



ULDC-T INSTALLATION MANUAL

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

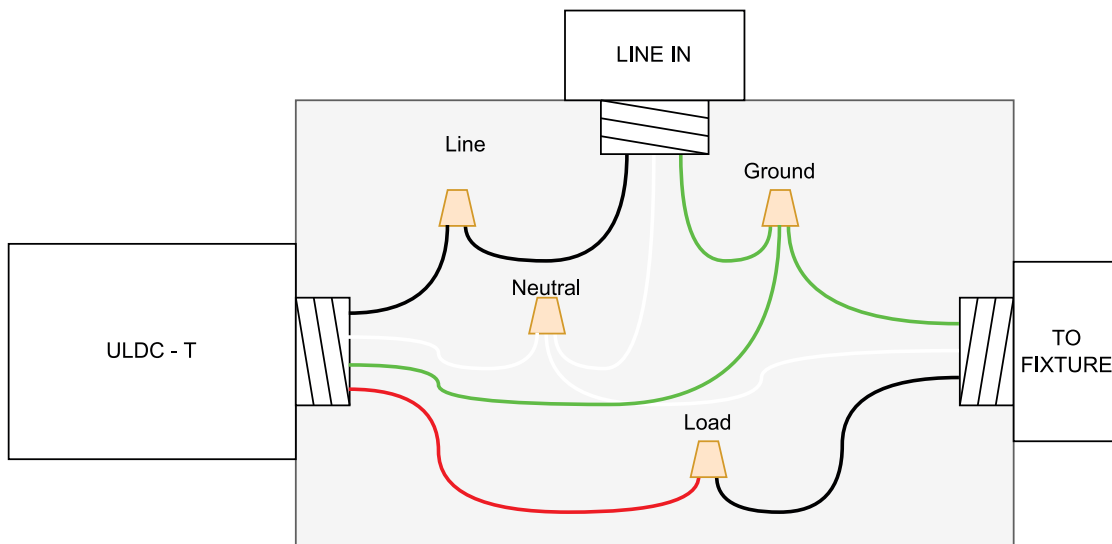
3.1 Location Selection

- 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
- Phone: +X-XXX-XXX-XXXX
- Website: www.criblighting.com/support