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BRIKSMAX 76444

BRIKSMAX 2.0 Light Kit Instruction Manual

For Lego-76444 Diagon Alley Wizarding Shops

1. INTRODUCTION

This instruction manual provides detailed guidance for installing and operating your BRIKSMAX 2.0 Light Kit, specifically designed to enhance the Lego-76444 Diagon Alley Wizarding Shops building set. This kit adds vibrant and realistic lighting effects, bringing your model to life. Please read all instructions carefully before beginning installation.

2. SAFETY INFORMATION

- **Small Parts Warning:** This kit contains small parts that may pose a choking hazard. Keep out of reach of small children.
- **Electrical Safety:** Ensure the power source is disconnected before installation or maintenance. Do not expose wires or components to water or excessive moisture.
- **Handle with Care:** The LED wires are delicate. Avoid excessive pulling, bending, or sharp creases to prevent damage.
- **Adult Supervision:** Installation is recommended for adults or with adult supervision due to the intricate nature of the components.

3. PACKAGE CONTENTS

Verify that all components listed below are present in your BRIKSMAX 2.0 Light Kit package:

- LED Light Kit components (various lights and connecting wires)
- Paper instructions
- User Guide
- AA Battery Box (batteries not included)
- USB Power Cable
- Expansion Boards
- Wire Organizing Blocks



WHAT'S INCLUDED?

- 1.LED Light Kit
- 2.Paper instructions
- 3.User Guide
- 4.AA Battery Box

Image 3.1: Contents of the BRIKSMAX 2.0 Light Kit. Please ensure all items are present before starting installation.

4. SETUP AND INSTALLATION

Installation of the BRIKSMAX 2.0 Light Kit requires patience and careful attention to detail. It is recommended to follow the provided paper instructions alongside this guide and any available video tutorials for best results. The Lego set itself is not included with this light kit.

4.1 General Installation Tips

- **Test Components:** Before integrating lights into your Lego model, test each light strand and connector by plugging them into the expansion board and connecting to a power source (USB or battery box).
- **Gentle Handling:** Wires and connectors are small and delicate. Avoid forcing connections or pulling on wires.
- **Wire Management:** Utilize the included wire organizing blocks to conceal wires and prevent breakage. Route wires carefully between or under Lego bricks to maintain structural integrity and a neat appearance.
- **Modular Design:** The independent accessories allow for flexible installation. You can disassemble light points to achieve a unique display effect.

4.2 Visual Installation Guide

For a step-by-step visual guide, please refer to the official installation video below. This video demonstrates the process of integrating the light kit into your Lego Diagon Alley Wizarding Shops set.

Video 4.1: Official BRIKSMAX installation guide for the Lego-76444 Diagon Alley Wizarding Shops light kit. This video demonstrates the lighting effects and key installation steps, including wire routing and component connection.

