

## Ledvion LVO10097-dim

# Ledvion LED String Lights 16.5M - Instruction Manual

Model: LVO10097-dim

## 1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- **Electrical Safety:** Ensure the power supply voltage matches the product's requirements (230 Volts). Do not overload the circuit. Always unplug the string lights before installation, maintenance, or when replacing bulbs.
- **Outdoor Use:** This product is rated IP44, making it dustproof and splashproof for outdoor use. However, avoid submerging the lights in water. Ensure all connections are secure and protected from direct water exposure.
- **Installation:** Do not install the string lights in a way that could damage the cable or bulbs. Avoid sharp edges or abrasive surfaces. Ensure the lights are securely fastened to prevent falling.
- **Bulb Replacement:** Use only E12 LED bulbs of the specified wattage (0.3W per bulb) and color temperature (2700K). Always replace bulbs with the power disconnected.
- **Connection:** The string lights are connectable up to a total of 1000W. Do not exceed this maximum wattage when connecting multiple sets.

## 2. PRODUCT OVERVIEW

The Ledvion LED String Lights are designed to provide warm, ambient lighting for outdoor and indoor spaces. This non-dimmable model features 30 E12 LED bulbs, offering a warm white light at 2700 Kelvin.

### Components Included:

- 1x Ledvion LED String Lights (16.5 meters with 30 E12 LED bulbs)
- 2x Spare E12 LED bulbs
- 1x 3-meter power cable with plug

### Key Features:

- **Length:** 16.5 meters
- **Bulbs:** 30 E12 LED bulbs (0.3W each)
- **Color Temperature:** 2700K Warm White

- **Power:** 9 Watts total
- **Luminous Flux:** 900 Lumens
- **Protection Rating:** IP44 (Dustproof and Splashproof)
- **Voltage:** 230 Volts
- **Connectable:** Up to 1000W total



Image 1: Ledvion LED String Lights. This image displays the string lights with their bulbs illuminated, and a remote control for illustrative purposes, though this specific model is non-dimmable.



Image 2: Close-up of a single E12 LED bulb. This image shows the clear glass bulb and its base, attached to the black string light cable, against a blurred green background.

### 3. SETUP

Follow these steps for safe and proper installation of your Ledvion LED String Lights.

1. **Unpack:** Carefully remove the string lights and all components from the packaging. Inspect for any damage.
2. **Plan Placement:** Determine the desired location for your string lights. Ensure the 3-meter power cable can reach a suitable electrical outlet without tension.
3. **Mounting:** Securely hang the string lights using appropriate hooks, clips, or ties. Ensure the cable is not stretched or subjected to undue stress. The integrated loops on each bulb socket can be used for hanging.
4. **Bulb Installation (if necessary):** The bulbs are typically pre-installed. If any bulbs need to be installed or replaced, gently screw them into the E12 sockets until snug. Do not overtighten.
5. **Connect to Power:** Once the string lights are securely installed and all bulbs are in place, connect the 3-meter power cable to a standard 230V electrical outlet.
6. **Connecting Multiple Sets (Optional):** If connecting multiple sets, ensure the total wattage does not exceed 1000W. Connect the end of one string to the beginning of the next.

## 4. OPERATING INSTRUCTIONS

This Ledvion LED String Light model is non-dimmable and operates with a simple on/off function.

- **Power On:** Plug the power cable into a 230V electrical outlet. The lights will illuminate immediately.
- **Power Off:** Unplug the power cable from the electrical outlet to turn off the lights.

*Note: This specific model (LVO10097-dim) is non-dimmable. Any remote controls or dimmers shown in product imagery are for other variants and are not compatible with this non-dimmable version.*

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your string lights.

- **Cleaning:** Disconnect from power before cleaning. Wipe the bulbs and cable with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Bulb Replacement:** If a bulb fails, unplug the string lights from the power source. Carefully unscrew the faulty bulb and replace it with one of the provided spare bulbs or a compatible E12 LED bulb (0.3W, 2700K).
- **Storage:** When not in use for extended periods, unplug the lights, clean them, and store them in a cool, dry place, preferably in their original packaging, to prevent tangling and damage.
- **Inspection:** Periodically inspect the cable, plug, and bulb sockets for any signs of wear, damage, or corrosion. If any damage is found, discontinue use and replace the damaged component or the entire string if necessary.

