LZHOME NON

LZHOME LED Hexagon Garage Light System User Manual

Model: 14 Hex with Rectangle Frame
Brand: LZHOME

1. Introduction

The LZHOME LED Hexagon Garage Light System is designed to provide super bright, energy-efficient illumination for various spaces including garages, workshops, basements, and commercial detailing shops. Featuring a unique hexagonal design and advanced LED technology, this lighting system enhances visibility and aesthetics.

Key features include an updated luminous surface for softer light, a special safety design with deeply embedded 3-pin connectors to prevent electric shock, and a robust construction for durability. With a total output of 900W and 108,000 lumens, it ensures ample brightness for demanding environments.



Figure 1.1: LZHOME LED Hexagon Garage Light System in a typical installation.

2. Safety Information

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

- Ensure power is disconnected at the circuit breaker before installation or maintenance.
- This product is designed for **indoor use only**. Do not expose to water or high humidity.
- The connecting pins are deeply embedded (3-pin design) to minimize the risk of electric shock during handling. However, always exercise caution.
- Installation should be performed by a qualified electrician if you are unsure about electrical wiring.
- Do not attempt to modify or disassemble the light tubes or connectors.
- Keep packaging materials away from children.



Figure 2.1: The LZHOME 3-pin connector design ensures enhanced safety by deeply embedding the connecting pins, reducing the risk of accidental contact compared to typical 2-pin designs.

3. Package Contents

Verify all components are present and undamaged before beginning installation:

- 58 pcs Short LED Tubes
- 12 pcs Long LED Tubes
- 17 pcs V Connectors
- 28 pcs Y Connectors
- 2 pcs 5ft long power cables with US plug
- 2 pcs power cables for hard wired installation
- Screws and Zip Ties

