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› **Ledvion Single-Phase Track Power Connector (Black) - Instruction Manual for Model LVT10019**

## Ledvion Single-Phase Track Power Connector (Black)

Model: LVT10019

Brand: Ledvion

This manual provides comprehensive instructions for the safe and efficient installation, operation, and maintenance of your Ledvion Single-Phase Track Power Connector. This connector is designed to seamlessly integrate with a single-phase track system, ensuring reliable power transfer to your lighting fixtures.

- 1x Ledvion Single-Phase Track Power Connector (Black)



Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Always turn off the main power supply** at the circuit breaker before installing, servicing, or cleaning the product.
- Installation should be performed by a qualified electrician or a person with sufficient knowledge of electrical systems.
- Ensure the product is compatible with your existing track system and power supply (230 Volts).
- Do not modify the product in any way.
- Keep the product away from water and moisture.
- This product is designed for indoor use only.

## SETUP AND INSTALLATION

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Follow these steps to properly install your Ledvion Single-Phase Track Power Connector:

1. **Turn off Power:** Locate the circuit breaker controlling the track lighting circuit and switch it off. Verify that the power is off using a voltage tester.
2. **Prepare the Track:** Ensure the end of the single-phase track where the connector will be installed is clean and free from obstructions.
3. **Insert the Connector:** Align the connector with the track. The connector is designed for seamless integration. Push the connector firmly into the track end until it clicks into place.

