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› LocoLee LED Light Kit for LEGO 76297 Dancing Groot (Standard Version) - Installation and Operation Manual

LocoLee 76297

LocoLee LED Light Kit for LEGO 76297 Dancing Groot (Standard Version)

Installation and Operation Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the LocoLee LED Light Kit, specifically designed to enhance your LEGO 76297 Dancing Groot model. This kit is intended to add dynamic lighting effects to your existing LEGO set. **Please note: The LEGO 76297 Dancing Groot model is NOT included with this light kit and must be purchased separately.**

The light kit features high-quality LED components and is powered via USB, offering a vibrant display for your model. Ensure you read all instructions carefully before beginning installation.



Image 1.1: The LocoLee LED Light Kit illuminating the LEGO 76297 Dancing Groot model.

NOT Included The Model Set



Model Shown For Display Only – Not For Sale

Image 1.2: Visual comparison of the LEGO 76297 Dancing Groot model before and after the light kit installation.

2. SAFETY INFORMATION

To ensure safe operation and prevent accidental ingestion, keep all small components of the light kit out of reach of young children. This product contains small parts that could pose a choking hazard. Always supervise children if they are assisting with installation. The light kit operates on a low voltage (less than 5V) USB power source. Do not attempt to connect it to higher voltage power supplies.

3. WHAT'S IN THE BOX

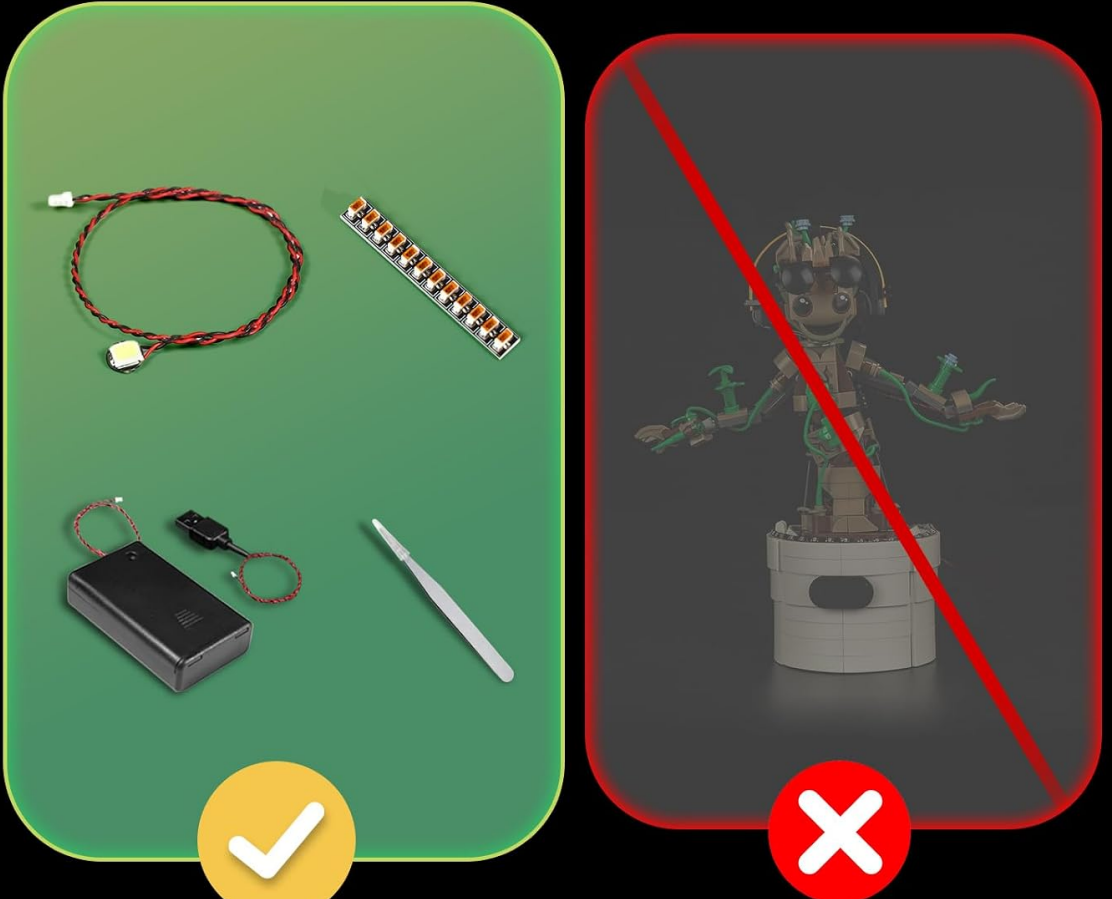
Your LocoLee LED Light Kit package includes the following components:

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

- Installation Tools (e.g., tweezers)
- Instruction Manual (this document)

Important: The LEGO 76297 Dancing Groot model is NOT included.

