


Ledvion LVO10096 Light String



Ledvion LVO10096 Light String User Manual

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Ledvion

Ledvion LVO10096 Light String



Product Specifications:

- **Models:** LVO10096, LVO10097, LVO10098, LVO10099
- **Voltage:** 12V
- **Wattage:** LVO10096 – 12W, LVO10097/LVO10098/LVO10099 – 24W
- **Lumen per Bulb:** 30LM
- **Total Length:** LVO10096 – 8.5M, LVO10097 – 19.5M, LVO10098 – 30M, LVO10099 – 45M
- **Bulb Type + Fitting:** G40 – E12
- **Bulb Quantity:** LVO10096 – 10 + 2, LVO10097 – 30 + 2, LVO10098 – 50 + 2, LVO10099 – 75 + 2
- **Color Temperature:** 2700K
- **IP-Rating:** IP44
- **Linkable:** Yes (LVO10096 and LVO10097 can be connected to a max. of 100 bulbs)

Product Usage Instructions

1. Installation:

- Ensure the power supply is turned off before installation.
- Connect the bulbs to the appropriate fittings (G40 – E12) securely.
- Link additional sets (LVO10096/LVO10097) if needed within the specified limit.
- Hang or place the lights in the desired location, ensuring they are protected from water exposure.

2. Maintenance:

- Regularly check for any burnt-out bulbs and replace them promptly.
- If the lights are not functioning, troubleshoot by checking the power supply, switches, and wiring connections.
- Clean the bulbs and fittings gently to remove any dirt or debris that may affect performance.

3. Storage:

- When not in use, store the lights in a dry and cool place to prolong their lifespan.
- Avoid bending or damaging the wires during storage to prevent connectivity issues.

Frequently Asked Questions (FAQ):

Q: What should I do if a bulb is burned out?

A: Replace the light bulb with a new one of the same type and rating to ensure proper functionality.

Q: How many bulbs can I connect in total?

A: You can connect up to a maximum of 100 bulbs when using models LVO10096 and LVO10097 together.

Q: What should I do if the lights are not turning on?

A: Check the power supply, switches, and wiring connections to identify any faults. Ensure everything is securely connected and powered.

STRING LIGHTS

2 YEARS OF WARRANTY

Habraken 1205

5507 TB Veldhoven

The Netherlands

www.ledvion.com

LVO10096, LVO10097, LVO10098 & LVO10099

SAFETY INSTRUCTIONS IMPORTANT

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

When using electrical products, basic precautions should always be followed including the following:

WARNING: RISK OF ELECTRIC SHOCK

- When products are used in outdoor applications connect this product to a ground fault circuit interrupter (GFCI) outlet. If one is not provided, contact a certified electrician for proper installation.
- Do not use with extension cord near water or where water may accumulate.
Keep lamps at least 16 ft. (4.88 m) from pools and spas.
- This product has a polarized plug (one blade is wider than the other) as a feature to reduce the risk of electric shock. This plug will fit in a polarized outlet only one way. If the plug does not fit squarely in the outlet, reverse the plug. If it still does not fit, consult a certified electrician. Do not use with an extension cord unless the plug can be fully inserted.
Do not alter or replace the plug.
- Disconnect power at the source prior to wiring, re-lamping, or servicing in any way.
- Do not secure the wiring of the product with staples or nails, or place on sharp hooks or nails,
- Do not mount or place near gas or electric heaters, fireplace, candles, or sharp hooks or nails, other similar sources of heat.

WARNING: RISK OF FIRE

- Do not replace the attachment plug. It contains a safety device (fuse) that should not be removed. Discard product if the attachment plug is damaged.
- Do not let bulbs rest on the supply cord or on any wire.
- Do not use this product for other than its intended use.
- Do not hang ornaments or other objects from the cord, wire, or bulbs.
- Do not close doors or windows on the product or extension cords as this may damage the wire insulation.
- Do not cover the product with cloth, paper, or any material not part of the product when in use.

