

## Ledvion LVT10001\_2m4s

# Ledvion 2M LED Track Lighting System with 4 Dimmable GU10 Spotlights, Black

Model: LVT10001\_2m4s

## 1. PRODUCT OVERVIEW

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The Ledvion 2M LED Track Lighting System offers a modern and flexible solution for illuminating various indoor spaces. This single-phase track system includes four dimmable GU10 spotlights, allowing you to customize the lighting ambiance. It is designed for energy efficiency and adaptability, suitable for homes, offices, and retail environments.

### Key Features:

- **Modern and Flexible Lighting:** Provides a contemporary and versatile way to illuminate any room, easily creating the desired atmosphere.
- **Light Customization:** The track lighting can be used with or without desired (color) lamps to fully adjust light intensity and color temperature to your needs.
- **Easy Installation:** Designed for straightforward installation in kitchens, living rooms, or other areas. Spotlights can be positioned precisely where needed.
- **Energy Efficient and Dimmable:** Compatible with energy-saving LED lamps and can be dimmed using an external dimmer, allowing perfect lighting adjustment for any occasion.
- **Versatile Application:** An elegant and energy-efficient lighting solution ideal for homes, offices, and shops, providing optimal personalized lighting in every room.



*Image 1.1: The Ledvion 2M LED Track Lighting System installed in a modern kitchen, demonstrating its application and aesthetic.*

## **2. WHAT'S IN THE BOX**

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The Ledvion 2M LED Track Lighting System (SKU: LVT10001\_2m4s) package includes the following components:

- 2-meter track rail (2 sections)
- 4 Track Spotlights with GU10 fitting
- Mounting hardware (screws, wall plugs)
- Track connector
- End cap
- Optional anti-glare grids (4 pieces)

# WHAT'S IN THE BOX

SKU: LVT10001\_2m4s



Image 2.1: All components included in the Ledvion 2M LED Track Lighting System package.

## 3. SETUP AND INSTALLATION

Before beginning installation, ensure the power supply is turned off at the main circuit breaker. This system is designed for wall or ceiling mounting.

### 3.1 Mounting the Track Rail

1. **Plan Layout:** Determine the desired location for your track lighting system on the wall or ceiling. Mark the drilling points for the mounting brackets.
2. **Drill Holes:** Use an appropriate drill bit to create holes at the marked points. Insert the provided wall plugs if necessary.
3. **Secure Track:** Attach the track rail sections to the wall or ceiling using the provided screws. Ensure the track is securely fastened and level. If using multiple track sections, connect them using the track connector.
4. **Connect Power:** Connect the track's power feeder to your electrical wiring. Ensure all connections are secure and comply with local electrical codes.

### 3.2 Installing Spotlights

The spotlights feature a plug-and-play installation system for easy attachment and repositioning.

1. **Insert Spotlight:** Align the spotlight's connector with the track rail. Push the spotlight firmly into the track.
2. **Secure Spotlight:** Rotate the locking mechanism on the spotlight's base to secure it in place. Ensure it clicks or locks to prevent accidental detachment.
3. **Install GU10 Lamps:** Insert GU10 LED lamps (not always included) into the spotlight fixtures by pushing and twisting them into the socket.
4. **Add Anti-Glare Grid (Optional):** If desired, insert the anti-glare grid into the front of the spotlight.

