

LIGHTAILING 10274

LIGHTAILING LED Light Kit for LEGO 10274 ECTO-1 Model

Instruction Manual

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your LIGHTAILING LED Light Kit for the LEGO 10274 ECTO-1 model. Please read all instructions carefully before beginning the installation process to ensure proper setup and to maximize your enjoyment of the product. This kit is designed to enhance your LEGO model with dynamic lighting effects.

SAFETY INFORMATION

- **Small Parts Warning:** This kit contains small parts and is not suitable for children under 3 years old due to choking hazards.
- **Power Source:** Use only the recommended power source (3 AA batteries, not included) or a compatible USB power bank/adaptor (5V). Do not exceed the specified voltage.
- **Wiring:** Handle wires carefully. Avoid excessive pulling, bending, or pinching, which can damage the wires and LEDs.
- **Installation Environment:** Perform installation in a well-lit, clean, and stable environment.
- **Disassembly:** If disassembly of your LEGO model is required, do so gently to avoid damaging the bricks or the light kit components.

PACKAGE CONTENTS

Verify that all components listed below are present in your LIGHTAILING LED Light Kit package:

- LED Light Strips and Individual LEDs
- Connecting Cables
- Expansion Boards
- Battery Box (requires 3 AA batteries, not included)
- USB Power Cable

- Adhesive Squares/Mounting Brackets
- Instruction Manual (Paper Version)



Image: The LIGHTAILING LED Light Kit packaging, showing the LED light kit, battery box, and installation guide.

SETUP AND INSTALLATION

The LIGHTAILING LED Light Kit is designed for easy installation with pre-measured wiring and specific layouts for the LEGO 10274 ECTO-1 model. Follow these steps for a smooth installation:

1. **Preparation:** Ensure your LEGO 10274 ECTO-1 model is fully assembled. If not, complete the LEGO build first. Gather all light kit components and tools (e.g., tweezers for small parts).
2. **Access Online Instructions:** For detailed, step-by-step video guidance, scan the QR code provided in your paper instruction manual or visit the official LIGHTAILING website.
3. **Identify Light Placement:** Refer to the instructions to identify where each LED and light strip should be placed on your ECTO-1 model. The kit is designed for hidden wiring to maintain the model's aesthetic.

4. **Connect LEDs:** Carefully attach the LEDs to the designated points on your LEGO model. Use adhesive squares or brackets where necessary to secure them.
5. **Route Wires:** Route the connecting wires along the existing LEGO brick lines and gaps to conceal them. The pre-measured spacing helps in achieving a clean, hidden wiring setup.
6. **Connect to Expansion Boards:** Connect the individual LED wires to the expansion boards. Ensure correct polarity if applicable (refer to specific instructions).
7. **Connect to Power Source:** Connect the expansion boards to the battery box or USB power cable. Insert 3 AA batteries into the battery box if using battery power.
8. **Test Lights:** Before fully reassembling any disassembled LEGO sections, test the lights to ensure all connections are secure and all LEDs are functioning correctly.
9. **Final Assembly:** Carefully reassemble any LEGO parts that were removed during installation, ensuring no wires are pinched or damaged.



Image: The LEGO 10274 ECTO-1 model with the LIGHTAILING LED light kit fully installed and illuminated, showcasing the front lights.

