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› Ledvion Dimmable LED String Lights 19.5m User Manual

Ledvion LVO10097

Ledvion Dimmable LED String Lights 19.5m User Manual

Model: LVO10097 | Brand: Ledvion

INTRODUCTION

Thank you for choosing the Ledvion Dimmable LED String Lights. This product is designed to provide ambient lighting for both indoor and outdoor environments. Please read this manual carefully before installation and use to ensure safe operation and optimal performance.

Product Features

- **Length:** 19.5 meters (including 3-meter connection cable).
- **Bulbs:** 30 E12 LED bulbs, plus 2 spare bulbs included.
- **Dimmable:** Features tactile control for dimming.
- **Waterproof Rating:** IP44, making it dustproof and splash-proof for outdoor use.
- **Color Temperature:** 2100K (soft white light).
- **Extendable:** Connectable up to 1000W total, supporting up to 100 bulbs.
- **Material:** Constructed from high-quality rubber and polyvinyl chloride.

WHAT'S IN THE BOX

Carefully unpack the contents and ensure all items are present and undamaged. If any items are missing or damaged, please contact customer support.

WHAT'S IN THE BOX

SKU: LVO10097



1x LED string light



1x Adapter



2x Spare bulb



1x Manual

Ledvion

Image: The box contents include one LED string light, one adapter, two spare bulbs, and one user manual.

- 1x Ledvion LED String Light (19.5m with 30 bulbs)
- 1x Power Adapter
- 2x Spare E12 LED Bulbs
- 1x User Manual

SAFETY INSTRUCTIONS

Please observe the following safety precautions to prevent injury or damage to the product:

- Ensure the power supply matches the product's voltage (230V).
- Do not connect the string lights to the power supply while still in the packaging.
- Always unplug the string lights from the power outlet before installation, maintenance, or changing bulbs.
- Do not use the product if any part is damaged, especially the cable or bulb sockets.
- Keep out of reach of children.
- The IP44 rating protects against splashes and dust, but the product should not be submerged in water.
- Ensure all connections are secure and properly sealed, especially when used outdoors.

SETUP

Follow these steps for proper installation of your Ledvion LED String Lights:

1. Planning the Installation Area

Determine where you want to hang the string lights. Consider the total length of 19.5 meters, which includes a 3-meter connection cable to the power outlet. Ensure the chosen location allows for safe and stable mounting.

2. Mounting the String Lights

Use appropriate hooks, clips, or ties to secure the string lights. Ensure the bulbs hang freely and are not obstructed. The string lights are designed for both indoor and outdoor use.



Image: Ledvion LED String Lights illuminating an outdoor patio area.

3. Connecting to Power

Once the string lights are securely mounted, connect the 3-meter power cable to a suitable 230V power outlet. Ensure the outlet is protected from moisture if used outdoors.

4. Extending the String Lights (Optional)

This string light system is extendable. You can connect multiple sets using the male and female connectors at the ends of the string. The system supports up to 1000W total, or approximately 100 bulbs, allowing for extensive installations.

EASY CONNECT

LED STRING LIGHT EXTENSIONS

This stringlight is easy to extend using the male and female connectors on the front and back. This 24W adapter is extendable to a maximum of 100 bulbs

EASY TO EXTEND

UP TO 100 BULBS

Ledvion

Image: Illustration of the male and female connectors used to extend the string lights, supporting up to 100 bulbs.

5. Bulb Installation/Replacement

The string lights come with bulbs pre-installed. If you need to replace a bulb, ensure the power is disconnected. Unscrew the old E12 bulb and screw in a new one. Two spare bulbs are provided.



LED STRING LIGHT E12 FITTING

30x E12 lamp holder with G40 bulb, the LED stringlight is 16.5 meters long with a 3 meters connection cord



Image: A close-up view of an E12 LED bulb in its fitting, highlighting the bulb type.

OPERATING INSTRUCTIONS

Powering On/Off

Once connected to a power outlet, the string lights will illuminate. To turn them off, simply unplug the power adapter from the wall socket.

Dimming Function

The Ledvion LED String Lights feature a tactile control method for dimming. Specific instructions for tactile dimming are not provided in the product information, but typically involve touching a designated area on the adapter or a specific bulb to cycle through brightness levels.

MAINTENANCE

Cleaning

To clean the string lights, ensure they are unplugged from the power source. Use a soft, damp cloth to gently wipe the bulbs and cable. Do not use harsh chemicals or abrasive cleaners.

Storage

When not in use for extended periods, unplug the string lights and store them in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the cable is not kinked or tangled.

Weather Resistance

The IP44 rating ensures the string lights are protected against dust ingress and water splashes from any direction. This makes them suitable for year-round outdoor use in various weather conditions, but they are not designed for submersion.



