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› PureOptics LED Under Cabinet Lighting Kit (LEDUC12-3DK) - User Manual

PureOptics LED LEDUC12-3DK

PureOptics LED Under Cabinet Lighting Kit

Model: LEDUC12-3DK

Brand: PureOptics LED

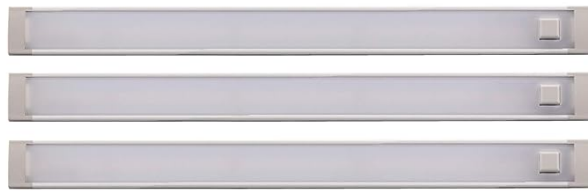
1. INTRODUCTION

Thank you for choosing the PureOptics LED Under Cabinet Lighting Kit. This kit provides efficient, high-quality lighting for various workspaces, including kitchens, offices, and cubicles. Featuring a tool-free installation, motion sensor, and adjustable brightness, this lighting solution enhances visibility and comfort.

2. PACKAGE CONTENTS

Before beginning installation, please verify that all components are present:

All-inclusive kit for immediate use



Light Bars (x3)



Bar Mounting Clips (x10)



Wire Mounting Clips (x12)



Rare Earth Magnets (x12)



Control Box (x1)



Jumper Extender (x1)



4" Jumper Wire (x3)



30" Jumper Wire (x2)



12" Jumper Wire (x1)



AC Adapter (x1)

Image: All components included in the PureOptics LED Under Cabinet Lighting Kit.

- 3 x LED Light Bars (with Power Button)
- 1 x Control Box
- 1 x AC Adapter
- 10 x Bar Mounting Clips
- 12 x Magnetic Bar Mounting Clips
- 12 x Wire Mounting Clips
- 6 x Mounting Screws
- 1 x Jumper Extender
- 3 x 4" Jumper Wires
- 1 x 12" Jumper Wire
- 2 x 30" Jumper Wires

3. SETUP AND INSTALLATION

The PureOptics LED Under Cabinet Lighting Kit is designed for tool-free installation using either self-adhesive mounts or magnetic options. Follow these steps for a secure setup:

3.1 Mounting the Light Bars



TOOL-FREE INSTALLATION

Easy, tool-free DIY installation
with magnetic mount option



Image: Step-by-step visual guide for tool-free installation, including plugging in the power adapter, attaching the light bar with clips, and connecting the jumper wire.

1. **Prepare Surface:** Ensure the mounting surface under your cabinet is clean, dry, and smooth for optimal adhesion.
2. **Attach Mounting Clips:** Decide between adhesive or magnetic mounting. For adhesive, peel the backing from the bar mounting clips and press firmly onto the desired location. For metal surfaces, use the magnetic clips.
3. **Secure Light Bars:** Snap the LED light bars into the attached mounting clips. Ensure they are securely fastened.
4. **Connect Light Bars:** Use the provided jumper wires to connect the light bars to each other and to the control box. The kit includes various lengths (4", 12", 30") to accommodate different cabinet layouts.
5. **Connect Control Box:** Plug the control box into the AC adapter.
6. **Power On:** Plug the AC adapter into a standard electrical outlet.

3.2 Hiding and Routing Jumper Wires

For a clean and professional installation, you can route the jumper wires through drilled holes in your cabinet trim. This video demonstrates the process:

Your browser does not support the video tag.

Video: Instructions on how to hide and route jumper wires for a seamless under-cabinet lighting installation. This video demonstrates marking drill spots, drilling holes, and feeding wires through to connect light bars.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Brightness Adjustment



DIMMER BUTTON

10 brightness levels
with memory function
for last setting used

Image: A close-up of a finger pressing the dimmer button on the LED light bar, indicating brightness adjustment.

- **Manual Control:** Each light bar features a power button. Press the button to turn the light on or off.
- **Brightness Levels:** The light bars offer 10 adjustable brightness levels. Press and hold the power button to cycle through the brightness settings. Release the button at your desired level. The system includes a memory function that recalls the last brightness setting used.