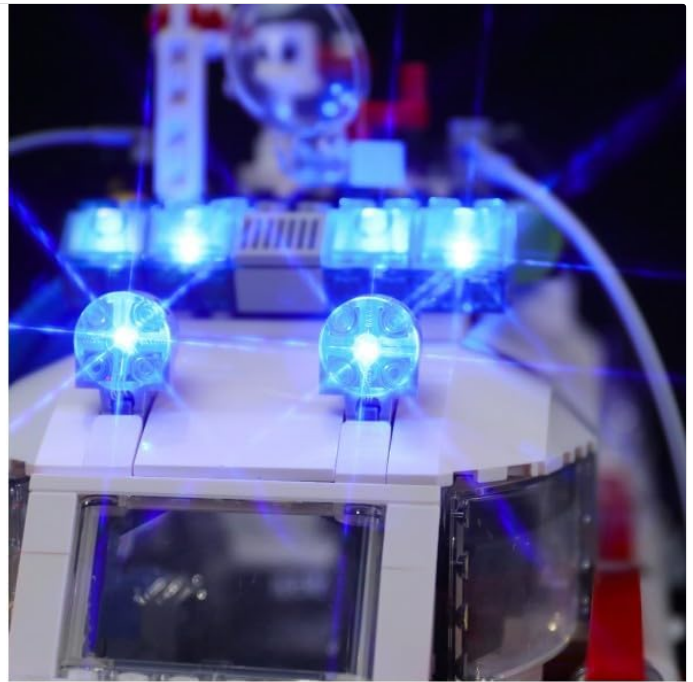
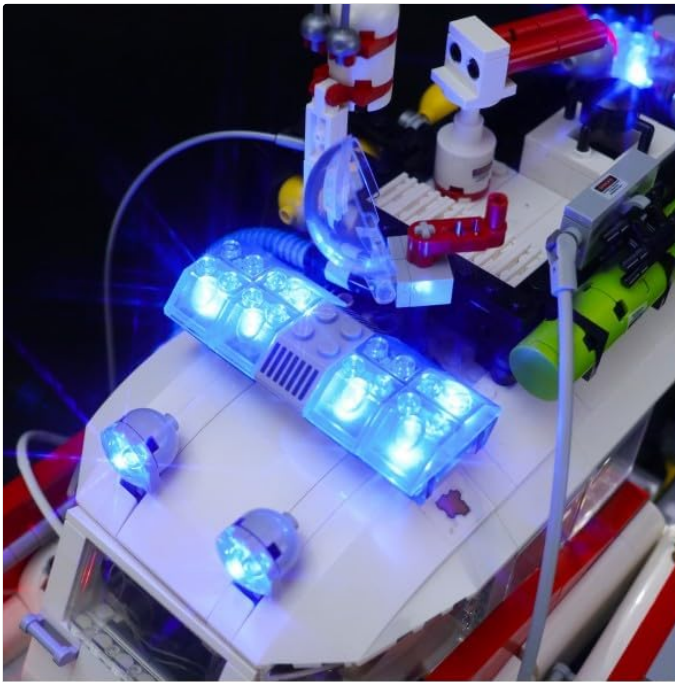


Image: Detailed close-up shots of the installed LIGHTAILING LED lights on various parts of the LEGO ECTO-1 model, including the roof lights, headlights, and taillights.

Installation Video Guide

Your browser does not support the video tag.

Video: Official LIGHTAILING installation guide for the LED light set on the Ghostbusters ECTO-1 model. This video demonstrates the step-by-step process of adding lights to your LEGO set.

OPERATING INSTRUCTIONS

Once the light kit is fully installed and connected to a power source:

- **Power On:** If using the battery box, slide the switch to the 'ON' position. If using a USB power cable, connect it to a compatible 5V USB power source.
- **Power Off:** Slide the switch on the battery box to the 'OFF' position or disconnect the USB power cable.
- **Enjoy:** Observe your illuminated LEGO ECTO-1 model.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to gently wipe dust from the LEDs and wires. Avoid using liquids or abrasive cleaners.
- **Battery Replacement:** If the lights dim or stop working, replace the 3 AA batteries in the battery box. Ensure correct polarity when inserting new batteries.
- **Storage:** If storing the model for an extended period, disconnect the power source (remove batteries or unplug USB) to prevent battery leakage or unnecessary power drain.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, dead batteries.	Check battery box switch/USB connection. Replace batteries. Ensure all wires are securely connected to LEDs and expansion boards.
Some lights are dim or flickering.	Low battery power, loose connection, damaged wire.	Replace batteries. Check connections. Inspect wires for damage; if damaged, contact support.
Lights are not evenly distributed.	Incorrect placement of LEDs or wires.	Refer to the installation guide/video to verify correct LED placement and wire routing. Adjust as needed.
Wires are visible.	Improper wire routing.	Gently re-route wires to be concealed within the LEGO model's structure, utilizing gaps and brick lines.

SPECIFICATIONS

- **Model Number:** 10274 (Compatible with LEGO 10274 ECTO-1)
- **Light Source Type:** Light Emitting Diode (LED)
- **Power Source:** Battery Powered (3 AA batteries, not included) or 5V USB
- **Voltage:** 5 Volts
- **Maximum Compatible Light Source Wattage:** 2.5 Watts
- **Material:** Plastic
- **Item Weight:** 160 Grams
- **Special Features:** Low energy consumption, long lifespan, bright illumination, hidden wiring design.

WARRANTY AND SUPPORT

LIGHTAILING is committed to providing an easy and enjoyable installation process. If you encounter any issues or have questions regarding your LED light kit, please do not hesitate to contact our customer support team. We offer dependable support to ensure your satisfaction.

For assistance, please visit the LIGHTAILING official website or contact us through the platform where you purchased the product.

product.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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