Ledvion LVT10004_2m5s

Ledvion Single-Phase LED Track Lighting System (2m, White, 5 GU10 Adjustable Spots) - Instruction Manual

Model: LVT10004_2m5s

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Ledvion Single-Phase LED Track Lighting System. This system features a 2-meter track with 5 adjustable GU10 spots, designed to offer flexible and targeted illumination for various indoor environments.

The Ledvion track lighting system is compatible with single-phase tracks and is designed for direct ceiling installation. Its elegant white finish and adjustable spots make it suitable for modern interiors, providing practical and aesthetic lighting.



Image: Ledvion track lighting system with five spots installed in a modern kitchen, illuminating the countertop and island.

Safety Information

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

- **Electrical Safety:** Installation must be performed by a qualified electrician or in accordance with local electrical codes. Ensure power is disconnected at the circuit breaker before installation, maintenance, or bulb replacement.
- **Voltage:** This product operates at 230 Volts. Verify your electrical supply matches this requirement.
- **Bulb Type:** Use only GU10 LED bulbs. Bulbs are not included with this system.
- **Indoor Use Only:** This lighting system is designed for indoor use in dry locations. Do not expose to moisture or extreme temperatures.
- **Heat:** Allow bulbs to cool before handling. Do not touch hot bulbs.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use liquid or abrasive cleaners.



Image: Packaging of the Ledvion lighting system, showing safety labels and manufacturer information.

Package Contents

Carefully unpack the box and ensure all components are present and undamaged. If any parts are missing or damaged, contact Ledvion customer support.



Image: "What's in the Box" diagram showing 5 GU10 spots, 5 anti-glare grids, two 1-meter track sections, mounting screws and anchors, and a power connector.

The package for model LVT10004_2m5s typically includes:

- 2-meter single-phase track (may be supplied in sections)
- 5 x GU10 adjustable spot heads
- Mounting hardware (screws, wall anchors)
- Power connector
- Optional anti-glare grids (5 pieces)
- Instruction manual

Note: GU10 bulbs are not included and must be purchased separately.

Setup and Installation

Installation of the Ledvion track lighting system is designed to be straightforward. However, if you are unsure about any

steps, consult a qualified electrician.

1. **Prepare the Installation Area:**
    - Turn off power to the installation area at the main circuit breaker.
    - Mark the desired mounting location on the ceiling. Ensure the surface is suitable to support the weight of the track and spots.
2. **Mount the Track:**
    - Position the track sections and secure them to the ceiling using the provided mounting hardware. Ensure the track is level and firmly attached.
    - Connect the track sections if supplied in multiple pieces, ensuring proper alignment for electrical continuity.
3. **Connect Power:**
    - Connect the power supply wires to the track's power connector. Follow local electrical codes for wiring. Ensure all connections are secure.
4. **Install Spot Heads:**
    - Insert GU10 LED bulbs (not included) into each spot head.
    - Attach the spot heads to the track. The system features a user-friendly locking mechanism for easy plug-and-play installation. Simply align the spot head connector with the track and twist to lock it in place.
5. **Optional Anti-Glare Grid:**
    - If desired, insert the anti-glare grids into the front of the spot heads. These are designed to reduce glare and can be easily added or removed.
6. **Restore Power:**
    - Once all components are securely installed and wired, restore power at the circuit breaker.



Image: Illustration demonstrating the "Plug and Play Installation" process, showing how to easily add, remove, or reposition spotlights on the track using a locking system.

Optional Accessories

The Ledvion track system can be expanded with various optional accessories for enhanced functionality and design flexibility.

