

## Ledvion LVT10001\_1m2s\_2700K

# Ledvion 1M LED Track Lighting System with 2 Dimmable 2700K Spotlights

Model: LVT10001\_1m2s\_2700K

## INTRODUCTION

This instruction manual provides essential information for the safe and efficient installation, operation, and maintenance of your Ledvion 1M LED Track Lighting System. Please read this manual thoroughly before installation and retain it for future reference.

## SAFETY INFORMATION

- Always disconnect power at the main circuit breaker before installation, maintenance, or lamp replacement.
- Installation should be performed by a qualified electrician or in accordance with local electrical codes.
- Ensure the track system is securely mounted to a suitable surface.
- Do not exceed the maximum wattage or current rating of the track system.
- Avoid direct contact with hot lamps. Allow them to cool before handling.
- This product is designed for indoor use only.

## PRODUCT OVERVIEW

The Ledvion 1M LED Track Lighting System offers a modern and flexible lighting solution for various indoor environments. This single-phase track system includes two adjustable spotlights with GU10 fittings, allowing for customizable illumination.

### Key Features:

- **Modern and Flexible Design:** Provides contemporary and versatile lighting for any room.
- **Customizable Lighting:** Compatible with GU10 lamps, allowing selection of desired light intensity and color temperature.
- **Easy Installation:** Designed for straightforward setup in kitchens, living rooms, offices, or retail spaces.
- **Energy-Efficient and Dimmable:** Supports energy-saving LED lamps and can be adjusted with an external dimmer for optimal ambiance.
- **Versatile Application:** Ideal for homes, offices, and shops, providing tailored lighting where needed.



An overhead view of the Ledvion 1-meter black LED track lighting system, featuring two adjustable spotlights emitting warm white light.

## WHAT'S IN THE BOX

Verify that all components are present and undamaged before beginning installation.

## WHAT'S IN THE BOX

SKU: LVT10001\_1m2s\_2700K



An overhead view of all components included in the Ledvion track lighting package: the 1-meter track, two spotlights, two GU10

bulbs, two anti-glare grids, mounting screws, wall anchors, and a power connector.

- 1x 1-Meter Track Rail (Black)
- 2x Track Spotlights (Black, GU10 fitting)
- 2x GU10 LED Lamps (2700K, 5W)
- 2x Anti-Glare Grids (Optional)
- 1x Power Connector
- Mounting Hardware (Screws and Wall Anchors)

## SETUP AND INSTALLATION

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Follow these steps for proper installation of your Ledvion track lighting system.

1. **Plan Layout:** Determine the desired location for your track rail. Ensure it is within reach of a power source.
2. **Mark Mounting Points:** Hold the track rail against the ceiling or wall and mark the drilling points for the mounting screws.
3. **Drill Holes:** Drill pilot holes at the marked points and insert wall anchors if necessary.
4. **Mount Track Rail:** Securely attach the track rail to the ceiling or wall using the provided screws.
5. **Connect Power:** Install the power connector at one end of the track. Connect the electrical wiring from your power source to the power connector. Ensure all connections are secure and insulated. For more complex setups, optional power feeders and connectors (I-connector, X-connector, T-connector) are available.
6. **Install Spotlights:** Insert the GU10 LED lamps into the spotlights. Then, align the spotlights with the track and use the plug-and-play locking system to secure them. Rotate the locking mechanism to fix the spotlight in place.
7. **Adjust Spotlights:** Once installed, adjust the angle and rotation of each spotlight to direct light as desired.
8. **Restore Power:** Once installation is complete and all connections are secure, restore power at the main circuit breaker.



# PLUG AND PLAY INSTALLATION

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



A visual guide demonstrating the simple plug-and-play installation of the Ledvion track spotlights, showing how they easily lock into the track system.



**EASY**  
CONNECT

# OPTIONAL UPGRADES

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



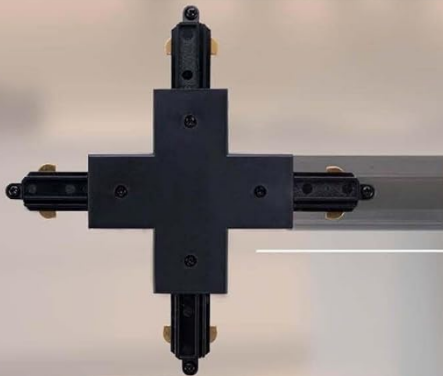
**POWERFEEDER WITH COVERPLATE**

SKU: LVT10019



**POWERFEEDER WITH I-CONNECTOR**

SKU: LVT10021



**X-CONNECTOR**

SKU: LVT10017



**T-CONNECTOR**

SKU: LVT10015



**PENDANT SPOT ADJUSTABLE CORD**

SKU: LVT10005

An illustration showing various optional accessories for the Ledvion track lighting system, including power feeders, X-connector, T-connector, and a pendant spot with adjustable cord, indicating system expandability.

