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› [Hilighting](#) /

› [Hilighting LED Light Kit for LEGO City Ski and Climbing Center \(60366\) - Instruction Manual](#)

Hilighting P3R

Hilighting LED Light Kit for LEGO City Ski and Climbing Center (60366)

Instruction Manual

1. INTRODUCTION

This instruction manual provides detailed guidance for installing and operating your Hilighting LED Light Kit, specifically designed for the LEGO City Ski and Climbing Center Building Set (LEGO model 60366). This kit enhances the visual appeal of your LEGO model by illuminating its various sections with integrated LED lights. Please note that the LEGO model itself is not included with this light kit.

For optimal results and to ensure proper functionality, please read these instructions carefully before beginning installation.

2. PACKAGE CONTENTS

Before starting, verify that all components listed below are present in your package:

- LED Light Strips
- Connecting Cables
- USB Power Cable
- AAA Battery Case (batteries not included)
- Socket Expansion Board
- Instruction Manual (this document)

PACKAGE INCLUDE

Note: Only Light Kit Not Include The Lego Model



Figure 2.1: Contents of the Hilighting LED Light Kit package.

If any components are missing or damaged, please contact Hilighting customer support for assistance.

3. SETUP AND INSTALLATION

The installation process involves integrating the LED components into your pre-assembled LEGO City Ski and Climbing Center (60366) model. Follow the detailed steps provided in the included printed instruction manual for precise placement of each light element.

General Installation Tips:

- **Preparation:** Ensure your LEGO model is fully assembled and stable before beginning the light kit installation.
- **Cable Management:** Carefully route connecting cables between LEGO bricks to conceal them and prevent damage. Avoid pinching cables.
- **Component Placement:** Refer to the visual guides in the instruction manual for the correct placement of light strips and individual LEDs to illuminate specific areas of the model.
- **Testing:** Periodically test the lights during installation to ensure connections are secure and all lights are functioning.



Figure 3.1: The LEGO City Ski and Climbing Center model illuminated by the LED light kit.



Figure 3.2: Interior lighting details of the model.

Hilighting LED Light Kit For LEGO 60366 Ski and Climbing Centre



(Note: Model Not Included)

Figure 3.3: Detailed view of interior lighting.

