

VONADO 21340

VONADO Light Kit for LEGO 21340 Tales of the Space Age Standard Version

Instruction Manual

1. INTRODUCTION

This manual provides instructions for the installation and use of the VONADO Standard Version LED Light Kit, designed specifically for the LEGO 21340 Tales of the Space Age model. This kit enhances the visual appeal of your LEGO model with integrated lighting. Please note that the LEGO model itself is not included with this light kit.

2. PRODUCT FEATURES

- **Bright and Colorful Illumination:** Utilizes ice blue and warm white strip lights, along with colored light particles, to illuminate the Tales of the Space Age model, making it more vibrant and visible in various lighting conditions.
- **Dual Power Supply Options:** The light kit can be powered via a USB cable or by 3 AAA batteries (not included). For USB power, connect to a power bank, wall socket, or compatible USB port. A voltage below 5V is recommended for safe operation.
- **Detailed Installation Guidance:** Comprehensive online e-manuals and video instructions are provided to guide users through each step of the light set installation process.
- **Durable Construction:** Components are made from high-quality copper lines and ABS plastic, designed for heat resistance, anti-burning properties, and extended service life. The light wires are slim, flexible, and designed to be discreetly hidden to maintain the aesthetic integrity of the LEGO model.

3. PACKAGE CONTENTS

Please verify that all components listed below are present in your package:

- Light Strips (Cyan and Warm White)

- Socket Expansion Boards (various sizes)
- Connecting Cables (e.g., 50CM)
- Power Supply Unit (battery box or USB cable)
- Individual LED lights and wires
- Adhesive pads (if applicable for securing lights)

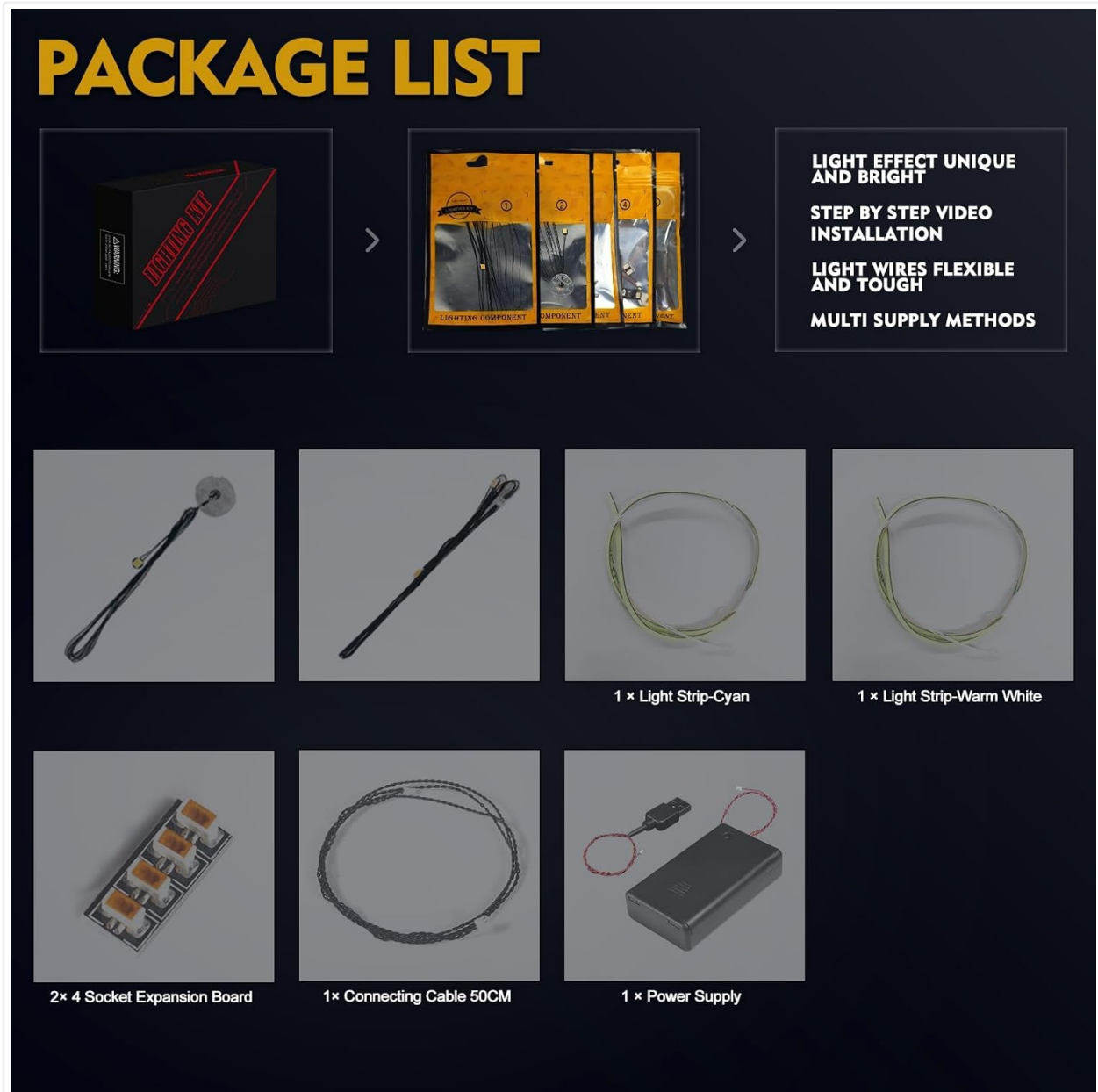


Image 3.1: Overview of the light kit components included in the package.