## OPERATING INSTRUCTIONS

### Adjusting Light Direction:

Each spotlight can be independently adjusted to direct light precisely where needed. The spotlights can be tilted up to 350 degrees and rotated 90 degrees along the track.



# 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



An animated graphic illustrating the Ledvion track spotlight's adjustability, showing it can be tilted 350 degrees and rotated 90 degrees to direct light precisely.

## Dimming Functionality:

This track lighting system is compatible with external dimmers. If you have an external dimmer installed, you can adjust the light intensity by operating the dimmer switch. Ensure that the GU10 lamps used are dimmable.

## Optional Anti-Glare Grid:

The included anti-glare grids can be easily added or removed from the spotlights to prevent glare and enhance visual comfort.





OPTIONAL  
GRID

# 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

A Ledvion spotlight shown with an optional anti-glare grid, designed to reduce light glare and improve visual comfort. The grid is easy to add and remove.

## MAINTENANCE

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### Cleaning:

To clean the track and spotlights, ensure the power is off. Use a soft, dry cloth to wipe away dust. For stubborn marks, a slightly damp cloth can be used, followed by immediate drying. Do not use abrasive cleaners or solvents.

### Lamp Replacement:

Before replacing a lamp, turn off the power and allow the lamp to cool completely. Gently twist the GU10 lamp counter-clockwise to remove it. Insert the new GU10 lamp by aligning the pins and twisting clockwise until secure. Ensure the replacement lamp matches the specifications (GU10 base, appropriate wattage, and dimmable if using a dimmer).

## TROUBLESHOOTING

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- **Light Not Turning On:**
  - Check if the power supply is connected and the circuit breaker is on.
  - Ensure the spotlight is correctly inserted and locked into the track.
  - Verify that the GU10 lamp is properly seated and not faulty. Try replacing it with a known working lamp.
- **Flickering Light:**
  - Ensure the GU10 lamp is fully inserted and making good contact.
  - If using a dimmer, ensure it is compatible with LED lamps and that the lamps themselves are dimmable.
  - Check for loose wiring connections.
- **Dimming Issues:**
  - Confirm that both the dimmer switch and the GU10 lamps are designed for dimming.
  - Some dimmers have a minimum load requirement; ensure the total wattage of your lamps meets this.

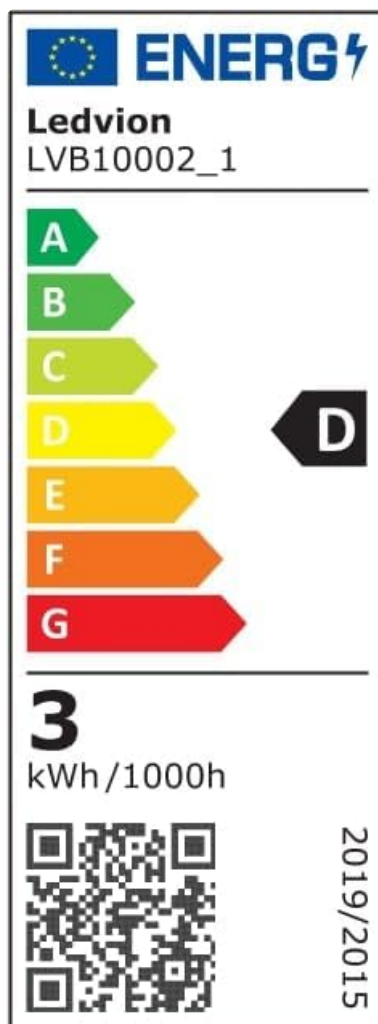
## SPECIFICATIONS

Feature	Specification
Brand	Ledvion
Model Number	LVT10001_1m2s_2700K
Product Dimensions (L x W x H)	105 x 15 x 5 cm
Item Weight	1.08 Kilograms
Material	Aluminum
Number of Bulbs	2
Voltage	230 Volts
Wattage (per bulb)	5 Watts (as per title, 3 Watts in some specs)
Luminous Flux (per bulb)	240 Lumen
Color Temperature	2700 Kelvin (Warm White)
Energy Efficiency Class	D
Installation Type	Track Mounting
Specific Uses	Home, Offices, Shops
Indoor/Outdoor Use	Indoor
Country of Origin	China
EPREL Product Information	<a href="#">View EPREL Database</a>





An image displaying the key dimensions of the Ledvion track lighting system, including the 1000mm track length, 150mm total spotlight height, 115mm spotlight body height, and 50mm spotlight diameter.

