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## BrickBling 21330

# BrickBling LED Lighting Kit for LEGO Home Alone 21330 - Instruction Manual

Model: 21330 | Sound Version

### PRODUCT OVERVIEW

The BrickBling LED Lighting Kit is designed to bring your LEGO Ideas Home Alone 21330 building kit to life with vibrant lights and integrated sound. This kit enhances the visual appeal and interactive experience of your LEGO model, allowing you to illuminate various sections and play music.



Image: The BrickBling LED Lighting Kit illuminates the LEGO Home Alone 21330 model, creating a dynamic and lively display with integrated sound features.

### Key Features:

- **Sound Version:** Includes a music module allowing playback of pre-loaded tunes and the ability to import your own favorite music.
- **Easy Installation:** Designed for seamless integration with the LEGO Home Alone 21330 set, with minimal exposed wiring after installation.
- **Safe Materials:** Constructed from high-grade ABS materials and copper for durability and safety. Recommended voltage is 3-5V.
- **USB Powered:** Can be powered by any USB port device, offering flexible power options.
- **Step-by-Step Instructions:** Comprehensive online video instructions are provided to guide you through the installation process.

## PACKAGE CONTENTS

Before beginning installation, please verify that all components listed below are present in your package. If any items are missing or damaged, please contact BrickBling customer support.



## Accessories Contents

1. Led Light Kits
2. Instruction Guide



2× Bit Lights-15CM  
White



2× Bit Lights-15CM  
Red



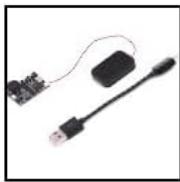
2× Bit Lights-15CM  
Warm White



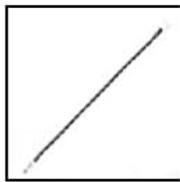
4× Headlights-15CM  
Warm White



1× Headlights-30CM  
Warm White



1× Music module



1× Connecting Cable  
5CM



1× Connecting Cable  
20CM



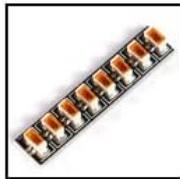
1× Connecting Cable  
30CM



1× Connecting Cable  
50CM



2× 6 Socket  
Expansion Board



1× 8 Socket  
Expansion Board



1× 6 Socket  
Expansion Board



1× power supply

Image: Detailed view of the accessories included in the BrickBling LED Lighting Kit, essential for assembly.

- LED Light Kits (various types and lengths)
- Connecting Cables (various lengths)
- Expansion Boards (6-socket and 8-socket)
- Music Module
- Power Supply
- Instruction Guide (referencing online video instructions)

## SETUP AND INSTALLATION

Installation of the BrickBling LED Lighting Kit requires careful attention to detail. It is highly recommended to follow the official step-by-step online video instructions provided by BrickBling for the most accurate and smooth installation process. These videos demonstrate the precise placement of lights and routing of wires within your LEGO model.

### General Installation Steps:

1. **Preparation:** Ensure your LEGO Home Alone 21330 model is assembled according to its original instructions. Identify the sections where lights will be installed.
2. **Access Online Instructions:** Locate the QR code or URL provided in your physical instruction guide to access the detailed video tutorial.
3. **Component Identification:** Familiarize yourself with the different types of LED lights, connecting cables, and expansion boards. The video instructions will guide you on which components to use for each step.
4. **Wire Routing:** Carefully route the thin wires between LEGO bricks and plates to conceal them as much as possible. The design aims for minimal visible wiring.
5. **Connecting Components:** Connect the LED lights to the appropriate expansion boards, and then connect the expansion boards to the main power supply and music module as shown in the video. Pay close attention to the polarity and correct ports.
6. **Testing:** Periodically test the lights during installation to ensure connections are secure and lights are functioning correctly.
7. **Final Assembly:** Once all lights are installed and tested, reassemble any disassembled LEGO sections.

***Note:** Some users have reported confusion regarding instructions. BrickBling provides free, detailed video instructions via their official website/YouTube channel. Any claims of requiring payment for instructions are inaccurate.*



Image: The interior of the LEGO Home Alone house, brightly lit by the BrickBling kit, showcasing the detailed illumination of each room.

## OPERATION

Once the BrickBling LED Lighting Kit is fully installed and connected to a power source, it is ready for operation.

### Powering On/Off:

- Connect the power supply to a USB port (e.g., power bank, USB wall adapter, computer USB port).
- The lights should illuminate automatically upon connection.
- To turn off the lights, simply disconnect the power supply from the USB source.

### Sound Functionality:

- The integrated music module allows for sound playback.
- Refer to the specific instructions for the music module (usually detailed in the online video guide) for controls such as volume adjustment, track selection, and importing custom music.
- Ensure the music module is correctly connected to the main circuit for sound to function.

## MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your BrickBling LED Lighting Kit.

- **Cleaning:** Use a soft, dry cloth to gently wipe away dust from the lights and wires. Avoid using liquid cleaners directly on the electronic components.
- **Wire Care:** Do not pull or excessively bend the wires, as this can damage the internal conductors. Ensure wires are not pinched by LEGO bricks.
- **Storage:** If disassembling the kit for storage, carefully disconnect components and store them in a dry, dust-free environment, preferably in their original packaging or a protective container.
- **Power Source:** Always use a stable 3-5V USB power source. Avoid using power sources with higher voltage, as this can damage the LEDs and circuit board.

## TROUBLESHOOTING

If you encounter any issues with your BrickBling LED Lighting Kit, please refer to the common troubleshooting steps below. For more detailed assistance, consult the online video instructions or contact customer support.

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, incorrect polarity.	Ensure USB power source is active. Check all cable connections to expansion boards and power supply. Verify correct polarity if applicable.
Some lights are not working.	Damaged LED, loose connection to expansion board, faulty expansion board.	Check individual LED connections. Inspect the wire for damage. Try connecting the non-working LED to a different port on the expansion board or a different expansion board.
Sound is not playing.	Music module not connected, volume too low, faulty module.	Ensure the music module is securely connected to the main circuit. Check volume settings. Refer to the online guide for specific music module operation.
Lights flicker or dim.	Insufficient power, loose connection.	Try a different USB power source with sufficient output. Re-check all connections for tightness.

If the issue persists after attempting these solutions, please refer to the detailed troubleshooting section in the online video instructions or contact BrickBling customer support for further assistance.

## PRODUCT SPECIFICATIONS

Attribute	Detail
Brand	BrickBling
Model Number	21330
Compatible With	LEGO Ideas Home Alone 21330 Building Kit
Light Source Type	Light Emitting Diode (LED)
Material	Acrylonitrile Butadiene Styrene (ABS), Copper
Voltage	5 Volts (Recommended 3-5V)
Power Source	Battery Powered (via USB, batteries not included)
Style	Sound Version Light
Item Weight	5.29 Ounces (approx. 150g)
Product Dimensions	6.1 x 4.15 x 1.18 inches (packaging)
Recommended Age	15 years and up

## CUSTOMER SUPPORT

For any questions, technical assistance, or warranty inquiries regarding your BrickBling LED Lighting Kit, please contact our customer support team. We are dedicated to ensuring your satisfaction with our products.

### Contact Information:

- Visit the official BrickBling website for support resources and contact details.
- Refer to the contact information provided in your product packaging.

Please have your product model number (21330) and purchase details ready when contacting support to facilitate a quicker resolution.