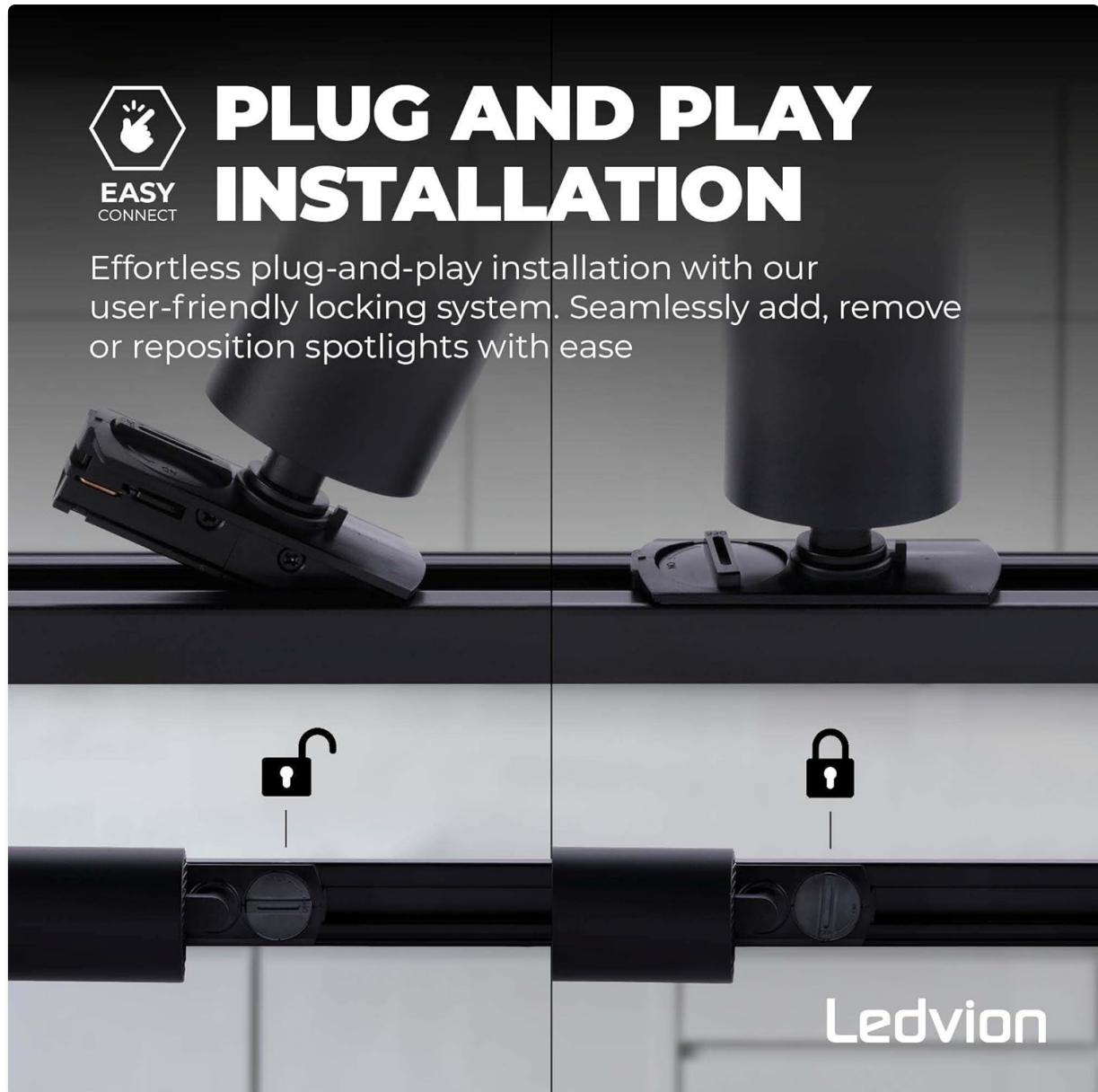


Image 3.1: Plug and Play Installation of the track spotlights.

## 4. OPERATING INSTRUCTIONS

Once installed, the Ledvion track lighting system offers flexible control over your illumination.

### 4.1 Powering On/Off

Turn the track lighting system on or off using your standard wall switch connected to the power supply.

### 4.2 Adjusting Spotlights

Each spotlight can be independently adjusted to direct light precisely where needed.

- **Rotation:** The spotlight can be rotated 350 degrees horizontally along the track.
- **Tilt:** The spotlight head can be tilted up to 90 degrees vertically.



The advertisement features a dark background with a white hexagonal icon containing a circular arrow and the text '350°'. Below this icon, the words 'EASILY ADJUSTABLE' are written in white. To the right, the words 'ADJUSTABLE AND ROTATABLE' are displayed in large, bold, white capital letters. Below this, a paragraph of white text reads: 'The track lighting spotlight can be tilted 350 degrees in all directions, ensuring you always have the perfect light exactly where you need it'. The bottom half of the advertisement shows a photograph of a black track lighting fixture with five spotlights. One spotlight is tilted upwards, with a dashed line and '90°' indicating its tilt. A larger dashed line and '350°' indicate the rotation range. The 'Ledvion' logo is in the bottom right corner of the image.

*Image 4.1: Adjustable and Rotatable features of the spotlights.*

#### **4.3 Dimming (if applicable)**

If you have installed dimmable GU10 LED lamps and connected the system to an external dimmer switch, you can adjust the light intensity. Refer to your dimmer's instructions for specific operation.