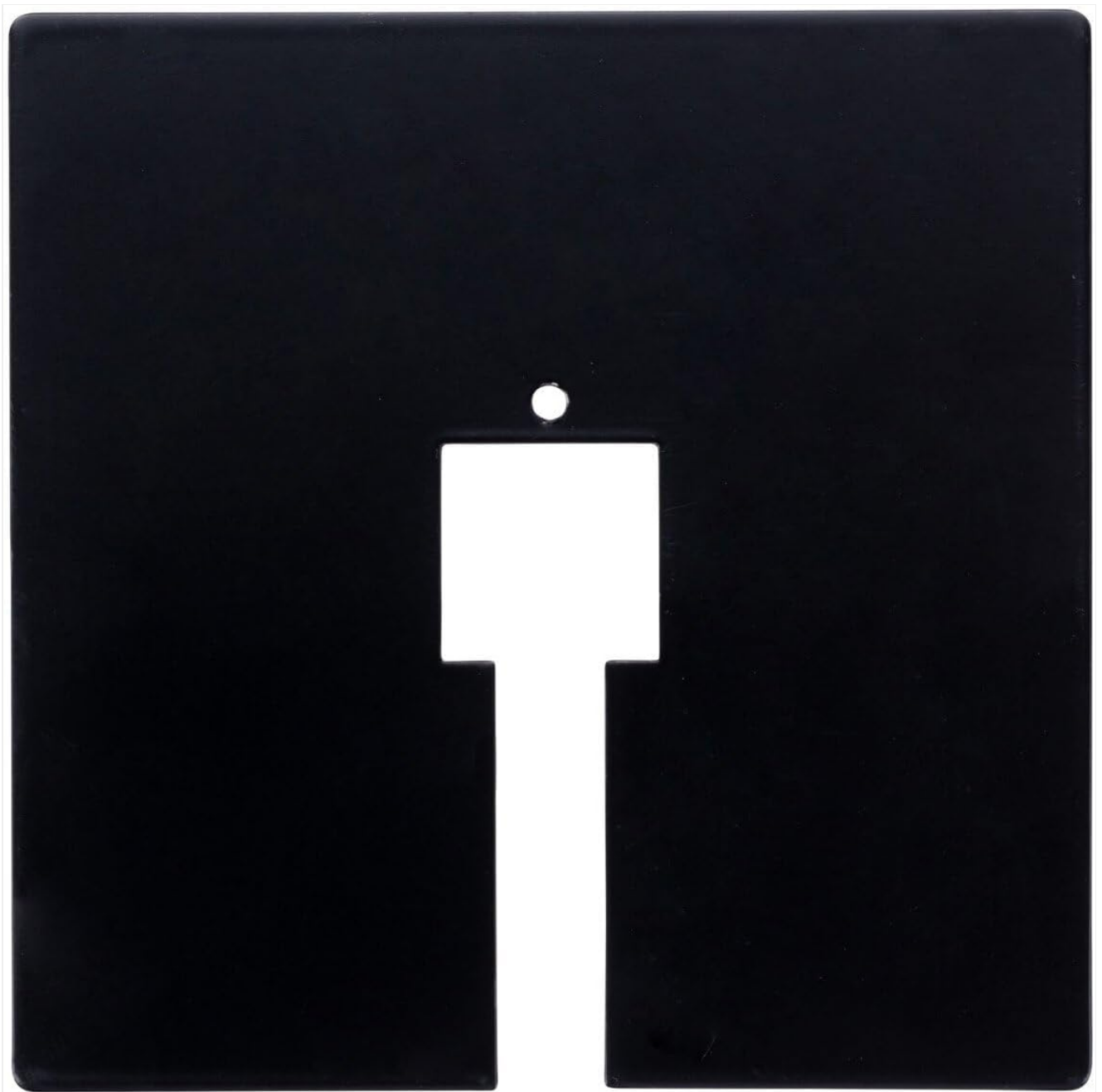


Image: Front view of the Ledvion Single-Phase Track Power Connector, showing the contact points for the track.



Image: Back view of the Ledvion Single-Phase Track Power Connector, illustrating the locking mechanism for secure attachment to the track.

4. **Secure the Connection:** Some connectors may have a locking mechanism or screws to further secure them to the track. Ensure any such mechanisms are engaged or tightened according to the track system's requirements.
5. **Connect Power Supply:** Connect the main power supply wires to the designated terminals on the connector, following local

electrical codes and wiring diagrams. Ensure all connections are tight and secure.

6. **Test:** Once installation is complete, restore power at the circuit breaker and test the track lighting system to ensure proper functionality.

## OPERATING INSTRUCTIONS

The Ledvion Single-Phase Track Power Connector serves as the essential link to supply electrical power to your track lighting system. Once correctly installed, it provides a continuous and stable power source for all compatible track light fixtures.

- **Power Supply:** The connector is designed to operate with a 230 Volt electrical supply.
- **Fixture Compatibility:** This connector is compatible with single-phase track lighting fixtures, including those with GU10 bases.
- **Dimming Functionality:** If your track lighting fixtures and bulbs are dimmable, and an external dimmer is installed in your electrical system, the lighting intensity can be adjusted accordingly.

## MAINTENANCE

To ensure the longevity and optimal performance of your track power connector, follow these simple maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe the surface of the connector. Do not use abrasive cleaners, solvents, or liquids that could damage the finish or electrical components.
- **Inspection:** Periodically inspect the connector for any signs of damage, loose connections, or wear. If any issues are observed, turn off the power immediately and consult a qualified electrician.
- **Environmental Conditions:** Ensure the connector is used in a dry environment, free from excessive dust or humidity.

## TROUBLESHOOTING

If you encounter issues with your Ledvion Single-Phase Track Power Connector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to track lights	<ul style="list-style-type: none"><li>◦ Main power supply is off.</li><li>◦ Loose connection at the connector or track.</li><li>◦ Faulty wiring.</li><li>◦ Circuit breaker tripped.</li></ul>	<ul style="list-style-type: none"><li>◦ Check the main power supply and circuit breaker.</li><li>◦ Turn off power, then inspect and re-secure all connections.</li><li>◦ Consult a qualified electrician to check wiring.</li><li>◦ Reset the circuit breaker.</li></ul>
Lights flicker or dim inconsistently	<ul style="list-style-type: none"><li>◦ Loose connection.</li><li>◦ Incompatible dimmer switch.</li><li>◦ Faulty light fixture or bulb.</li></ul>	<ul style="list-style-type: none"><li>◦ Turn off power, then inspect and re-secure all connections.</li><li>◦ Ensure dimmer is compatible with LED lights (if applicable).</li><li>◦ Test with a known working light fixture or bulb.</li></ul>

If the problem persists after attempting these solutions, please contact Ledvion customer support or a qualified electrician.

## SPECIFICATIONS

Brand	Ledvion
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Model Number	LVT10019
Product Dimensions (L x W x H)	18 x 12 x 1 cm
Item Weight	200 grams
Color	Black
Voltage	230 Volts
Plug Type	Electrical
Batteries Required?	No
Included Components	Ledvion Single-Phase Track Power Connector (Black)

## WARRANTY AND SUPPORT

For warranty information, technical support, or inquiries regarding spare parts, please contact Ledvion customer service directly. Information regarding specific warranty periods or spare part availability is not provided in this document. Please refer to the official Ledvion website or your purchase documentation for the most up-to-date support contact details.