CAUTION:

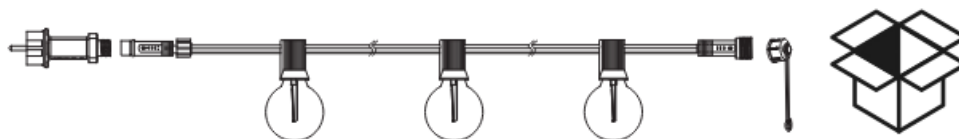
- When multiple products are connected do not exceed 12 or 24 watt.
- Do not overload. Connect other string lights end-to-end up to a maximum of 12 or 24 watts depending on the string light.
- To avoid risk of shock, always make sure the product is unplugged from the electrical outlet before assembling, disassembling, installing, relocating, servicing, or cleaning it.
- When connecting multiple sets protect connection(s) from direct exposure to rain and water. Do not allow connection(s) to become wet.
- Inspect the wire insulation for any cuts, abrasions, or exposed copper that may have occurred during shipping. If there is a defect in the wire, do not attempt installation.

TECHNICAL DATA

Model	Voltage	Lumen per Bulb	Total Length	Bulb Type + Fitting	Bulb Quantity	Color Temperature	IP- Rating	Linkable
LVO10096	12V 12W	30LM	8.5M	G40 – E12	10 + 2	2700K	IP44	Yes
LVO10097	12V 24W	30LM	19.5M	G40 – E12	30 + 2	2700K	IP44	Yes
LVO10098	12V 24W	30LM	30M	G40 – E12	50 + 2	2700K	IP44	*Yes
LVO10099	12V 24W	30LM	45M	G40 – E12	75 + 2	2700K	IP44	*Yes

Connectable with LVO10096 and LVO10097 to a max. of 100 bulbs

STRING LIGHTS



INCLUDED:

12 – 32 – 52 or 77 x

TROUBLESHOOTING

The lights will not turn on:

Possible Causes	Solution
The bulb is burned out	Replace the light bulb
The power is off	Ensure the power supply is turned on
There is a faulty switch	Test or replace the switch
There is a faulty wire connection	Check the wiring

The fuse blows, or the circuit breaker trips, when the light is turned on:

Possible Causes	Solution
There are crossed wires, or the power wire is grounding out	Discontinue use of the light string. Contact a certified electrician
The receptacle circuit is overloaded	Connect to a different receptacle circuit

Notes on Disposal

The product is designated for separate collection at an appropriate collection point.

Do not dispose of the product with household waste. For more information, contact the retailer or the local authority responsible for waste management.

Care

Before cleaning the unit, disconnect it, if necessary from other components; do not use aggressive cleaning agents. The unit has been carefully checked for defects. If nevertheless you do have cause for complaint, please go back to the retailer where you have bought the product together with your proof of purchase. We are not liable for damage arising from incorrect handling, improper use or wear or tear. We reserve the right to make technical modifications.

General Safety

- Read the manual carefully before use. Keep this manual for future reference.
- Only use the product for its intended purposes. Do not use the product for other purposes than described in the manual.
- Do not use this product if any part is damaged or defective. If the product is damaged or defective, replace the product immediately.
- This product shall not be used by children without the supervision of an adult.
Children shall not play with the device.
- Do not modify the product in any way.
- Do not expose the product to water or moisture. (IP 20)
- Do not immerge the product into water. (IP 44 – IP 67).
- Keep the product away from heat sources.
Do not block the ventilation openings.
- Do not look directly into the LED lamp.
- Keep a minimum distance of 1 meter between the lamp and the surface being illuminated.

Electrical safety

- To reduce risk of electric shock, this product should only be opened by an authorized technician when service is required.
- Do not use the product if the cable or plug is damaged or defective. When damaged or defective, it must be replaced by the manufacturer or an authorised repair agent.
- Before use, always make sure that the voltage is the same as the voltage on the rating plate of the device.
- Make sure that the cable does not hang over the edge of a worktop and cannot be caught accidentally or tripped over.

Warning

- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- Caution, risk of electric shock.
- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire has to be destroyed.

Disclaimer

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Please visit us online on our website: www.ledvion.com
For more information about our company and our products.

Documentation

The product has been manufactured and supplied in compliance with all relevant regulations and directives, valid for all member states of the European Union. The product complies with all applicable specifications and regulations in the country of sales.

Formal documentation is available upon request. The formal documentation includes, but is not limited to the Declaration of Conformity, the Material Safety Data Sheet and the product test report.

CE declaration

This product complies with the following directives:

EMCO 2014/30/EU

LVD: 2014/35/EU


ROHS: 2011/65/EU

ERP: (EU)2019/2020, (EU)2019/2015

The complete Declaration of Conformity Document (DOC) can be found on our website.

www.ledvion.com

Documents / Resources



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References

- [User Manual](#)

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