

Lithonia Lighting T21 BL

Lithonia Lighting T21 BL Track Lighting End Feed Connector Instruction Manual

INTRODUCTION

This manual provides essential instructions for the safe installation and proper use of the Lithonia Lighting T21 BL Track Lighting End Feed Connector. This connector is specifically designed to supply power to Juno Lighting Trac-Master track systems.

The T21 BL connector is constructed from extruded aluminum with a thermoplastic insulator, ensuring both durability and reliable electrical performance within your lighting setup.

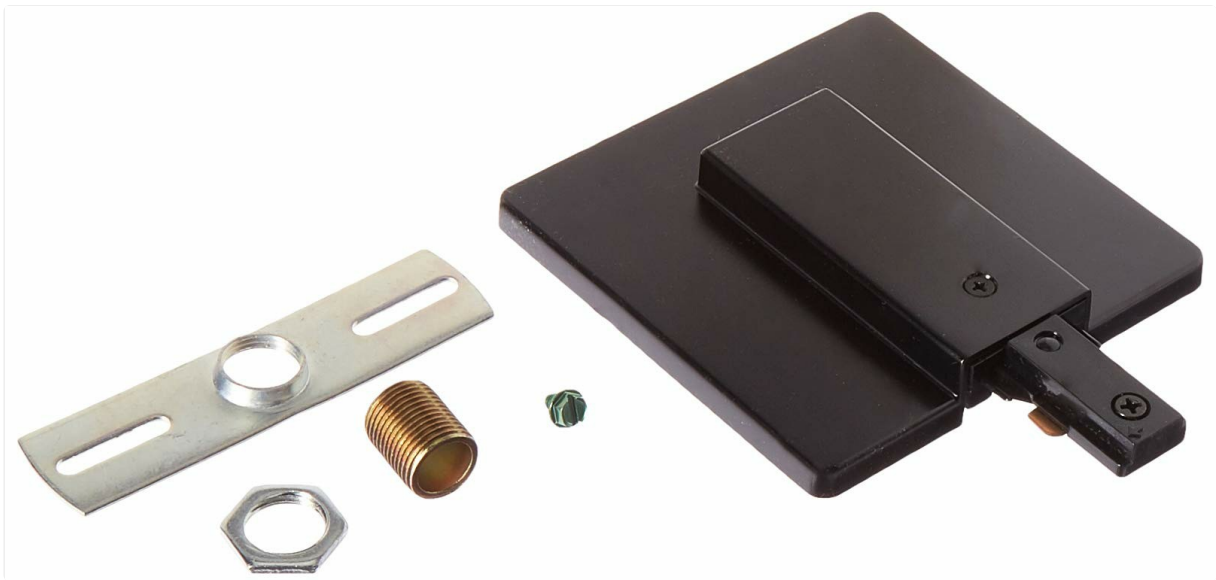
SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing.
- All electrical connections must be in accordance with local codes, ordinances, or the National Electric Code (NEC).
- If you are unfamiliar with electrical wiring, consult a qualified electrician.
- Do not install in wet locations or areas exposed to direct water spray. This product is intended for indoor use only.
- Ensure all connections are secure and properly insulated.

PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before proceeding with installation.



The image above displays the Lithonia Lighting T21 BL Track Lighting End Feed Connector and its associated components, including the main connector body, mounting bracket, threaded nipple, and lock nut.

- 1 x T21 BL End Feed Connector Body
- 1 x Mounting Bracket
- 1 x Threaded Nipple
- 1 x Lock Nut
- 1 x Ground Screw

SETUP AND INSTALLATION

Pre-Installation

- Turn off power at the circuit breaker or fuse box before starting any electrical work.
- Ensure the mounting surface is clean, dry, and structurally sound.
- Gather necessary tools: screwdriver, wire strippers, pliers, voltage tester.

Installation Steps

1. **Prepare the Outlet Box:** Ensure the electrical outlet box is properly installed and secured to the ceiling or wall.
2. **Attach Mounting Bracket:** Secure the provided mounting bracket to the outlet box using appropriate screws (not included, typically supplied with the outlet box).
3. **Connect Wiring:** Feed the electrical wires from the outlet box through the center hole of the mounting bracket and into the connector body. Connect the supply wires to the corresponding wires on the T21 BL connector (typically black to black, white to white, and ground to ground). Use approved wire connectors.
4. **Secure Connector Body:** Position the T21 BL connector body over the mounting bracket. Use the threaded nipple and lock nut to firmly secure the connector to the mounting bracket and outlet box.
5. **Connect to Track System:** Align the end feed connector with the end of your Juno Lighting Trac-Master track section. Slide the connector firmly into the track until it clicks into place, ensuring a secure electrical and mechanical connection.
6. **Restore Power:** Once all connections are secure and the track system is fully assembled, restore power at the circuit breaker.

Note: For optimal safety and performance, it is recommended that installation be performed by a qualified electrician.

OPERATING INSTRUCTIONS

The Lithonia Lighting T21 BL End Feed Connector is designed for continuous operation once properly installed. It serves as the power supply point for your track lighting system.

- Ensure all track heads or fixtures are correctly inserted and locked into the track system.
- Verify that the circuit breaker supplying power to the track is in the 'ON' position.
- If using a dimmer switch, ensure it is compatible with your track lighting fixtures and is functioning correctly.

MAINTENANCE

The T21 BL connector requires minimal maintenance to ensure long-lasting performance.

- **Cleaning:** Periodically wipe the exterior of the connector with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the connector and track system for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and address them immediately.
- Do not attempt to disassemble or modify the connector. This will void the warranty and may create a safety hazard.

TROUBLESHOOTING

If you experience issues with your track lighting system, refer to the following common troubleshooting steps:

- **No Power to Track:**
 - Check if the circuit breaker is tripped. Reset if necessary.
 - Ensure all wire connections at the outlet box and within the connector are secure.
 - Verify that the connector is fully seated and making proper contact with the track.
- **Intermittent Power:**
 - Inspect for loose connections within the connector or where the connector meets the track.
 - Check for any damage to the track or connector that might be causing poor contact.
- **Flickering Lights:**
 - Ensure all track heads are properly installed and making good contact.
 - Verify that the total wattage of your fixtures does not exceed the track system's capacity or the circuit's rating.

If troubleshooting steps do not resolve the issue, contact a qualified electrician or Lithonia Lighting customer support.

SPECIFICATIONS

Brand	Lithonia Lighting
Model Name	T21 BL
Color	Black
Material	Aluminum
Voltage	120 Volts
Installation Type	Surface Mount
Product Dimensions	91.88 x 1.38 x 0.68 inches
Item Weight	1.06 pounds
Country of Origin	CHINA
UPC	661209002013

WARRANTY

The Lithonia Lighting T21 BL Track Lighting End Feed Connector is backed by a **1-year manufacturer warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service.

Please retain your proof of purchase for warranty claims. The warranty does not cover damage resulting from improper installation, misuse, abuse, or unauthorized modifications.

SUPPORT

For technical assistance, replacement parts, or to inquire about warranty claims, please contact Lithonia Lighting customer support. Refer to the official Lithonia Lighting website or product packaging for the most current contact information.

When contacting support, please have your product model number (T21 BL) and proof of purchase readily available.