4.2 Motion Sensor Functionality

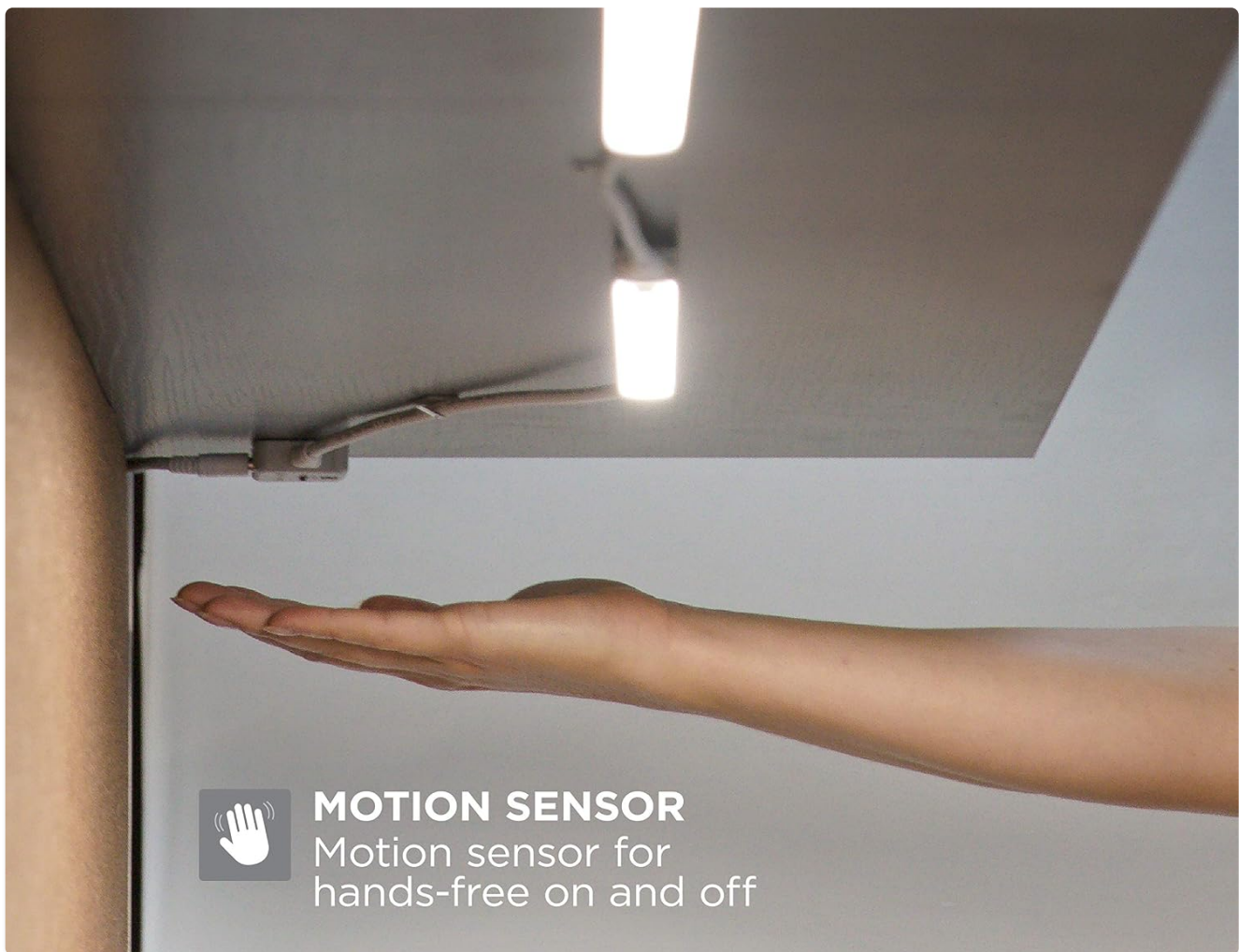


Image: A hand activating the motion sensor under an installed LED light bar, illustrating hands-free operation.

- The built-in motion sensor allows for hands-free operation. When enabled, the lights will turn on automatically when motion is detected and turn off after a period of inactivity.
- Refer to the control box or individual light bar instructions for specific details on enabling or disabling the motion sensor feature.

4.3 Automatic Shutoff Timer

- For energy efficiency, the lights feature an optional automatic shutoff after three hours of continuous operation.
- Consult the control box instructions for activating or deactivating this timer function.

5. MAINTENANCE

To ensure the longevity and optimal performance of your PureOptics LED Under Cabinet Lighting Kit, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the light bars and control box with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the components.
- **Inspection:** Periodically check all connections and mounting points to ensure they remain secure.
- **LED Lifespan:** The LEDs are designed for a long lifespan of approximately 50,000 hours and do not require replacement.

6. TROUBLESHOOTING

If you encounter any issues with your lighting kit, please refer to the following common solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, or faulty adapter.	Check if the AC adapter is securely plugged into the outlet and the control box. Ensure all jumper wires are firmly connected. Test the outlet with another device.
Lights flicker or are dim.	Loose connection, power supply issue, or incorrect brightness setting.	Verify all connections. Adjust the brightness level using the power button. Ensure the power adapter is functioning correctly.
Motion sensor not responding.	Sensor obstructed, incorrect setting, or insufficient motion.	Ensure the motion sensor is not blocked. Check the control box settings to confirm the motion sensor is enabled. Ensure motion is within the sensor's detection range.
Automatic shutoff occurs too soon/not at all.	Timer setting configured incorrectly.	Review the control box instructions for adjusting or disabling the automatic shutoff timer.

If these steps do not resolve the issue, please contact customer support.

7. SPECIFICATIONS



LIGHT OUTPUT

Each 12" bar illuminates surfaces up to 36" with an expansive, flicker-free light zone



Image: The PureOptics LED light bar demonstrating its light output, providing 1290 lumens of illumination.

Feature	Detail
Model Number	LEDUC12-3DK
Light Source	LED
Number of Light Bars	3
Light Bar Length	12 inches each
Brightness	1290 Lumens (total)
Color Temperature	5000 Kelvin (Daylight)
Wattage	24 watts
Voltage	24 Volts
Control Method	Touch (Push Button)
Mounting Type	Magnetic Mount, Under Cabinet
Special Features	Dimmable, Motion Sensor, Automatic 3-hour Shutoff
Material	Aluminum, Metal, Plastic
Indoor/Outdoor Usage	Indoor
Manufacturer	Amax Inc.
UPC	077914058656

8. WARRANTY AND SUPPORT

8.1 Manufacturer's Warranty

This PureOptics LED Under Cabinet Lighting Kit (LEDUC12-3DK) 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.

8.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact PureOptics LED customer support. Refer to the product packaging or the official PureOptics LED website for the most current contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question