4. SETUP AND INSTALLATION

The installation process involves integrating the LED lights and wiring into your existing LEGO 21340 Tales of the Space Age model. Due to the intricate nature of light kit installations, it is highly recommended to follow the detailed online e-manual or video instructions provided by VONADO.

Key steps generally include:

1. **Preparation:** Ensure your LEGO model is assembled and stable. Gather all light kit components.
2. **Wire Routing:** Carefully route the thin light wires between LEGO bricks and plates to conceal them as much as possible.

3. **Component Placement:** Attach LED lights and light strips to designated areas of the model as per the instructions. Use adhesive pads if provided.
4. **Connection:** Connect the individual lights and light strips to the expansion boards, and then connect the expansion boards to the main power supply unit.
5. **Testing:** Before fully securing all components, test the lights to ensure proper functionality.

For visual step-by-step guidance, please refer to the official installation video:

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Video 4.1: Official installation guide for the VONADO LED Light Kit for LEGO Tales of the Space Age 21340. This video demonstrates the process of integrating the lighting components into the LEGO model.



Image 4.2: The LEGO Tales of the Space Age model before and after light kit installation.

5. OPERATING INSTRUCTIONS

Once the light kit is fully installed and connected to a power source, operation is straightforward:

- **Power On/Off:** If using the battery box, switch the power button to the 'ON' position to activate the lights. For USB power, the lights will typically turn on when connected to an active USB port.

- **Display:** Position your illuminated LEGO model in your desired display location. The lights are designed to enhance the model's details and overall presentation, especially in low-light environments.



Image 5.1: The LEGO Tales of the Space Age model illuminated and displayed.

6. POWER SUPPLY OPTIONS

The VONADO Light Kit offers flexibility in powering your illuminated LEGO model:

- **USB Power:** Connect the provided USB cable to a compatible USB power source. This can include a power bank, a USB wall adapter, or a USB port on a computer or other device. Ensure the power source provides a stable output of 5V or less.
- **Battery Power:** The kit supports 3 AAA batteries (not included). Insert the batteries into the battery box, observing the correct polarity. This option provides portability for your illuminated model.

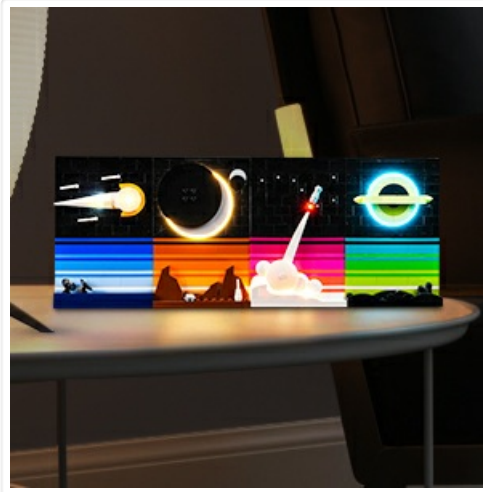


Image 6.1: Illustration of USB and battery power supply methods.

7. MAINTENANCE

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

- **Cleaning:** Gently dust the lights and wires with a soft, dry cloth. Avoid using liquid cleaners directly on the electrical components.
- **Wire Care:** Handle wires carefully to prevent bending, pinching, or breaking. Ensure wires are not under tension.
- **Battery Replacement:** If using battery power, replace all 3 AAA batteries simultaneously when lights dim or cease to function. Do not mix old and new batteries.
- **Storage:** If storing the model for an extended period, disconnect the power source (remove batteries or unplug USB cable) to prevent battery drain or potential damage.

8. TROUBLESHOOTING

If you encounter issues with your VONADO Light Kit, refer to the following common problems and solutions:

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. Verify battery polarity if using batteries.
Lights are dim or flickering.	Low battery power, insufficient USB power, loose connection.	Replace batteries. Use a different USB power source. Check all connections.
Some lights are not working.	Damaged wire, faulty LED, loose connection to expansion board.	Inspect individual wires for damage. Re-seat connections to expansion boards. If a specific LED is faulty, contact support.

If troubleshooting steps do not resolve the issue, please contact VONADO customer support for further assistance.

9. SPECIFICATIONS

Specification	Detail
Brand	VONADO
Model Number	21340 (for LEGO Tales of the Space Age)
Style Name	Standard Version Light Kit
Material	ABS Plastic, Copper
Light Source Type	LED
Power Source	Battery Powered (3 AAA batteries required, not included) or USB Cable
Voltage	5 Volts (recommended for USB)
Maximum Compatible Light Source Wattage	2.5 Watts
Item Weight	0.15 Kilograms
Included Components	Power Cable (USB)

10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact VONADO directly through their official website or the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

VONADO Customer Service: [Visit the VONADO Store on Amazon](#)