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## BRIKSMAX 75415

# BRIKSMAX 2.0 Light Kit Instruction Manual for Lego Kylo Ren Helmet (Set 75415)

Model: 75415

## 1. INTRODUCTION

This instruction manual provides detailed guidance for installing and operating your BRIKSMAX 2.0 LED Light Kit, specifically designed for the Lego Star Wars 75415 Kylo Ren Helmet set. This kit enhances your Lego model with innovative lighting effects, bringing it to life with vibrant colors and a realistic visual display. Please read all instructions carefully before beginning installation.

**Note:** The Lego Kylo Ren Helmet set (75415) is not included with this light kit.

## 2. WHAT'S INCLUDED

Verify that all components listed below are present in your package:

- LED Light Kit components
- Paper instructions
- User Guide
- AA Battery Box (batteries not included)
- USB cable



## WHAT'S INCLUDED?

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

Figure 2.1: Package contents of the BRIKSMAX 2.0 Light Kit.

### 3. SETUP AND INSTALLATION

Follow these steps to integrate the light kit with your Lego Kylo Ren Helmet (Set 75415). It is recommended to have the Lego set fully assembled before beginning the light kit installation.

1. **Prepare the Lego Model:** Carefully identify the areas on your Lego Kylo Ren Helmet where the lights will be installed. Some disassembly of specific Lego bricks may be required to properly route wires and place light components.
2. **Install LED Components:** Attach the individual LED lights and light strips to the designated areas of the Lego model. The kit includes wire organizer parts designed to help conceal wires and prevent breakage, ensuring a neat and secure fit.
3. **Connect Expansion Boards:** Connect the LED wires to the expansion boards. Ensure all connections are firm. The upgraded crafts feature brick shells around lights and expansion boards to reduce exposed components and improve aesthetics.

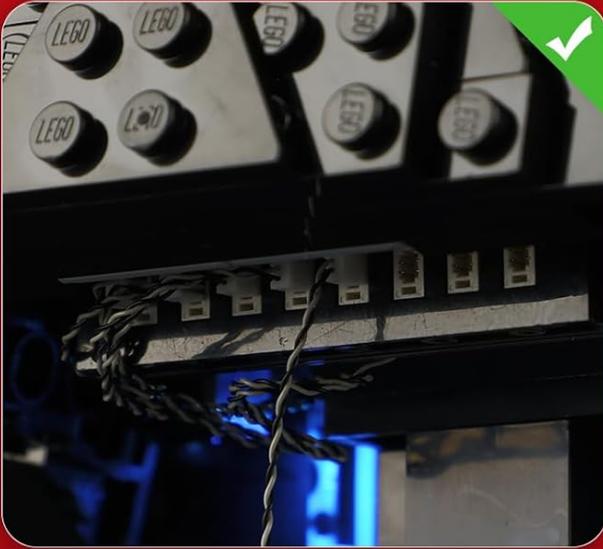
4. **Power Connection:** Connect the expansion boards to the provided AA Battery Box or USB cable. If using the battery box, insert the required AA batteries (not included).
5. **Test Lights:** Before reassembling all Lego pieces, briefly connect power to test if all lights are functioning correctly.
6. **Final Assembly:** Carefully reassemble any disassembled Lego bricks, ensuring wires are not pinched and are neatly tucked away using the wire organizer parts.



Figure 3.1: Example of wire management using included organizer parts.

# UNIQUE DESIGN, PERFECT FUSION

Ours



Safer and softer



Larger and easier to install

Others



Unsafe and glaring



Small and hard to install

VS

VS

VS

Figure 3.2: Comparison of BRIKSMAX wiring and connectors.

## 4. OPERATING INSTRUCTIONS

Once installed, operating your BRIKSMAX light kit is straightforward.