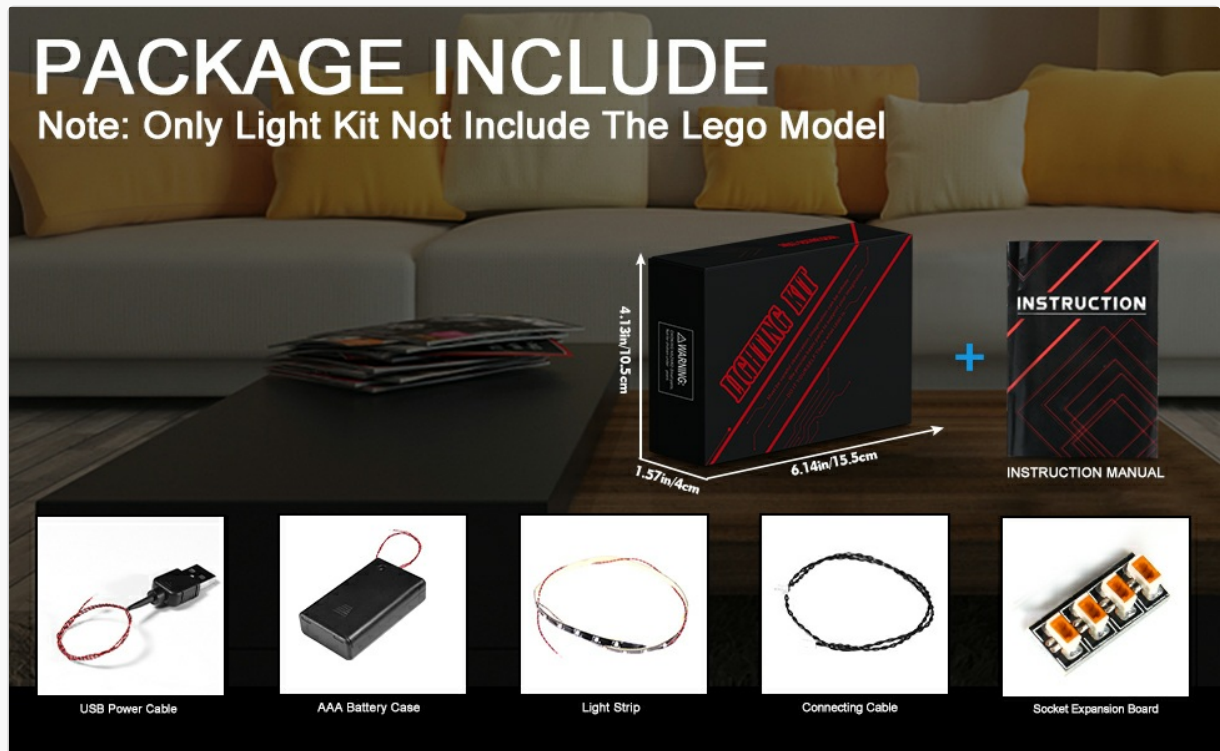


Figure 3.4: Illumination along the ski slope.



Figure 3.5: Illumination of the climbing wall.

Video 3.6: Demonstration of the Hilighting LED Light Kit installed on the LEGO City Ski and Climbing Center, showcasing the various illuminated features and overall effect.

4. OPERATING INSTRUCTIONS

The Hilighting LED Light Kit offers multiple power supply options:

- **USB Power:** Connect the provided USB power cable to the light kit and then to any standard USB power source (e.g., a USB wall adapter, power bank, or computer USB port). The voltage safety is

rated for 3-5V.

- **Battery Power:** Insert 3 AAA batteries (not included) into the AAA battery case. Connect the battery case to the light kit.

Once connected to a power source, the lights will activate. Some kits may feature seven-color self-flashing lights or ordinary steady lights, depending on the specific design. No additional controls are typically required for basic operation.

5. MAINTENANCE

To ensure the longevity and optimal performance of your LED light kit, follow these maintenance guidelines:

- **Cleaning:** Gently dust the LED components and cables with a soft, dry cloth. Avoid using liquid cleaners directly on the lights or electrical connections.
- **Storage:** If disassembling the kit for storage, carefully disconnect all components and store them in a dry, cool place away from direct sunlight and extreme temperatures.
- **Cable Integrity:** Regularly inspect cables for any signs of wear, fraying, or damage. Replace damaged cables if necessary.
- **Battery Replacement:** If using battery power, replace AAA batteries when the lights dim or cease to function. Ensure correct polarity when inserting new batteries.

6. TROUBLESHOOTING

If you encounter issues with your Hilighting LED Light Kit, consider the following troubleshooting steps:

- **Lights Not Turning On:**
 - Check all power connections. Ensure the USB cable or battery case is securely connected to the light kit and the power source.
 - If using batteries, verify they are correctly inserted and have sufficient charge. Try new batteries.
 - If using USB, try a different USB port or power adapter.
- **Some Lights Not Working:**
 - Inspect the connections for the non-working lights. Ensure they are firmly plugged into the expansion board.
 - Check for any visible damage to the specific light component or its cable.
- **Flickering Lights:**
 - Ensure all connections are stable and not loose.
 - Verify the power source is providing consistent power. Low battery charge can cause flickering.

If these steps do not resolve the issue, please refer to the Warranty and Support section for further assistance.

7. SPECIFICATIONS

Model Number	P3R
Power Input	USB (3-5V) or 3x AAA Batteries (not included)

Compatibility	LEGO City Ski and Climbing Center Building Set (Model 60366)
Package Dimensions	6.02 x 3.98 x 1.22 inches
Item Weight	4.2 ounces
Manufacturer	Hilighting

8. WARRANTY AND SUPPORT

Hilighting provides lifetime technical support for this LED light kit. If you have any questions, concerns, or require assistance with installation or troubleshooting, please contact Hilighting customer support. Our team is available to help ensure your satisfaction with the product.

For contact information, please refer to the product packaging or the official Hilighting website.