NOT Included The Model Set



The image is divided into two rounded rectangular panels. The left panel has a green background and contains four items: a red and black braided cable with a white connector, a long strip of electronic components, a black rectangular battery pack with a red wire, and a silver tweezers. A yellow circle with a white checkmark is at the bottom right of this panel. The right panel has a dark grey background and contains a LEGO 76297 Dancing Groot model. A large red 'X' is drawn over the entire panel. A red circle with a white 'X' is at the bottom right of this panel.

Model Shown For Display Only – Not For Sale

Image 3.1: Overview of included light kit components versus the separate LEGO model.

Model Shown For Display Only – Not For Sale



Image 3.2: Detailed breakdown of light kit components.

4. SETUP AND INSTALLATION

Installation of the LocoLee LED Light Kit requires careful attention to detail. It is recommended to have your LEGO 76297 Dancing Groot model fully assembled before beginning the light kit installation.

4.1 Preparation

1. Unpack all components from the light kit box.
2. Familiarize yourself with the different types of lights and cables provided (refer to Image 3.2).
3. Ensure your LEGO 76297 Dancing Groot model is clean and stable.
4. Test each light part before assembling by connecting it to the power source to ensure functionality.

4.2 Installation Steps

The installation process involves carefully integrating the LED lights and cables into the LEGO model. Specific steps will vary based on the design of the LEGO model. General guidelines include:

- **Disassembly (Partial):** You may need to carefully remove certain LEGO bricks to route cables and

place LEDs. Refer to the detailed instructions provided via the QR code in Section 8 for model-specific guidance.

- **LED Placement:** Position the small LEDs in designated areas, such as within the head, arms, and base of the Groot model, as shown in product images.
- **Cable Routing:** Route the thin connecting cables discreetly between LEGO bricks to hide them as much as possible. Use the provided tweezers for precision.
- **Connecting to Expansion Boards:** Connect the individual LED cables to the expansion boards. Ensure correct polarity if applicable.
- **Power Connection:** Connect the expansion boards to the battery box or USB power cable.
- **Reassembly:** Carefully reassemble any disassembled LEGO bricks, ensuring cables are not pinched.