4.3 Key Installation Steps Illustrated

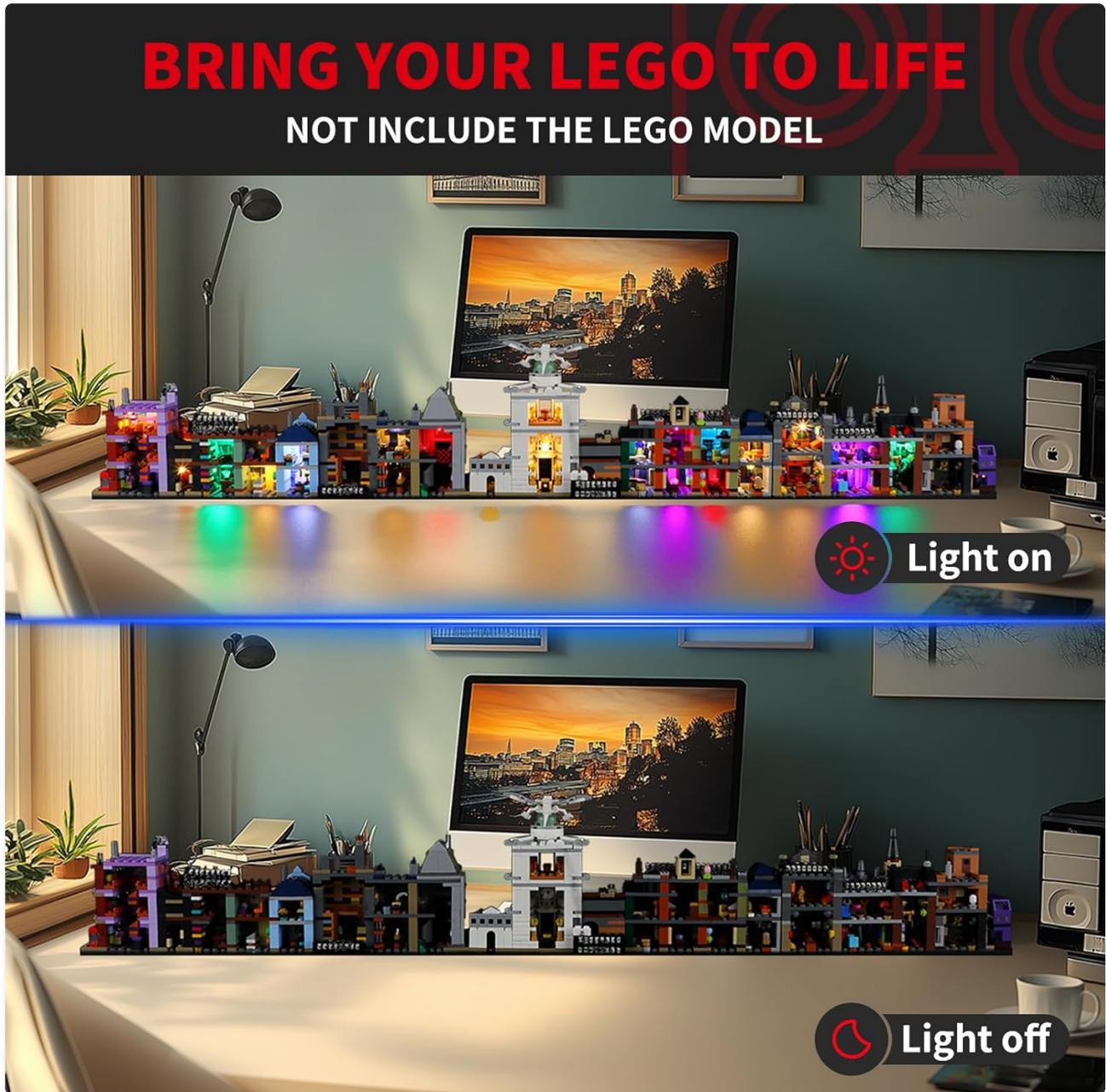


Figure 4.2: Comparison of the Lego set with lights off and on, highlighting the visual impact of the BRIKSMAX kit.

DETAIL LIGHTING, ENDURING SPARKLE

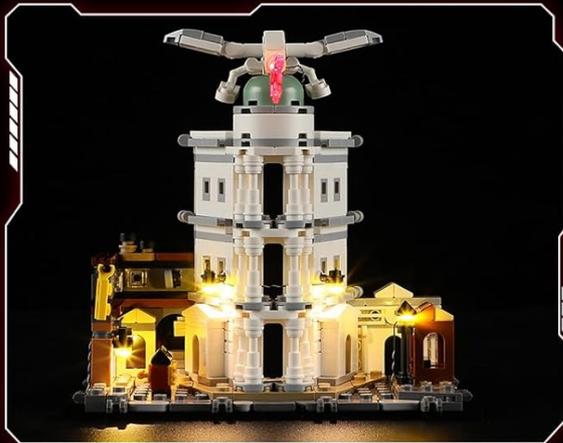
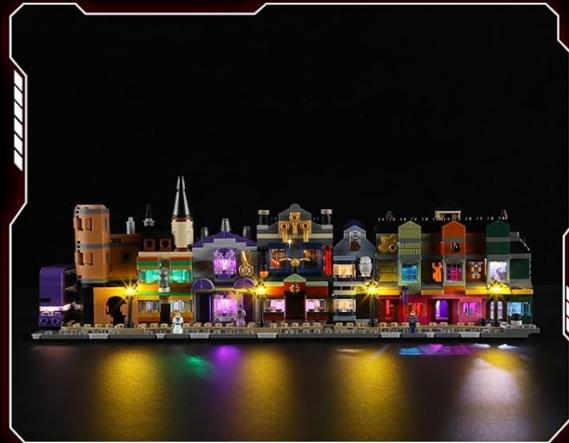