## 6. TROUBLESHOOTING

If you encounter issues with your Ledvion LED String Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on	No power supply Loose bulb Faulty bulb Damaged cable/plug	Check if the plug is securely inserted into a working outlet. Ensure all bulbs are screwed in tightly. Replace any faulty bulbs with a spare. Inspect cable and plug for damage. If damaged, discontinue use.
Some bulbs are not working	Loose bulb Faulty bulb	Tighten loose bulbs. Replace faulty bulbs with a spare.
Lights flicker	Loose connection Unstable power supply	Check all bulb connections and the main power plug. Try plugging into a different outlet.

Problem	Possible Cause	Solution
Water inside bulbs/sockets	Improper installation Extreme weather exposure	Ensure bulbs are tightly screwed in. While IP44 is splashproof, avoid direct, heavy water exposure. Discontinue use if water ingress is significant.

7. SPECIFICATIONS

Detailed technical specifications for the Ledvion LED String Lights (Model LVO10097-dim).

Attribute	Value
Brand	Ledvion
Model Number	LVO10097-dim
Product Dimensions (L x W x H)	27 x 22 x 16 cm
Item Weight	1.21 Kilograms
Number of Bulbs	30
Bulb Type	E12 LED
Power per Bulb	0.3 Watts
Total Power	9 Watts
Luminous Flux	900 Lumens
Color Temperature	2700 Kelvin (Warm White)
Voltage	230 Volts
Plug Type	Electrical
IP Rating	IP44 (Dustproof, Splashproof)
Indoor/Outdoor Use	Outdoor
Connectable	Up to 1000W total
Energy Label	not_rated (as per provided data)

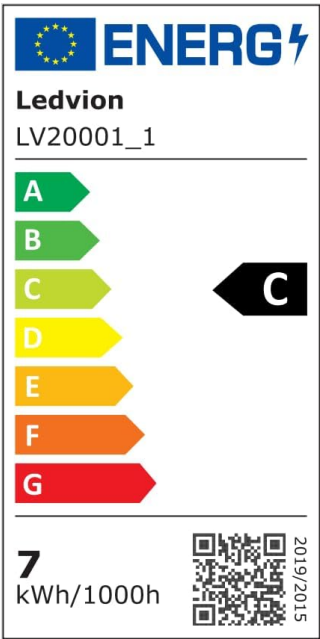


Image 3: Ledvion Energy Label. This label indicates the energy efficiency class of the product. For more details, scan the QR code or visit the [EPREL database](#).



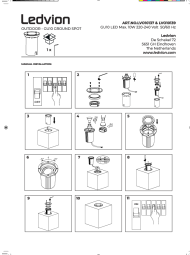
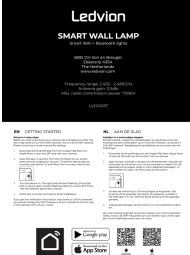
8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Ledvion directly or refer to the retailer's return policy. Specific warranty details are not provided in this manual.

For further assistance, please visit the official Ledvion website or contact their customer service department.

Related Documents - LVO10097-dim

	<p><a href="#">Ledvion LVO10094 Outdoor Wall Light with Sensor - Installation and Safety Guide</a></p> <p>Comprehensive guide for the Ledvion LVO10094 outdoor wall light with sensor, covering installation, safety precautions, care instructions, disposal guidelines, and CE compliance. Features include E27 bulb compatibility, 60W maximum power, 220-240V operation, and a durable stainless steel black finish.</p>
	<p><a href="#">Ledvion PANELS LED Panel Lights: Installation, Specifications, and Safety Guide</a></p> <p>Comprehensive installation guide, technical specifications, and safety information for Ledvion PANELS LED Panel lights (models LV60020, LV60021, LV60022, LV60023). Includes dimensions, power data, and compliance details.</p>

	<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>
	<p><a href="#">Ledvion Outdoor Sockets Installation and User Manual</a></p> <p>This document provides installation, usage, safety, and disposal instructions for Ledvion Outdoor Sockets. It includes detailed steps for mounting, wiring, and operating the product, along with important warnings and maintenance guidelines.</p>
	<p><a href="#">Ledvion GU10 Ground Spot Installation Manual</a></p> <p>Installation instructions and safety information for the Ledvion GU10 Ground Spot (ART.NO.LVO10137 &amp; LVO10139). Includes details on electrical safety, maintenance, and disposal.</p>
	<p><a href="#">Ledvion SMART WALL LAMP LV010037 - Setup, Installation &amp; Safety Guide</a></p> <p>Comprehensive guide for the Ledvion SMART WALL LAMP (LV010037), covering setup, installation, electrical safety, and disposal. Learn how to connect and configure your smart WiFi + Bluetooth wall light.</p>