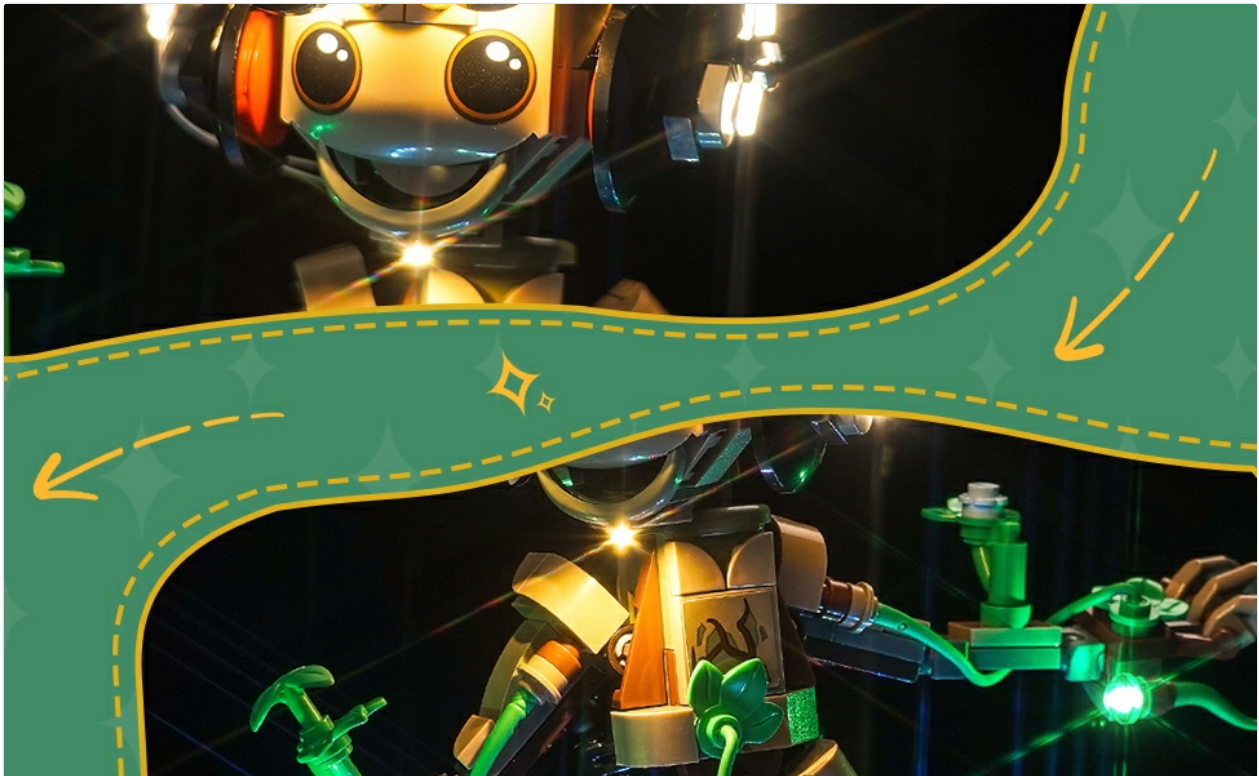


Image 4.1: Example of LED placement in the model's head.



Image 4.2: Example of LED placement in the model's arms.



Image 4.3: Example of LED placement in the model's base.

5. OPERATING INSTRUCTIONS

Once the light kit is fully installed, operating it is straightforward.

5.1 Powering the Light Kit

The light kit can be powered by two methods:

- **USB Power:** Connect the provided USB power cable to a USB power adapter (not included) or a USB port on a computer/power bank. The lights will be brighter when powered by USB. Ensure the voltage is less than 5V.
- **Battery Box:** Insert the required batteries (not included) into the battery box and connect it to the light kit.

5.2 Turning On/Off

Depending on the power source, the light kit will typically activate automatically upon connection. Some battery boxes may include a small switch for manual control. For advanced features like sound activation or remote control, refer to the detailed online manual (Section 8) as these functionalities may vary by kit version.

Your browser does not support the video tag.

Video 5.1: Demonstration of the LocoLee LED Light Kit illuminating the LEGO 76297 Dancing Groot model, showcasing its dynamic lighting effects.

6. MAINTENANCE

The LocoLee LED Light Kit is designed for durability and requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to gently wipe away dust from the lights and cables. Avoid using liquids or abrasive cleaners.

- **Cable Care:** Ensure cables are not bent sharply or pinched, as this can damage the internal wiring.
- **Storage:** If storing the model for an extended period, disconnect the power source (remove batteries or unplug USB) to prevent battery drain or potential issues.

7. TROUBLESHOOTING

If you encounter any issues with your light kit, please refer to the following troubleshooting tips:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty component.	Check power source (USB or batteries). Ensure all connections are secure. Test individual lights if possible.
Some lights are dim or flickering.	Low battery, loose connection, damaged cable.	Replace batteries or switch to USB power. Check cable connections. Inspect cables for visible damage.
Lights are not bright enough.	Using battery power, insufficient USB power.	For maximum brightness, use a stable USB power source (e.g., wall adapter).

If the problem persists after trying these solutions, please contact customer support (see Section 9).

8. SPECIFICATIONS

- **Brand:** LocoLee
- **Model Compatibility:** LEGO 76297 Dancing Groot
- **Style:** Standard Version
- **Light Source Type:** LED
- **Power Source:** USB (Voltage less than 5V)
- **Material:** High-quality copper lines and ABS plastic
- **Bulb Features:** Sound activation, remote control compatibility, lighting effects specific to the model (features may vary by specific kit version and may require additional components not included in the standard kit).
- **Product Dimensions:** 6.06 x 3.98 x 1.26 inches (packaging)
- **Item Weight:** 3.84 ounces
- **Manufacturer Recommended Age:** 16 years and up

9. WARRANTY AND SUPPORT

LocoLee is committed to providing high-quality products. If you have any questions or encounter issues with your light kit, please do not hesitate to contact us. We offer support for product inquiries and replacement parts.

9.1 Online Manual and Support

For detailed step-by-step installation guides, including PDF and video instructions, please scan the QR code below or visit the provided URL. This resource offers model-specific guidance to ensure a smooth installation process.



Birthdays



Thanksgiving

Convenient installation

Scan the URL to access the step-by-step manual (available as PDF/video)-Paperless manual

GC821



Replacement parts are available for aftercare

Image 9.1: Scan for detailed online instructions and support.

Replacement parts are available for aftercare. Please refer to the online resources for information on how to obtain them.