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### Ledvion LVT10002\_1m3s\_RGB

# Ledvion 1-Meter 3-Spot RGB LED Track Lighting System User Manual

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your Ledvion 1-meter, 3-spot RGB LED track lighting system. This modern and flexible lighting solution features a 1-phase track with GU10 fittings, allowing for customizable light intensity and color temperature. The system is designed for easy installation and is suitable for various indoor environments such as homes, offices, and shops, providing optimal, tailored lighting.

## 2. SAFETY INFORMATION

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

- Always disconnect the power supply at the main circuit breaker before attempting any installation, maintenance, or repair.
- Installation should be performed by a qualified electrician if you are unsure about electrical wiring.
- Do not expose the product to moisture, water, or extreme temperatures. This product is designed for indoor use only.
- Ensure all electrical connections are secure and comply with local electrical codes to prevent electrical hazards.
- Do not touch the spotlights or bulbs immediately after use, as they may be hot.
- Use only GU10 LED lamps compatible with the system's specifications.

## 3. PACKAGE CONTENTS

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Carefully unpack the box and ensure all components are present and undamaged. If any parts are missing or damaged, please contact your retailer.

# WHAT'S IN THE BOX

SKU: LVT10002\_1m3s\_RGB



This image displays all components included in the box for the Ledvion 1-meter 3-spot RGB track lighting system, such as the track, three spotlights, three RGB GU10 bulbs, three anti-glare grids, and mounting accessories.

The package typically includes:

- 1x 1-meter Track Rail
- 3x RGB LED Spotlights with GU10 fittings
- 3x Anti-Glare Grids (optional to install)
- Mounting Hardware (screws and wall plugs)
- 1x Power Connector

## 4. SETUP & INSTALLATION

The Ledvion track lighting system is designed for straightforward, plug-and-play installation. It can be mounted on ceilings in various rooms like kitchens or living rooms. The spotlights can be positioned precisely where needed.



This image shows the Ledvion 1-meter track lighting system with three spotlights illuminating a closet space, demonstrating a typical installation scenario.

### Installation Steps:

1. **Preparation:** Ensure the power supply to the installation area is turned off at the main circuit breaker before beginning any work.
2. **Mounting the Track:** Position the 1-meter track rail on the desired ceiling location. Use a pencil to mark the drilling points through the pre-drilled holes on the track. Drill holes into the ceiling and insert the provided wall plugs. Securely fasten the track rail to the ceiling using the provided screws.
3. **Connecting Power:** Connect the power feeder to one end of the track rail and then to your main electrical supply. Ensure proper wiring according to local electrical codes. The electricity is designed to enter through one end of the track.
4. **Installing Spotlights:** Insert the GU10 RGB LED lamps into the spotlights. If desired, attach the anti-glare grids to the spotlights. Then, attach the spotlights to the track rail. The plug-and-play locking system allows for easy addition, removal, or repositioning of spotlights. Simply align the spotlight connector with the track, push it up, and twist to lock it securely in place.



# PLUG AND PLAY INSTALLATION

Effortless plug-and-play installation with our user-friendly locking system. Seamlessly add, remove or reposition spotlights with ease



This diagram details the simple plug-and-play installation process for the spotlights, highlighting how they easily attach and lock onto the track rail.

## 5. OPERATING INSTRUCTIONS

Once the track lighting system is installed and powered, you can begin operating your spotlights.



A detailed view of one white Ledvion track spotlight, showcasing its cylindrical design and the RGB light source.

- **Power On/Off:** Use your wall switch to turn the track lighting system on or off.
- **Adjusting Light Direction:** The RGB LED spotlights are 350-degree adjustable and rotatable, allowing you to direct the light exactly where needed. Gently pivot and rotate each spotlight to achieve your desired illumination angle.



# FREE ANTI-GLARE GRID

Prevent glare with the optional and freely supplied anti-glare grid. Easy to add and remove



FREE AND OPTIONAL

EASY TO ADD/REMOVE

Ledvion

This illustration demonstrates the extensive adjustability of the track spotlights, which can be tilted 350 degrees and rotated 90 degrees to direct light precisely.

- **Color and Brightness Control (RGB):** If using RGB GU10 bulbs, control their color and brightness using a compatible remote control or smart home system (not included). Refer to the bulb's specific instructions for pairing and operation.
- **Dimming:** The track armatures with GU10 fittings are suitable for energy-efficient LED lamps and can be dimmed with an external dimmer (not included). Ensure your dimmer is compatible with LED lighting.

## 6. MAINTENANCE

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

- **Cleaning:** Always ensure the power is off before cleaning. Use a soft, dry cloth to gently wipe down the track rail and spotlights. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Bulb Replacement:** Ensure the power is off and the bulb has cooled down before attempting to replace a GU10 LED lamp. Twist the old bulb counter-clockwise to remove it and insert a new GU10 bulb by twisting

clockwise until secure.

- **Inspection:** Periodically check all connections and mounting points to ensure they remain secure.

