluetooth on your mobile device
  - Follow in-app instructions for device pairing
  - Configure Wi-Fi parameters as needed
  - Verify connection status via LED indicator
2. Use CRIB Wall Unit
  - Follow instructions on Wall Unit Application.

## 6. Troubleshooting

### 6.1 Common Issues

1. Dimming Issues:
  - Check load output connection
  - Confirm LED driver compatibility

2. Communication Issues:
  - Check load output connection
  - Confirm LED driver compatibility
3. Power Issues:
  - Verify input voltage
  - Confirm proper grounding
  - Check for loose connections

## 7. Maintenance

- Regular inspection of connections
- Clean cooling vents if present
- Check mounting security periodically
- Update firmware when available
- Document any system changes
- Verify proper operation after maintenance

## 8. Support Contact

For technical support:

- Email: [support@criblighting.com](mailto:support@criblighting.com)
- Phone: +X-XXX-XXX-XXXX
- Website: [www.criblighting.com/support](http://www.criblighting.com/support)