**WATER & DUST
RESISTANT**
IP44
RATING

This dust-free and splash-proof stringlight is suitable for all four seasons. For indoor and outdoor use

 IP44 RATING

 IN- & OUTDOOR USE

Ledvion

Image: The string lights are shown in a rainy environment, emphasizing their IP44 water and dust resistant features for indoor and outdoor use.

TROUBLESHOOTING

If you encounter any issues with your Ledvion LED String Lights, please refer to the following common

problems and solutions:

- **Lights do not turn on:**

- Check if the power adapter is securely plugged into a working electrical outlet.
- Ensure all connections along the string light are tight.
- Inspect the cable for any visible damage.
- Check individual bulbs for damage or loose connections. Replace any faulty bulbs with the provided spares.

- **Some bulbs are not working:**

- Unplug the string lights. Carefully unscrew and re-screw the non-working bulbs to ensure a proper connection.
- If a bulb is still not working, replace it with one of the spare bulbs.

- **Dimming function is not responding:**

- Ensure the string lights are powered on.
- Verify that the tactile control area is clean and unobstructed.
- Try unplugging and re-plugging the unit to reset it.

If the problem persists after attempting these solutions, please contact Ledvion customer support.

SPECIFICATIONS

Feature	Specification
Model Number	LVO10097
Brand	Ledvion
Total Length	19.5 Meters (including 3m connection cable)
Number of Bulbs	30 (plus 2 spare)
Bulb Type	LED, E12 Base
Total Wattage	9 Watts
Voltage	230 Volts
Color Temperature	2100 Kelvin (Soft White)
IP Rating	IP44 (Dustproof, Splash-proof)
Material	Rubber, Polyvinyl Chloride
Power Source	Electric Cable
Control Method	Tactile (Dimmable)
Extendability	Up to 1000W / 100 bulbs
Product Dimensions (L x W x H)	26 x 15 x 14 cm
Item Weight	940 Grams

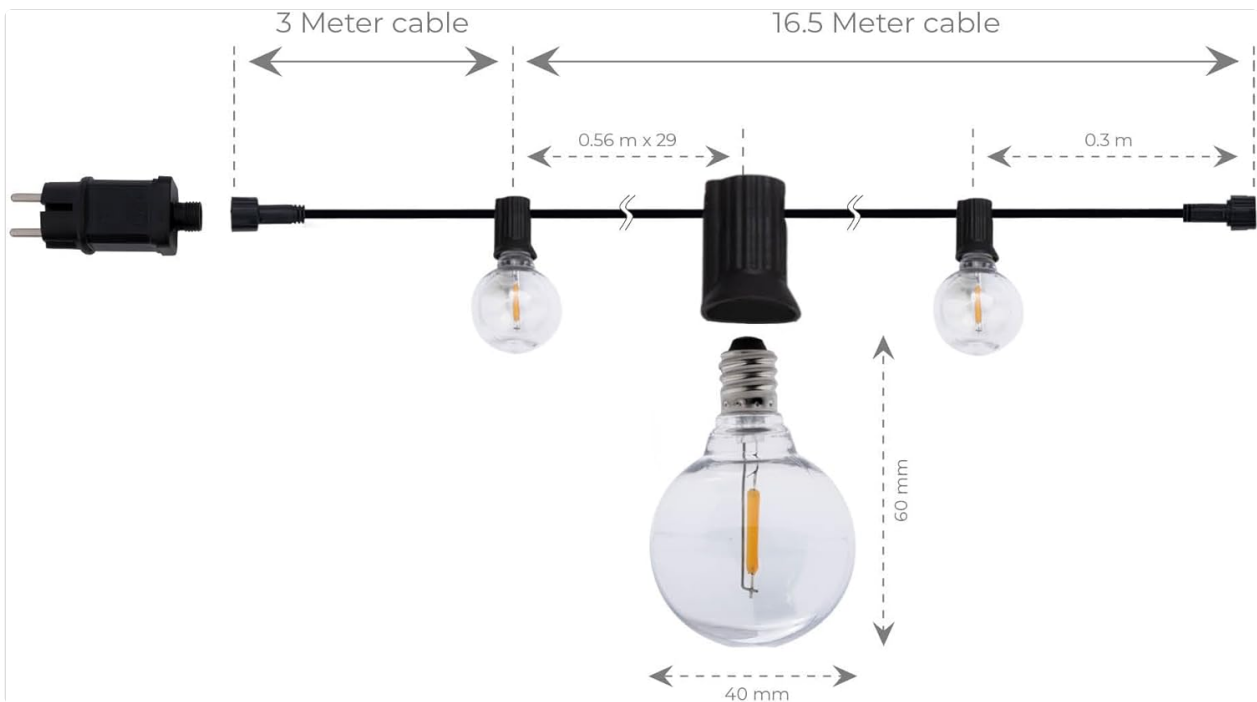


Image: A detailed diagram illustrating the dimensions of the string light components, including cable lengths and bulb size.