## 7. TROUBLESHOOTING

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

- **Lights not turning on:**
  - Check if the main power supply is on.
  - Ensure all electrical connections are secure.
  - Verify that the GU10 bulbs are correctly inserted and not faulty.
  - If using a dimmer, ensure it is compatible with LED lighting and correctly installed.
- **Flickering lights:**
  - Check for any loose connections in the wiring or at the spotlight.
  - Ensure the dimmer switch (if used) is compatible with LED bulbs and functioning correctly.
- **Spotlight not adjusting:**
  - Ensure the spotlight is securely attached to the track rail.
  - Check if the adjustment mechanism is obstructed.
- **RGB color issues:**
  - Ensure the RGB bulbs are correctly paired with their remote control or smart system.
  - Check the remote control's batteries.

If these steps do not resolve the issue, please contact customer support or a qualified electrician.

## 8. OPTIONAL UPGRADES & ACCESSORIES

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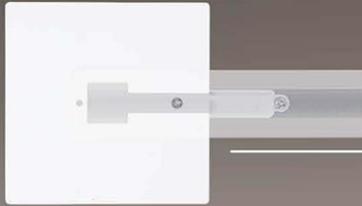
The Ledvion track system is designed to be modular and expandable, offering various optional accessories for enhanced functionality and customization of your lighting setup.



**EASY**  
CONNECT

# OPTIONAL UPGRADES

You can easily expand our rail system with the following optional accessories



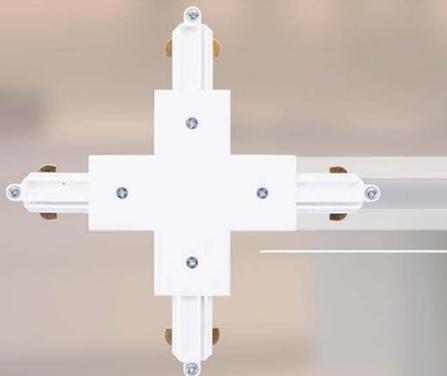
## POWERFEEDER WITH COVERPLATE

SKU: LVT10019



## POWERFEEDER WITH I-CONNECTOR

SKU: LVT10021



## X-CONNECTOR

SKU: LVT10017



## T-CONNECTOR

SKU: LVT10015



## PENDANT SPOT ADJUSTABLE CORD

SKU: LVT10005

This image illustrates several optional accessories available for expanding the Ledvion track system, such as power feeders, X-connectors, T-connectors, and a pendant spot with an adjustable cord.

- **Powerfeeder with Coverplate (SKU: LVT10019):** For a discreet and clean power connection point to your track rail.
- **Powerfeeder with I-Connector (SKU: LVT10021):** Used to connect multiple track sections in a straight line while providing power.
- **X-Connector (SKU: LVT10017):** Allows for creating a cross-shaped track layout, connecting four track sections.
- **T-Connector (SKU: LVT10015):** Enables the creation of a T-shaped track layout, connecting three track sections.
- **Pendant Spot Adjustable Cord (SKU: LVT10005):** An accessory to integrate hanging pendant lights into your track system.



# ADJUSTABLE AND ROTATABLE

The track lighting spotlight can be tilted 350 degrees in all directions, ensuring you always have the perfect light exactly where you need it



This image highlights the optional anti-glare grid, which can be easily added or removed from the spotlight to prevent harsh glare.

- **Free Anti-Glare Grid:** An optional, freely supplied grid designed to prevent harsh glare from the spotlight. It is easy to add and remove as needed.

## 9. SPECIFICATIONS

Detailed technical specifications for the Ledvion 1-Meter 3-Spot RGB LED Track Lighting System (Model: LVT10002\_1m3s\_RGB).



A technical drawing providing precise dimensions of the Ledvion 1-meter track lighting system, including the track length and spotlight measurements.

<b>Brand</b>	Ledvion
<b>Product Dimensions</b>	105 x 15 x 10 cm
<b>Item Model Number</b>	LVT10002_1m3s_RGB
<b>Manufacturer</b>	Ledvion
<b>Part Number</b>	LVT10002_1m3s_RGB
<b>Weight</b>	1375 Grams
<b>Number of Items</b>	1
<b>Style</b>	Track Lighting SET 2
<b>Color</b>	RGB

<b>Material</b>	Aluminum
<b>Included Components</b>	Ledvion - LED Track Lighting, 1m, 1-Phase, 3W, White, RGB, 3 Track Spots, Ceiling Lamp, Living Room Lamps, Track Light System
<b>Voltage</b>	230 Volts
<b>Power Source Description</b>	Mains Powered
<b>Batteries Included</b>	No
<b>Batteries Required</b>	No
<b>Wattage</b>	49 watts
<b>ASIN</b>	B0DB64ZPZ5
<b>Country of Origin</b>	China

## 10. WARRANTY & SUPPORT

For warranty information regarding your Ledvion track lighting system, please refer to the specific warranty documentation provided with your purchase or visit the official Ledvion website. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact your retailer or Ledvion customer service directly. Contact details can typically be found on the product packaging or the official brand website.