Figure 4.3: Detailed views of the lighting, demonstrating the vibrant colors and illumination within the shops.

UNIQUE DESIGN, PERFECT FUSION

Ours



Safer and softer



Larger and easier to install

VS

Others



Unsafe and glaring

VS



Small and hard to install

Figure 4.4: Illustration of BRIKSMAX's unique design with larger, easier-to-install connectors compared to others.

FEWER GAPS, SLIM FIT

Protect Wires from Breakage & Keep Your Model Tidy



*Specific Components May Vary By Particular Product

Figure 4.5: Example of wire routing using organizing blocks to protect wires and ensure a tidy, slim fit within the Lego structure.

5. OPERATING INSTRUCTIONS

Once the light kit is fully installed, connect the power source:

- **USB Power:** Connect the provided USB cable to an expansion board and then to a 5V USB power adapter (not included) or a USB port on a computer/power bank.
- **Battery Box:** Insert 3x AA batteries (not included) into the battery box. Connect the battery box to an expansion board.

The lights should illuminate automatically upon connection to a power source. There are no additional switches or controls for basic operation unless a separate remote control module was purchased (not included in standard kit).

6. MAINTENANCE

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

- **Wire Integrity:** Periodically inspect wires for any signs of wear or damage. Ensure they remain securely tucked away to prevent accidental snagging.
- **Storage:** If disassembling the Lego set or storing the light kit, carefully disconnect components and store them in a dry, safe place to prevent damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty component.	Ensure power source (USB or batteries) is working. Check all connections to expansion boards. Test individual light strands if possible.
Some lights are not working.	Loose connection, damaged wire/LED.	Inspect connections for the non-working lights. Gently check wires for kinks or breaks. If a component is faulty, contact support for replacement.
Lights flicker or are dim.	Insufficient power, loose connection.	If using batteries, replace them. If using USB, try a different USB port or adapter. Check all connections.
Lego bricks do not fit together properly after installation.	Wires are not routed correctly or are too bulky.	Carefully re-route wires to ensure they lie flat between or under bricks. Use wire organizing blocks to minimize bulk.

8. SPECIFICATIONS

- **Brand:** BRIKSMAX
- **Model Number:** 76444 (Compatible with Lego Diagon Alley Wizarding Shops)
- **Manufacturer Part Number:** BX705
- **Power Source:** Corded Electric (USB) or AAA Battery Box
- **Material Type:** Plastic
- **Item Dimensions:** 6.3 x 4.72 x 1.57 inches (packaging)
- **Item Weight:** 280 Grams
- **Assembly Required:** Yes
- **Educational Objective:** Creative Thinking, Problem Solving Skills

9. WARRANTY INFORMATION

BRIKSMAX provides a **1-Year Warranty on Parts** for this light kit. If you encounter any damaged or missing parts, please contact customer service for a replacement. This warranty covers manufacturing defects and component failures under normal use.

10. SUPPORT

For further assistance, troubleshooting, or warranty claims, please contact BRIKSMAX customer service. You can typically find contact information on the product packaging or through the retailer where the product was purchased.

Please have your model number (76444) and manufacturer part number (BX705) ready when contacting support.

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