- **Power On/Off:** Connect the USB cable to a power source or ensure batteries are correctly inserted into the battery box. The lights should illuminate automatically. Disconnect power to turn off.
- **Lighting Modes:** The kit supports color changing and multiple lighting modes. Refer to the specific paper instructions included in your package for details on how to cycle through these modes, typically via a button on the battery box or a remote control if included.

# BRING YOUR LEGO TO LIFE

NOT INCLUDE THE LEGO MODEL



Figure 4.1: Kylo Ren Helmet with lights on and off.

# DETAIL LIGHTING, ENDURING SPARKLE



Figure 4.2: Detailed lighting effects on the Kylo Ren Helmet.

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Video 4.1: Official product video demonstrating the BRIKSMAX 2.0 Light Kit for Lego Star Wars 75415 Kylo Ren Helmet Set in action, showcasing its lighting effects.

## 5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to gently wipe dust from the LED components and wires. Avoid using liquids or abrasive cleaners.
- **Wire Care:** Ensure wires are not pulled or bent sharply, as this can cause damage. The included wire organizers help protect the wires.
- **Battery Replacement:** If using the battery box, replace AA batteries when lights dim or cease to function. Ensure correct polarity.
- **Storage:** When not in use for extended periods, disconnect the power source (remove batteries or unplug USB) to conserve power and prevent potential issues.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	<ul style="list-style-type: none"><li>• No power supply.</li><li>• Incorrect battery installation.</li><li>• Loose wire connection.</li><li>• Damaged component.</li></ul>	<ul style="list-style-type: none"><li>• Ensure USB cable is connected to a working power source or fresh batteries are installed in the battery box.</li><li>• Check battery polarity.</li><li>• Verify all wire connections to LEDs and expansion boards are secure.</li><li>• Inspect components for visible damage. Contact support if damaged.</li></ul>
Lights are dim or flicker.	<ul style="list-style-type: none"><li>• Low battery power.</li><li>• Loose connection.</li></ul>	<ul style="list-style-type: none"><li>• Replace batteries or use a different USB power source.</li><li>• Check all wire connections.</li></ul>
LED adhesive strips peel off.	<ul style="list-style-type: none"><li>• Insufficient adhesion.</li><li>• Surface not clean.</li></ul>	<ul style="list-style-type: none"><li>• Ensure Lego surfaces are clean and dry before application.</li><li>• Apply gentle pressure for several seconds after placing the strip.</li><li>• If peeling persists, a small amount of additional adhesive (e.g., clear craft glue, not super glue) can be used carefully, ensuring it does not damage the LED or Lego bricks.</li></ul>
Difficulty with installation.	<ul style="list-style-type: none"><li>• Instructions unclear.</li><li>• Complex wire routing.</li></ul>	<ul style="list-style-type: none"><li>• Refer to the detailed paper instructions and user guide.</li><li>• Utilize the provided wire organizer parts to manage cables.</li><li>• Contact BRIKSMAX customer support for further assistance.</li></ul>

## 7. SPECIFICATIONS

Feature	Detail
Brand	BRIKSMAX
Model Number	75415 (for Lego Kylo Ren Helmet)
Light Source Type	Light Emitting Diode (LED)
Power Source	Battery Powered (AA batteries, not included) or USB
Bulb Features	Color changing, multiple lighting modes
Number of Light Sources	2
Light Output Maximum	100 Lumens
Material	Plastic

Feature	Detail
Recommended Age	8 years and up
Product Dimensions	6.5 x 4.72 x 1.57 inches
Item Weight	6.3 ounces / 180 Grams

## 8. WARRANTY AND SUPPORT

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BRIKSMAX is committed to providing high-quality products and excellent customer service. Our LED lighting kits are made from safe and reliable materials.

- **Damaged or Missing Parts:** If you receive any damaged or missing parts, please contact BRIKSMAX customer service immediately for a replacement.
- **Technical Assistance:** For any installation difficulties or operational questions not covered in this manual, please reach out to our support team.
- **Contact Information:** Please refer to the contact details provided in your product packaging or visit the official BRIKSMAX website for support.