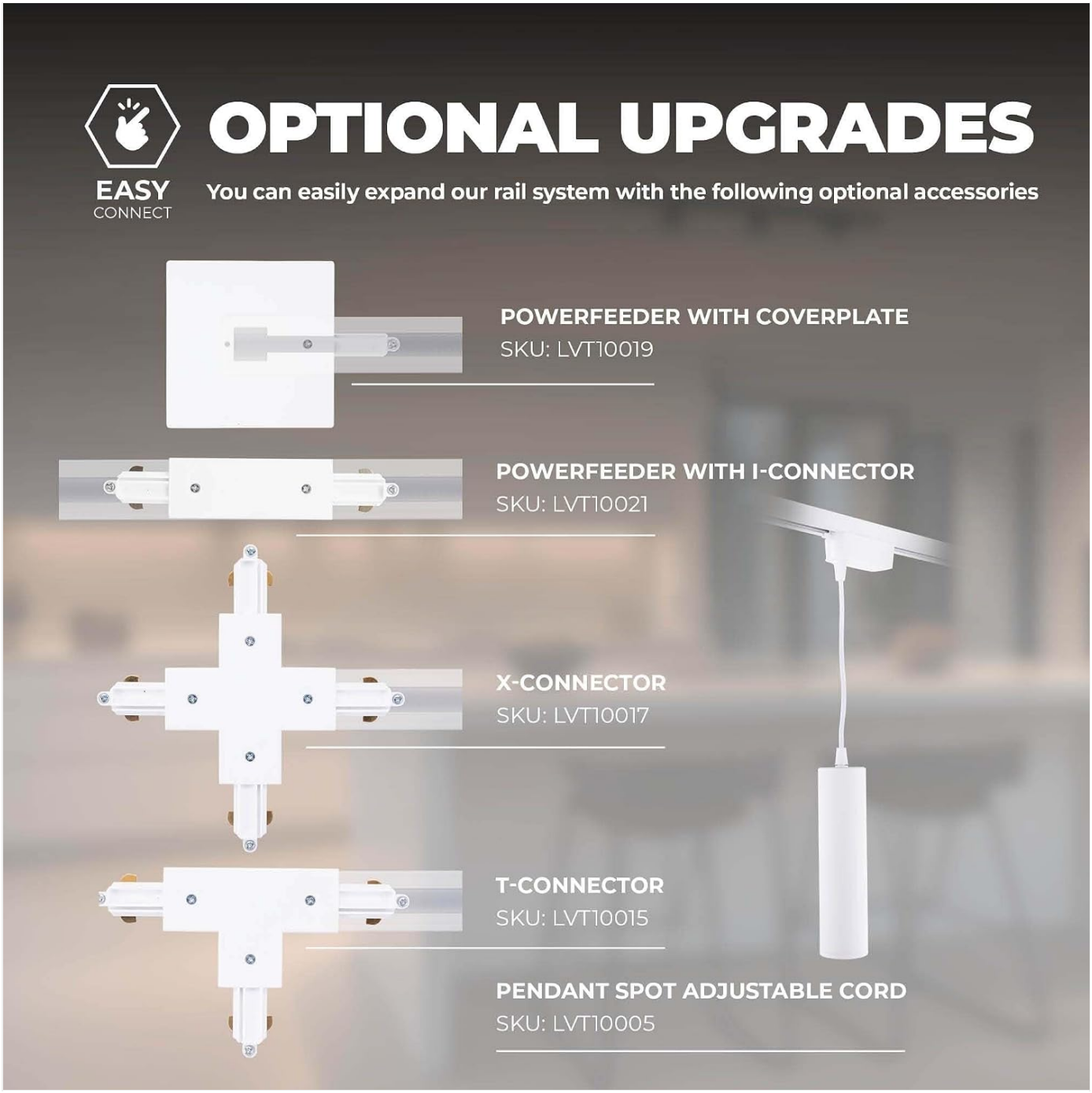


Image: Diagram illustrating optional upgrades such as Powerfeeder with Coverplate (SKU: LVT10019), Powerfeeder with I-Connector (SKU: LVT10021), X-Connector (SKU: LVT10017), T-Connector (SKU: LVT10015), and Pendant Spot Adjustable Cord (SKU: LVT10005).



Image: Close-up view of a track spot demonstrating the optional and freely supplied anti-glare grid, which can be easily added or removed to prevent glare.

Operating Instructions

Once installed, operating your Ledvion track lighting system is simple.

- **Power On/Off:** Control the lighting system using your standard wall switch connected to the circuit.
- **Adjusting Spot Direction:** Each GU10 spot head is designed to be highly adjustable. You can tilt the spotlight 350 degrees in all directions and rotate it to direct light precisely where needed.



Image: Illustration demonstrating the 350-degree adjustable and rotatable feature of the track lighting spotlight, allowing for precise light direction.



Image: Close-up view of a single white GU10 track spot, highlighting its cylindrical design and connection to the track.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your lighting system.

- **Cleaning:**
  - Before cleaning, ensure the power is turned off at the circuit breaker.
  - Wipe the track and spot heads with a soft, dry, lint-free cloth.
  - Do not use abrasive cleaners, solvents, or polishes, as these can damage the finish.
- **Bulb Replacement:**
  - Always turn off power at the circuit breaker and allow bulbs to cool completely before attempting to replace them.
  - Gently twist and pull out the old GU10 bulb.
  - Insert the new GU10 LED bulb by aligning the pins and pushing it in, then twisting gently to secure.
- **Inspection:** Periodically check all connections and mounting points to ensure they remain secure.

Troubleshooting

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

Problem	Possible Cause	Solution
Lights do not turn on	◦ No power to the circuit ◦ Loose wiring connection ◦ Faulty bulb ◦ Spot head not properly connected to track	◦ Check circuit breaker. ◦ Verify all electrical connections are secure (ensure power is off first). ◦ Replace bulb with a known working GU10 LED bulb. ◦ Ensure spot head is securely twisted and locked onto the track.
Flickering lights	◦ Loose bulb ◦ Incompatible dimmer switch (if applicable) ◦ Faulty bulb	◦ Ensure bulbs are fully inserted and twisted. ◦ If using a dimmer, ensure it is compatible with LED lighting. ◦ Replace bulb.
One spot not working	◦ Faulty bulb in that spot ◦ Spot head not making proper contact with track	◦ Replace the bulb in the affected spot. ◦ Remove and re-attach the spot head, ensuring it locks securely.

If the problem persists after trying these steps, please contact Ledvion customer support.

Specifications

Detailed technical specifications for the Ledvion Single-Phase LED Track Lighting System (Model: LVT10004_2m5s).

Brand	Ledvion
Model Number	LVT10004_2m5s
Track Length	2000 mm (2 meters)
Spot Head Dimensions	Height: 175 mm (total), 140 mm (from track); Diameter: 52 mm
Package Dimensions (L x W x H)	105 x 20 x 15 cm
Item Weight	2.24 Kilograms
Material	Aluminum
Color	White (5 Railspots)
Voltage	230 Volts
Power Source	Electrical
Bulb Type	LED (GU10, not included)

Number of Spots	5
Adjustability	350-degree tilt and rotation
Country of Origin	China



Image: Dimensional drawing of the track lighting system, indicating a 2000mm track length, 175mm spot height, 140mm spot height (from track), and 52mm spot diameter.

Warranty and Support

Warranty Information: This product is covered by a standard return policy, allowing for returns or replacements within 30 days of purchase. For specific warranty terms beyond this period, please refer to the documentation provided with your product or contact Ledvion directly.

Customer Support: For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact Ledvion customer support. You can typically find contact information on the product packaging or the official

Ledvion website.
For more information about Ledvion products, visit theLedvion brand page on Amazon.

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