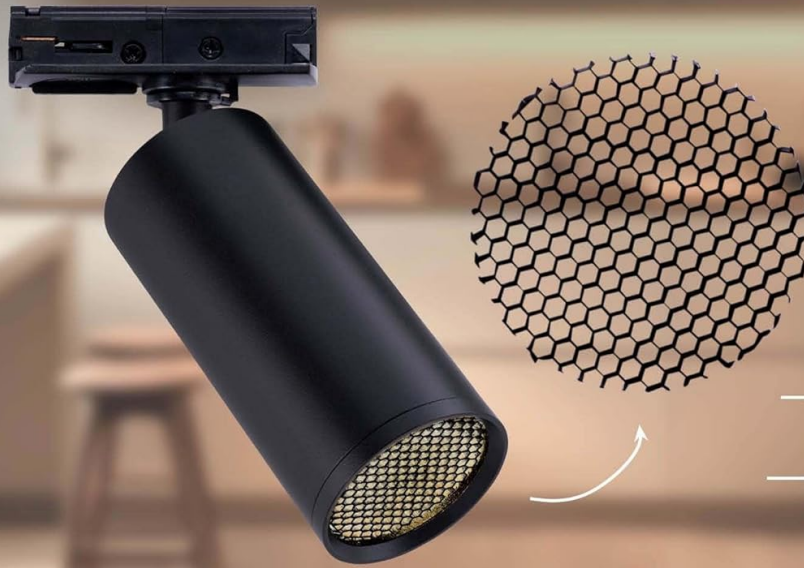
#### **4.4 Anti-Glare Grid (Optional)**

The optional anti-glare grid can be easily added or removed from the front of the spotlight to reduce glare and soften the light output.



# 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

Image 4.2: Optional Anti-Glare Grid.

## 5. MAINTENANCE

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

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe the track and spotlights. Do not use abrasive cleaners or solvents, as these may damage the finish.
- **Lamp Replacement:** Ensure power is off before replacing GU10 lamps. Allow lamps to cool completely. Gently push and twist the old lamp to remove, then insert the new GU10 lamp.
- **Inspection:** Periodically check all connections and mounting points to ensure they remain secure.

## 6. TROUBLESHOOTING

If you encounter issues with your track lighting system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Lights do not turn on.	No power supply; loose connection; faulty lamp; faulty spotlight.	Check circuit breaker. Ensure all wiring connections are secure. Replace the GU10 lamp. Try moving the spotlight to another position on the track or test with a known working spotlight.
Lights flicker.	Loose lamp; unstable power; incompatible dimmer (if applicable).	Ensure lamps are securely seated. Check power supply stability. Verify dimmer compatibility with LED lamps.
Spotlight not securely attached.	Locking mechanism not engaged.	Ensure the spotlight is fully inserted and the locking mechanism is rotated to the locked position.

## 7. SPECIFICATIONS

Technical details for the Ledvion 2M LED Track Lighting System (Model: LVT10001\_2m4s).

Feature	Detail
Brand	Ledvion
Model Number	LVT10001_2m4s
Product Dimensions (L x W x H)	105 x 20 x 10 cm (approx. 2 meters track length)
Item Weight	1.93 Kilograms
Color	Black
Style	Minimalist
Number of Spotlights	4
Bulb Type	LED (GU10 fitting)
Voltage	230 Volts
Switch Style	Dimmer (external dimmer required for dimming function)
Installation Type	Wall Mount, Ceiling Mount
Country of Origin	China



*Image 7.1: Dimensions of the track lighting system and spotlights.*

## **8. OPTIONAL ACCESSORIES**

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The Ledvion track system is expandable with various optional accessories to enhance functionality and design. These include different types of connectors and pendant options.



# OPTIONAL UPGRADES

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



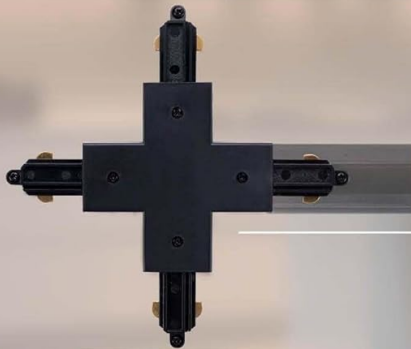
**POWERFEEDER WITH COVERPLATE**

SKU: LVT10019



**POWERFEEDER WITH I-CONNECTOR**

SKU: LVT10021



**X-CONNECTOR**

SKU: LVT10017



**T-CONNECTOR**

SKU: LVT10015



**PENDANT SPOT ADJUSTABLE CORD**

SKU: LVT10005

*Image 8.1: Optional upgrades and accessories for the track system.*

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Ledvion website. Keep your proof of purchase for warranty claims.

**Manufacturer:** Ledvion

**Contact:** Refer to Ledvion's official support channels for assistance.

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This manual is for informational purposes only. Specifications are subject to change without notice.