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WOBANE WBE006

WOBANE LED Display Light Kit (Model WBE006) Instruction Manual

Model: WBE006

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WOBANE LED Display Light Kit, Model WBE006. This kit is designed to provide versatile and efficient lighting for various applications such as showcases, bookshelves, kitchen counters, and other shelving units. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INSTRUCTIONS

- Ensure the power supply is disconnected before installation or maintenance.
- This product is designed for indoor use only. Do not expose to water or high humidity.
- Use only the provided 24W ETL Listed power adapter. Using an incompatible adapter may damage the product or pose a fire hazard.
- Do not cut the LED strips at any point other than the designated cut marks.
- Avoid bending the LED strips sharply, as this may damage the internal circuitry.
- Keep out of reach of children.
- If any part of the kit is damaged, discontinue use immediately and contact customer support.

3. PACKAGE CONTENTS

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

- 8 x 12-inch LED Light Bars
- 1 x 24W ETL Listed Power Supply
- 4 x 6.7-inch Straight Connectors
- 2 x 20-inch Straight Connectors
- 5 x 90-degree Connectors
- 2 x Cross Connectors
- 1 x "U" Style Connector

- 2 x Cable Holders
- 5 x PINs (for connectors)



Figure 1: Overview of included components in the WOBANE LED Display Light Kit.

4. PRODUCT SPECIFICATIONS

Brand	WOBANE
Model Number	WBE006
Light Color	White (6000K Color Temperature)
Brightness	1200 Lumens (Total)
Wattage	24 Watts

Voltage	240 Volts (Input for adapter), 12V DC (Output)
Material	Polycarbonate
Number of LED Sources	144 LEDs (Total)
Installation Type	Wall Mount (Adhesive)
Indoor/Outdoor Usage	Indoor
Power Source	AC/DC Adapter
Special Feature	Energy Efficient
Certification	ETL Listed Power Supply



Figure 2: The included 24W ETL Listed power adapter.

5. SETUP AND INSTALLATION

5.1 Preparation

- Clean the Surface:** Ensure the installation surface is clean, dry, and free of dust or grease. This will ensure optimal adhesion of the LED strips.
- Plan Your Layout:** Before peeling off the adhesive, plan the desired arrangement of your LED strips and connectors. Consider the length of the strips and the various connector types (straight, 90-degree, cross, U-shape) to achieve your desired lighting design.



Figure 3: Key steps for preparing the surface and attaching the LED strips.

5.2 Attaching LED Strips

3. **Peel and Stick:** Carefully peel off the protective backing from the adhesive tape on the back of each LED strip.
4. **Position and Press:** Firmly press the LED strip onto the prepared surface, ensuring good contact along the entire length.

5.3 Connecting LED Strips

The kit includes various connectors to create custom lighting configurations:

- **Straight Connectors:** Use these to extend the length of your LED strips in a straight line. The kit includes 6.7-inch and 20-inch options to bridge gaps.
- **90-Degree Connectors:** Ideal for turning corners in cabinets or shelves.
- **Cross Connectors:** Allows for branching the LED strips in multiple directions, useful for creating unique patterns or lighting multiple sections from a central point.
- **"U" Style Connector:** Provides flexibility for specific corner or edge applications.

To connect, align the pins of the connector with the contact points on the LED strip and gently press them together. Ensure a secure connection for proper electrical contact.

Variety Connectors



Figure 4: Different types of connectors for flexible installation.

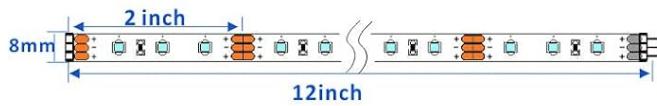


Figure 5: An example installation showing the use of connectors and the ON/OFF switch.

The LED strips can be cut at designated marks (typically every 3 LEDs) if a shorter length is required. Always cut only at these marked points to avoid damaging the strip.

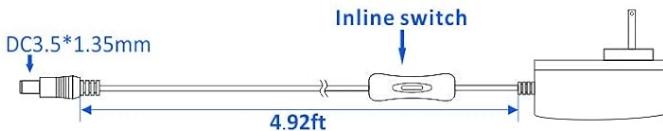
Size Details

1. LED Strip bar * 8



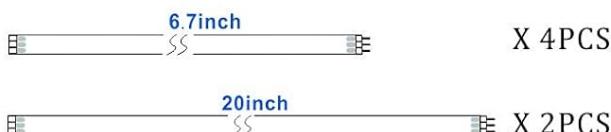
12V, 6000K white,
CRI > 82, High Brightness

2. Adapter * 1



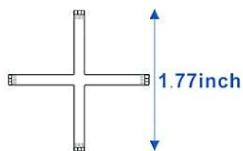
ETL listed, Input: AC100-240V
Output: 12V 2A, 24W

3. Straight connectors



Can go through mostly gap

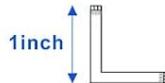
4. Cross connector * 2



6. U style connector * 1



5. 90 degree connector * 5



7. Cable holder * 2



To fix the DC plug to prevent it from falling.

Figure 6: Detailed diagram of LED strip dimensions and included accessories.

5.4 Power Connection

5. Connect the power adapter to the end of your assembled LED strip configuration.
6. Plug the power adapter into a standard electrical outlet.
7. Use the included cable holders to secure the power cable and prevent it from falling or being accidentally disconnected.



Figure 7: Example of using long connectors to bridge separate cabinets.

6. OPERATING INSTRUCTIONS

Once the LED light kit is fully installed and connected to power, you can operate it using the inline switch on the power cable.

- **Power On/Off:** Press the button on the inline switch to turn the lights on or off.
- **Brightness Adjustment:** The inline switch may also feature touch controls for adjusting brightness levels. Refer to the specific switch design for detailed operation.

7. MAINTENANCE

- **Cleaning:** To clean the LED strips, ensure the power is disconnected. Gently wipe the strips with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Adhesive Longevity:** Over time, the adhesive tape may lose its stickiness, especially in areas with temperature fluctuations or high humidity. If strips begin to detach, clean the surface and reapply with new double-sided adhesive tape suitable for the application.
- **Component Check:** Periodically inspect all connections and cables for any signs of wear or damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	<ul style="list-style-type: none">◦ Power adapter not plugged in.◦ Loose connection between strips or to power adapter.◦ Power outlet is not functioning.◦ Damaged power adapter or LED strip.	<ul style="list-style-type: none">◦ Ensure the power adapter is securely plugged into a working outlet.◦ Check all connections to ensure they are firm.◦ Test the outlet with another device.◦ Contact customer support if components appear damaged.

Problem	Possible Cause	Solution
Some sections of the LED strip are not lighting up.	<ul style="list-style-type: none"> Loose connection at a connector point. Damaged segment of the LED strip. 	<ul style="list-style-type: none"> Inspect and re-secure connections between strips. If a segment is damaged, it may need to be replaced.
Lights are flickering.	<ul style="list-style-type: none"> Unstable power connection. Faulty power adapter. 	<ul style="list-style-type: none"> Check all power connections. Try plugging into a different outlet.
One strip turned yellow (color shift).	<ul style="list-style-type: none"> Manufacturing defect or component degradation. 	<ul style="list-style-type: none"> Contact customer support for a replacement.

9. WARRANTY AND CUSTOMER SUPPORT

WOBANE products are designed for quality and reliability. For any questions, technical assistance, or warranty inquiries, please contact WOBANE customer support.

You can find more information and contact details on the official WOBANE store: [WOBANE Store on Amazon](#).

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