

LIGHTAILING 21335

LIGHTAILING LED Lighting Kit for Lego 21335 Motorized Lighthouse Instruction Manual

This manual provides detailed instructions for the installation and use of your LIGHTAILING LED Lighting Kit, designed specifically for the Lego 21335 Motorized Lighthouse model.

PRODUCT OVERVIEW

The LIGHTAILING LED Lighting Kit is an accessory designed to illuminate your Lego 21335 Motorized Lighthouse model. This kit enhances the visual appeal of your model by adding functional lighting to various sections, including the lighthouse tower, the keeper's cottage, and the surrounding base. **Please note: The Lego 21335 Motorized Lighthouse model is not included with this lighting kit.**



Image: The Lego 21335 Motorized Lighthouse model fully illuminated by the LIGHTAILING LED lighting kit.



Image: Detailed view of the illuminated interior of the lighthouse tower.

Video: A demonstration of the LIGHTAILING LED Lighting Kit installed on the Lego 21335 Motorized Lighthouse, showing various illuminated sections and effects.

PACKAGE CONTENTS

Upon opening your LIGHTAILING LED Lighting Kit, please verify that all the following components are present:

- 1 x LED Light Kit (various individual LED lights and connecting wires)
- 1 x Battery Box (for power supply, batteries not included)
- 1 x Paper Instruction Guide



Image: The complete contents of the LIGHTAILING LED Lighting Kit package.

SAFETY GUIDELINES

To ensure safe operation and prevent damage to the lighting kit or your Lego model, please adhere to the following guidelines:

- **Power Supply:** The power supply should be less than 5V. Using a higher voltage may cause damage to the LED components.
- **Battery Type:** If using the battery box, ensure you use three AA batteries (not included).
- **Handling:** Install the LED lights carefully. Avoid hard pulling, bending, or shaking the wires and components, as this can cause breakage.
- **Testing:** Before final installation, it is recommended to test the product to ensure it functions properly.

SETUP AND INSTALLATION

The installation of the LIGHTAILING LED Lighting Kit requires careful attention to detail. The provided paper instructions offer a visual guide. For additional assistance, you may scan the QR code on the product box for online installation videos.

General Installation Steps:

1. **Preparation:** Ensure your Lego 21335 Motorized Lighthouse model is fully assembled and accessible for light installation.
2. **Component Identification:** Familiarize yourself with the various LED components and wires provided in the kit.
3. **Placement:** Follow the instruction guide to strategically place the LED lights within the Lego model. This often involves carefully routing wires between Lego bricks and attaching small LED components.
4. **Connection:** Connect the individual LED light wires to the main circuit board or connectors as indicated in the instructions.

5. **Power Connection:** Connect the entire lighting system to the battery box or a USB power source (less than 5V).
6. **Testing:** Before securing all components, test the lights to ensure they are functioning correctly.



Image: Example of LED light placement within the Lego model.



Image: Careful insertion of an LED light into a Lego brick.

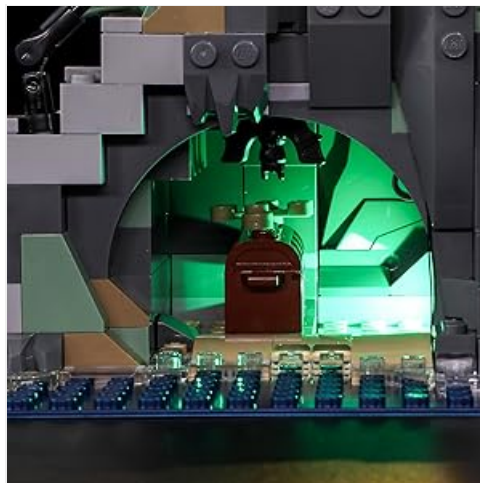


Image: Proper routing of wires to integrate the lighting system seamlessly.

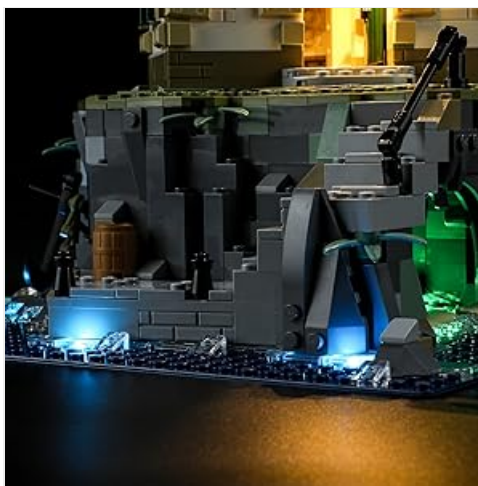


Image: Connecting the battery box to power the lights.

OPERATING INSTRUCTIONS

Once the LIGHTAILING LED Lighting Kit is fully installed and connected to a power source (either the battery box with 3 AA batteries or a USB power source under 5V), the lights will illuminate. There are no additional controls for brightness or patterns; the lights are designed for continuous illumination when powered.

CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your lighting kit:

- **Cleaning:** Gently dust the LED components and wires with a soft, dry cloth. Avoid using liquids or abrasive cleaners.
- **Storage:** If storing the model for an extended period, disconnect the power source (remove batteries or unplug USB) to prevent battery drain or potential damage.
- **Handling:** Continue to handle the illuminated model with care to avoid dislodging or damaging the delicate wiring.

TROUBLESHOOTING

If you encounter any issues with your LIGHTAILING LED Lighting Kit, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, incorrect connection, or faulty component.	Ensure batteries are correctly inserted and charged, or USB power is connected. Check all wire connections for proper seating. Verify the power source is functioning.
Some lights are dim or flickering.	Low battery power or loose connection.	Replace batteries with fresh ones or try a different USB power source. Inspect connections for any looseness.
Lights are too bright or too dim.	This kit does not offer adjustable brightness.	The kit is designed for a fixed brightness level. Ensure your power source is within the 5V limit.

Problem	Possible Cause	Solution
Wires are visible or not neatly integrated.	Improper routing during installation.	Carefully re-route wires according to the instruction manual, utilizing gaps and spaces within the Lego model for concealment.

PRODUCT SPECIFICATIONS

Feature	Detail
Brand	LIGHTAILING
Model Number	21335
Compatible With	Lego 21335 Motorized Lighthouse
Power Source	3 AA Batteries (not included) or USB Power (less than 5V)
Product Dimensions (Box)	6.5 x 4.72 x 1.57 inches
Item Weight	5.8 ounces
Manufacturer Recommended Age	6 years and up

CUSTOMER SUPPORT AND WARRANTY

LIGHTAILING is committed to providing quality products and services. If you encounter any problems during the installation or operation of your LED lighting kit, or if you have any questions, please do not hesitate to contact our customer support team. While specific warranty details are not provided in this manual, LIGHTAILING aims to ensure customer satisfaction with their products.

For assistance, please refer to the contact information provided on the product packaging or the official LIGHTAILING website.