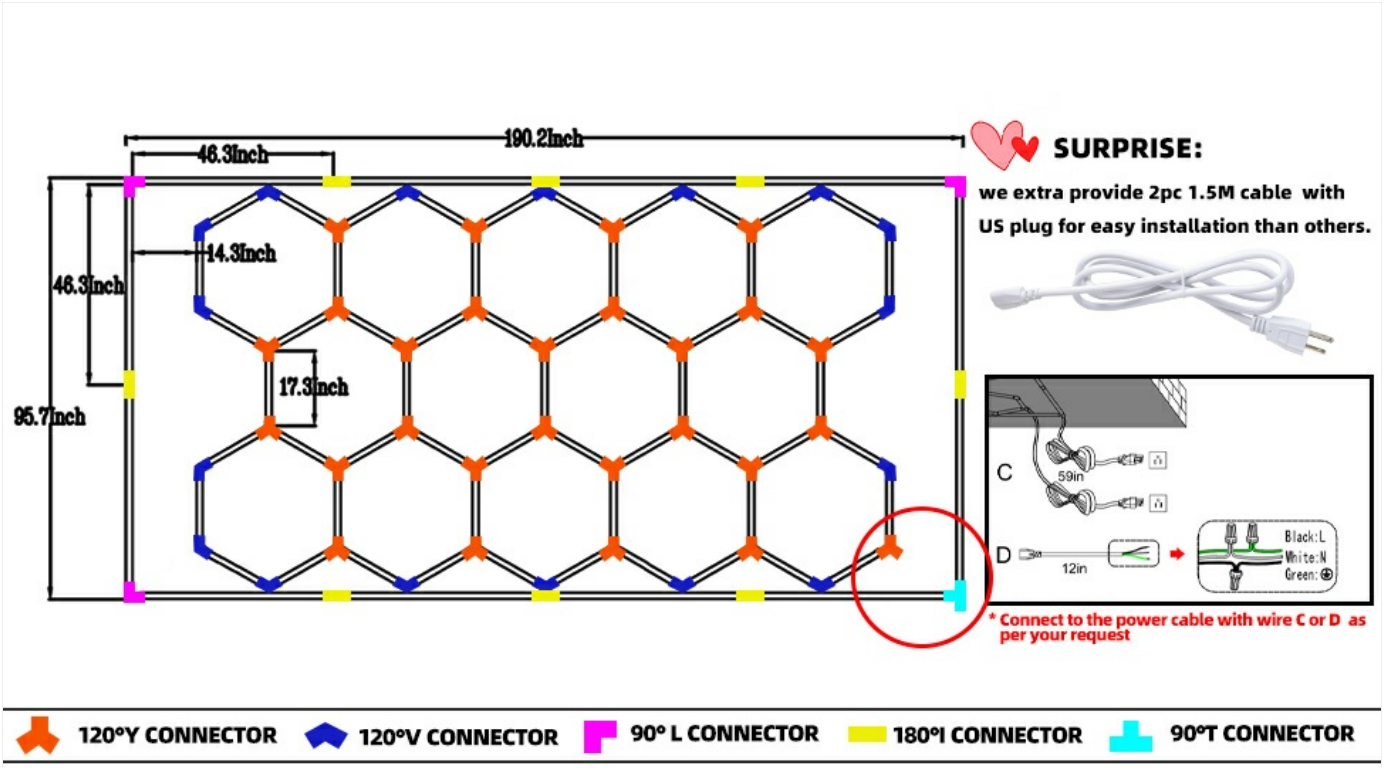


Figure 3.1: Component diagram illustrating the various connectors and tubes included in the package, along with power cable options.

4. Setup and Installation

The LZHOME Hexagon Garage Light System offers flexible installation options to suit different needs. Please ensure all connections are tight and secure.

4.1 Assembly Steps:

1. Plan your desired hexagonal layout on the ceiling or wall. Consider the dimensions of your space (Product Dimensions: 190.2"L x 95.7"W x 1.4"H).
2. Connect the LED tubes using the appropriate V and Y connectors to form the hexagonal patterns. Ensure each connection is firmly inserted until it clicks into place.
3. For ceiling mounting, you can choose between installing with screws or zip ties.
    - **Screw Installation:** Secure the connectors to the ceiling using the provided screws.
    - **Zip Tie Installation:** Use the provided zip ties to secure the structure to a grid or existing framework.
4. Connect the power cable to the assembled lighting structure. Two types of power cables are provided: a 5ft long power cable with a US plug for standard outlets, and a power cable for hardwired installations. Choose the appropriate method for your setup.
5. Once the structure is fully assembled and securely mounted, connect it to the power source.



Figure 4.1: Installation methods: Securely mount the system using either screws or zip ties, depending on your ceiling type and preference.

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Video 4.1: Official LZHOME DIY Super Bright Hexagon Garage Lights installation guide. This video demonstrates the assembly process of the hexagonal lighting system.

5. Operating Instructions

The LZHOME LED Hexagon Garage Light System is designed for straightforward operation.

5.1 Power On/Off:

- If connected via the US plug power cable, simply plug it into a standard wall outlet. The lights will illuminate.
- If hardwired, operate the lights using the wall switch connected to the circuit.

5.2 Control Method:

The primary control method is a **Push Button** switch, typically integrated into the power cable or wall switch for hardwired setups. There is no remote control functionality for this model.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your LZHOME LED Hexagon Garage Light System.

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe down the light tubes and connectors. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check all connections to ensure they remain tight and secure.
- **Storage:** If storing the lights for an extended period, disassemble them carefully and store in a dry, cool place away from direct sunlight.

7. Troubleshooting

If you encounter issues with your lighting system, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Lights do not turn on.	No power supply; Loose connection; Faulty power cable.	Check if the power cable is securely plugged in or if the circuit breaker is tripped. Ensure all tube connections are firm. Try a different power outlet.
Some sections of the lights are off.	Loose connection between tubes/connectors; Damaged tube.	Inspect all connections in the affected section and re-secure them. If a tube is damaged, contact customer support for replacement.
Lights are flickering.	Unstable power supply; Loose connection.	Ensure stable power supply. Check and tighten all connections.

If the issue persists after trying these steps, please contact LZHOME customer support.

8. Specifications

Feature	Detail
Brand	LZHOME
Model Name	hexagon garage light
Style	14 Hex with Rectangle Frame
Wattage	900 watts
Brightness	108000 Lumen
Efficiency	120 lumens per watt
Color Temperature	5000 Kelvin (White Light)
Product Dimensions	190.2"L x 95.7"W x 1.4"H
Material	Polycarbonate
Voltage	110 Volts
Installation Type	Flush Mount / Ceiling Mount
Indoor/Outdoor Usage	Indoor

Feature	Detail
Average Life	60,000 Hours
Control Method	Push Button
Number of Light Sources	69

9. Warranty and Support

LZHOME stands behind the quality of its products.

- **Warranty:** This product comes with a **2-year damage replacement service**.
- **Customer Support:** If you have any issues, questions, or require assistance with your LZHOME LED Hexagon Garage Light System, please contact LZHOME customer service. They offer a **24-hour quick response** to inquiries.
- For more information, visit the official LZHOME Store on Amazon.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question