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› Lightkiwi E7574 Dimmable LED Under Cabinet Lighting 4 Panel Kit (3000K) Instruction Manual

Lightkiwi E7574

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INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Lightkiwi E7574 Dimmable LED Under Cabinet Lighting 4 Panel Kit. Please read this manual thoroughly before installation and retain it for future reference.

SAFETY INFORMATION

- Always disconnect power before installing, servicing, or cleaning the fixture.
- This product is designed for indoor use only. Do not expose to water or moisture.
- Ensure all connections are secure and comply with local electrical codes.
- Do not attempt to modify the product. Any modifications may void the warranty and create safety hazards.
- The product is UL-Listed, indicating it meets specific safety standards.

PACKAGE CONTENTS

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

- 4 x 12-inch LED Light Panels
- 1 x 12 Watt Power Supply
- 1 x Dimmer Switch
- 1 x 4-Way Splitter
- Modular Connectors
- Mounting Brackets with Screws
- 3ft Interconnect Cables

12 inch Modular LED Light Panel

Ultra-Thin. Only 0.35 inch thin.

Ultra-Light. Only weight 3.6 ounces.

Ultra-Sturdy. Aluminum body for exceptional durability.



12 Watt Power Supply

Connect Up-to
four 12 inch Modular LED Light Panel.



Lightkiwi
12 inch Modular LED Light Panel
and 12 Watt Power Supply have
been UL Listed to ensure its
safety and quality.



Image: Overview of the Lightkiwi E7574 kit components, including LED panels, power supply, dimmer switch, 4-way splitter, modular connectors, mounting brackets, and interconnect cables.

PRODUCT FEATURES

- **Professional Grade Lighting:** Provides clear, vivid, and distinguishable light while consuming less energy.
- **Dimmable:** Features continuous 0% - 100% flicker-free dimming with the included inline electric dimmer switch.
- **Expandable Design:** The modular LED under cabinet lighting kit can be expanded by using a power supply with higher wattage, allowing for increased configuration without overburdening the product.
- **UL-Listed:** Panels and power supply are UL-Listed, ensuring compliance with regulatory safety requirements.
- **Memory Function:** The dimmer switch retains its previous brightness and power settings, making it compatible with wall on/off switches or plug-in timers.
- **Low Profile:** Ultra-thin design (0.35 inches) with an aluminum body for durability.

SETUP AND INSTALLATION

1. Planning Your Layout

Before installation, determine the desired placement of each LED panel. Consider the length of interconnect cables and the location of the power outlet and dimmer switch.

2. Connecting Components

Connect the LED panels to each other using either the modular connectors for a continuous strip or the 3ft interconnect cables for spacing between panels. Connect the assembled panels to the 4-way splitter, then connect the dimmer switch to the splitter, and finally the power supply to the dimmer switch. Ensure all connections are firm.

Current Selection

3000 Kelvin

Warm White

Suitable for Living Spaces.

- Similar to Incandescent Light Bulb.
- Ideal for Kitchen, Living room, Bedroom, Hallway, Bathroom, Cupboard, and More.
- More Relaxing for the Eyes, Softens the Skin Tone and Reduces Imperfections.

6000 Kelvin

Cool White

Suitable for Commercial Lighting and Task Lighting.

- Similar to Fluorescent Lamp.
- Ideal for Kitchen, Office, Study, Bathroom, Cupboard, Retail, Commercial, Art Studios, Laundry, Garage, and More.
- More Energetic Feel, Greatest Contrast among Colors.

THERE ARE NO RULES - THE CHOICE IS ABOUT PERSONAL PREFERENCE AND USE.

Image: Connection options for LED panels, illustrating the use of interconnect cables and modular connectors.

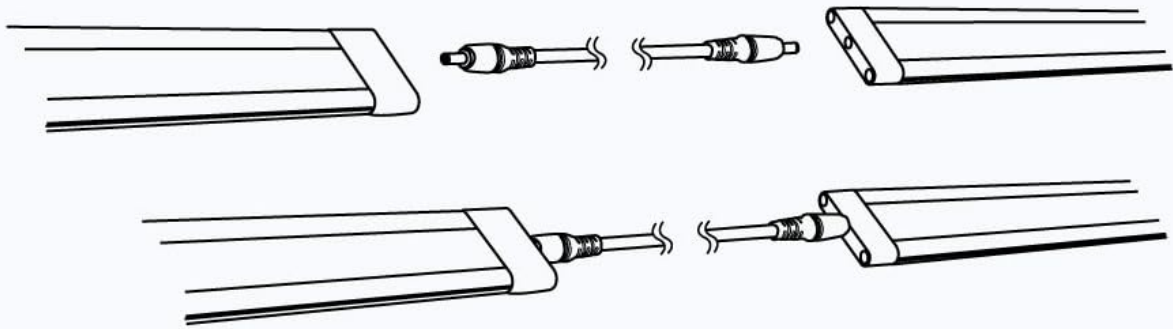
3. Mounting the LED Panels

You have two primary options for mounting the LED panels:

- **Mounting Brackets with Screws (Permanent Use):** Secure the mounting brackets to your desired surface using the provided screws. Snap the LED panels into the brackets.
- **Double-Sided Adhesive Tape (Temporary Use):** Apply double-sided adhesive tape (not included, but often used for temporary installations) to the back of the LED panels and press them firmly onto the surface.

Connection Options

Interconnect Cable (To Connect LED Light Panels Together)



Modular Connector (To Make LED Light Panel Longer)

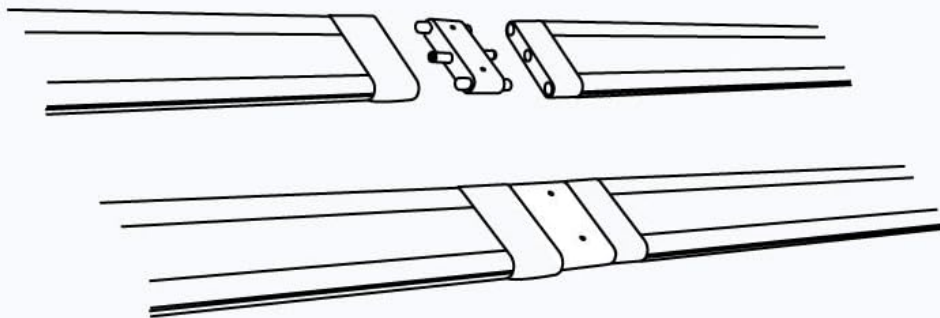


Image: Installation options for LED panels, detailing bracket mounting and adhesive tape application.

4. Hardwire Installation (Optional)

If you intend to use a wall dimmer switch (110V), a hardwire installation with a dimmable 24VDC transformer is required. The included plug-in power supply is not compatible with 110V wall dimmer switches due to voltage differences. If a 24V dimmer switch is used with a plug-in power supply, you may need to splice the power plug from the power cord and connect it to the power source using a junction box or similar method. Consult a qualified electrician for hardwire installations.

OPERATING INSTRUCTIONS

Using the Dimmer Switch

- **Power On/Off:** Press the power button on the dimmer switch to turn the lights on or off.
- **Dimming:** Use the 'DIMMER' buttons (up and down arrows) to adjust the brightness level from 0% to 100%.
- **Memory Function:** The dimmer switch will recall the last brightness setting when turned back on, even if power is interrupted by a wall switch or timer.

MAINTENANCE

- **Cleaning:** Ensure the power is off before cleaning. Wipe the LED panels and other components with a soft, dry cloth.

Do not use abrasive cleaners or solvents.

- **Inspection:** Periodically check all connections for tightness and ensure no cables are pinched or damaged.
- No user-serviceable parts are inside the LED panels or power supply.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the unit; loose connections; faulty dimmer switch or power supply.	Check power outlet; ensure all cables are securely connected; test with a different power supply or bypass dimmer if possible.
Lights flicker or dim unexpectedly.	Loose connections; incompatible power supply wattage; dimmer malfunction.	Verify all connections; ensure power supply wattage matches requirements; replace dimmer switch if necessary.
Dimmer switch not responding.	Dimmer switch not properly connected; faulty dimmer switch.	Check dimmer connections; replace dimmer switch.

SPECIFICATIONS

Feature	Detail
Model Number	E7574
Light Color	Warm White (3000 Kelvin)
Brightness	1120 Lumen (Total for 4 panels)
Wattage	12 Watts (Total for 4 panels)
Voltage	24 Volts DC
Panel Dimensions (Each)	11.75 inches (L) x 1.30 inches (W) x 0.35 inches (H)
Power Supply Dimensions	2.70 inches (L) x 1.92 inches (W) x 1.04 inches (H)
Material	Aluminum Body (Panels), Plastic (Shade)
Certification	UL Listed
Control Method	Push Button Dimmer Switch
Indoor/Outdoor Usage	Indoor



Image: Detailed dimensions of the 12-inch LED light panel and the 12-watt power supply, highlighting their ultra-thin and ultra-light design, and UL certification.

WARRANTY INFORMATION

This Lightkiwi product is covered by a **3-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please visit the official Lightkiwi store or contact their customer service department. Refer to your product packaging or the Lightkiwi website for current contact information.