Energy Efficiency

This product is designed for energy efficiency. For detailed energy information, please refer to the energy label:

Fiche d'information sur le produit

RÈGLEMENT DÉLÉGUÉ (UE) 2019/2015 DE LA COMMISSION en ce qui concerne l'étiquetage énergétique des sources lumineuses

Nom du fournisseur ou marque commerciale: Ledvion

Adresse du fournisseur: Teqvion B.V., Ekkersrijt 4304, 5692DH Son Son en Breugel NB, NL

Référence du modèle: LV20001_1

Type de source lumineuse:

Technologie d'éclairage utilisée:	LED	Non-dirigée ou dirigée:	NDLS
Type de culot de la source lumineuse (ou d'autre interface électrique)	T8		
Secteur ou non secteur:	MLS	Source lumineuse connectée (SLC):	Non
Source lumineuse réglable en couleur:	Non	Enveloppe:	-
Source lumineuse à luminance élevée:	Non		
Protection anti-éblouissement:	Non	Utilisation avec un variateur:	Non

Paramètres du produit

Paramètre	Valeur	Paramètre	Valeur
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Paramètres généraux du produit:

Consommation d'énergie en mode marche (kWh/1000 h), arrondie à l'entier supérieur le plus proche	7	Classe d'efficacité énergétique	C
Flux lumineux utile (Φ_{use}), avec indication qu'il se réfère au flux dans une sphère (360°), dans un cône large (120°) ou dans un cône étroit (90°)	1 120 sur Sphère (360°)	Température de couleur proximale, arrondie à la centaine de K la plus proche, ou la plage de températures de couleur proximales qui peuvent être réglées	4 000
Puissance en mode «marche» (P_{on}), exprimée en W	7,0	Puissance en mode veille (P_{off}), exprimée en W et arrondie à la deuxième décimale	0,00
Puissance en mode veille (P_{off}), pour SLC, exprimée en W et arrondie à la deuxième décimale	-	Indice de rendu des couleurs, arrondi à l'entier le plus proche, ou la plage	80

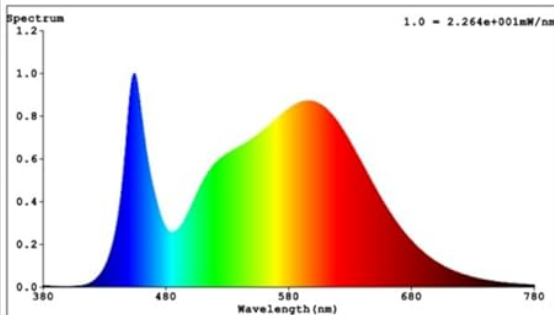
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		de valeurs d'IRC qui peuvent être réglées	
Dimensions extérieures en mm, sans appareillage de commande séparé, éléments de régulation de l'éclairage ni éléments sans fonction d'éclairage (le cas échéant)	Hauteur	28	Distribution de la puissance spectrale dans la plage de 250 nm à 800 nm, à pleine charge
	Largeur	602	
	Profondeur	28	
Déclaration de puissance équivalente ^{a)}		-	Si oui, puissance équivalente (W)
			Coordonnées chromatiques (x et y)
			0,318 0,380
Paramètres pour les sources lumineuses LED et OLED:			
R9 valeur de l'indice de rendu des couleurs	0	Facteur de survie	-
Facteur de conservation du flux lumineux	0,70		
Paramètres pour les sources lumineuses secteur LED et OLED:			
Facteur de déphasage (cos ϕ 1)	0,90	Constance des couleurs dans les ellipses de MacAdam	6
Déclaration qu'une source lumineuse LED remplace une source lumineuse fluorescente sans ballast intégré d'une puissance en watts particulière	- ^{b)}	Si oui, déclaration relative au remplacement (W)	-
Mesure du papillotement (Pst LM)	0,1	Mesure de l'effet stroboscopique (SVM)	-

a): sans objet;

b): sans objet;

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Image: The energy label for the Ledvion LED String Lights, showing its energy class and consumption.

For more information, visit the EPREL database: <https://eprel.ec.europa.eu/qr/1392592>

WARRANTY AND SUPPORT

Warranty Information

Ledvion products are manufactured to high-quality standards. Specific warranty details may vary by region. Please retain your proof of purchase for any warranty claims.

Customer Support

If you have any questions, require technical assistance, or need to report a problem with your Ledvion LED String Lights, please contact Ledvion customer support through their official website or the retailer where you purchased the product.