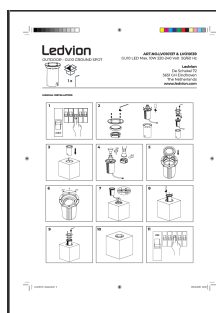


The EU energy label for Ledvion model LVB10002\_1, indicating an energy efficiency class D and 3 kWh/1000h consumption, with a QR code for more information.

## WARRANTY AND SUPPORT

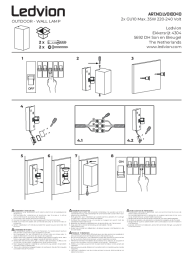
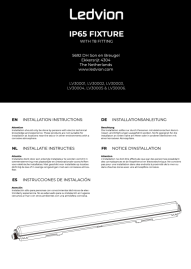
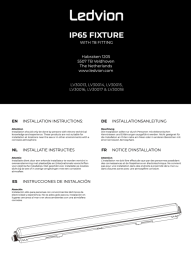

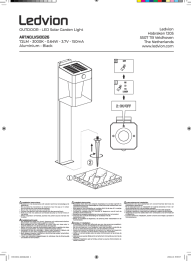
Ledvion products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official Ledvion website. For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact Ledvion customer service through their official channels.

## Related Documents - LVT10001\_1m2s\_2700K



### [Ledvion GU10 Ground Spot Installation Manual](#)

Installation instructions and safety information for the Ledvion GU10 Ground Spot (ART.NO.LVO10137 & LVO10139). Includes details on electrical safety, maintenance, and disposal.

 The image shows the cover of a technical manual for the Ledvion LV010040 Outdoor Wall Lamp. It features a white background with black text and several small diagrams illustrating the installation process. The title 'Ledvion' is at the top left, and 'LV010040' is at the top right.	<p><a href="#">Ledvion LV010040 Outdoor Wall Lamp: Installation Guide &amp; Safety Information</a></p> <p>Comprehensive installation instructions, safety guidelines, and technical specifications for the Ledvion LV010040 outdoor wall lamp. Ensure safe and correct setup for your lighting.</p>
 The image shows the cover of a technical manual for the Ledvion IP65 Fixture with T8 Fitting. It has a black background with white text. The title 'Ledvion' is at the top left, and 'IP65 FIXTURE' is at the top right. Below the title, there is a small image of the fixture.	<p><a href="#">Ledvion IP65 Fixture with T8 Fitting Installation Guide and Technical Data</a></p> <p>Comprehensive installation instructions, technical specifications, safety guidelines, and compliance information for the Ledvion IP65 Fixture with T8 Fitting, covering models LV30001 through LV30006.</p>
 The image shows the cover of a technical manual for the Ledvion IP65 Fixture with T8 Fitting. It has a black background with white text. The title 'Ledvion' is at the top left, and 'IP65 FIXTURE' is at the top right. Below the title, there is a small image of the fixture.	<p><a href="#">Ledvion IP65 Fixture with T8 Fitting: Installation Guide and Technical Specifications</a></p> <p>Detailed installation instructions and technical data for the Ledvion IP65 rated fixture with T8 fitting. Covers model numbers LV30013-LV30018, voltage, frequency, protection, dimensions, and step-by-step mounting procedures. Includes safety warnings and compliance information.</p>
 The image shows the cover of a technical manual for the Ledvion LED Dimmer. It has a black background with white text. The title 'Ledvion' is at the top left, and 'LED DIMMER' is at the top right. Below the title, there is a small image of the dimmer switch.	<p><a href="#">Ledvion LED Dimmer Manual and Technical Data</a></p> <p>Comprehensive manual for the Ledvion LED Dimmer switch (LV10001_1), including installation instructions, wiring diagrams, technical specifications, and safety warnings. Learn how to properly install and use the dimmer for optimal performance with dimmable LED lamps.</p>
 The image shows the cover of a technical manual for the Ledvion LVS10026 Outdoor LED Solar Garden Light. It has a white background with black text and several small diagrams illustrating the installation process. The title 'Ledvion' is at the top left, and 'LVS10026' is at the top right.	<p><a href="#">Ledvion LVS10026 Outdoor LED Solar Garden Light: Installation &amp; Safety Guide</a></p> <p>Comprehensive guide for the Ledvion LVS10026 outdoor LED solar garden light, covering installation, safety precautions, care, and disposal. Features technical specifications and compliance details.</p>