

[Manuals.plus](#) /

› [PureOptics LED](#) /

› BLACK+DECKER LED Under Cabinet Lighting Kit User Manual

PureOptics LED LEDUC9-3WK

BLACK+DECKER LED Under Cabinet Lighting Kit

MODEL: LEDUC9-3WK

User Instruction Manual

Introduction

The BLACK+DECKER LED Under Cabinet Lighting Kit provides warm, rich accent lighting with an expansive light zone, designed to remain hidden for a clean, contemporary aesthetic. This kit is ideal for enhancing illumination in various spaces, from large kitchens to small nooks. It features a tool-free installation process, motion sensor activation, and dimmable brightness levels for customized lighting.

Product Features

- **Ultra-slim, Linkable Design:** Provides maximum illumination with a minimal footprint.
- **Motion Sensor:** Offers hands-free convenience for powering lights on and off.
- **10 Dimmable Brightness Levels:** Customize the light intensity to suit any task or ambiance.
- **Warm White Color Temperature (2700K):** Creates a calm and inviting atmosphere.
- **Tool-Free Installation:** Simple and quick setup transforms any space in minutes, simply plug in.
- **Energy Efficient LEDs:** Uses 85% less energy and provides brilliant illumination for up to 50,000 hours.
- **Automatic Shut-off Timer:** Lights automatically turn off after three hours for energy efficiency.

Package Contents

All-inclusive kit for immediate use



Light Bars (x3)



Bar Mounting Clips (x10)



Control Box (x1)



30" Jumper Wire (x2)



12" Jumper Wire (x1)



Jumper Extender (x1)



4" Jumper Wire (x3)



Wire Mounting Clips (x12)



AC Adapter (x1)

Figure 1: Complete kit contents including light bars, cables, and mounting hardware.

Your BLACK+DECKER LED Under Cabinet Lighting Kit (LEDUC9-3WK) includes the following components:

- Light Bars (x3)
- Control Box (x1)
- AC Adapter (x1)
- 30-inch Jumper Wires (x2)
- 12-inch Jumper Wire (x1)
- 4-inch Jumper Wires (x3)
- Jumper Extender (x1)
- Light Bar Mounting Clips (x10)
- Wire Mounting Clips (x12)

Setup and Installation

The BLACK+DECKER LED Under Cabinet Lighting Kit is designed for DIY tool-free installation, making setup quick and easy. Follow these steps for optimal placement and functionality.

1. Planning Your Layout

Before installation, plan the arrangement of your light bars and cables. Each 9-inch bar can illuminate surfaces up to 36

inches wide. The kit includes various jumper wire lengths (4-inch, 12-inch, 30-inch) and a jumper extender to accommodate different cabinet configurations, including jumping over appliances like a stove.

LIGHT ZONE

Each bar illuminates cabinets up to 36"



Figure 2: Each light bar effectively illuminates an area up to 36 inches.

2. Mounting the Light Bars

The light bars and wire clips come with strong 3M adhesive for secure mounting. No drilling or tools are required for typical installations. Simply peel the backing and press firmly onto a clean, dry surface under your cabinets.



TOOL-FREE INSTALLATION

Easy, DIY installation—no tools required



Figure 3: Tool-free installation process, from plugging in the adapter to mounting the light bars.

Ensure the surface is clean and free of dust or grease for optimal adhesion. Position the light bars to provide desired illumination across your countertop.

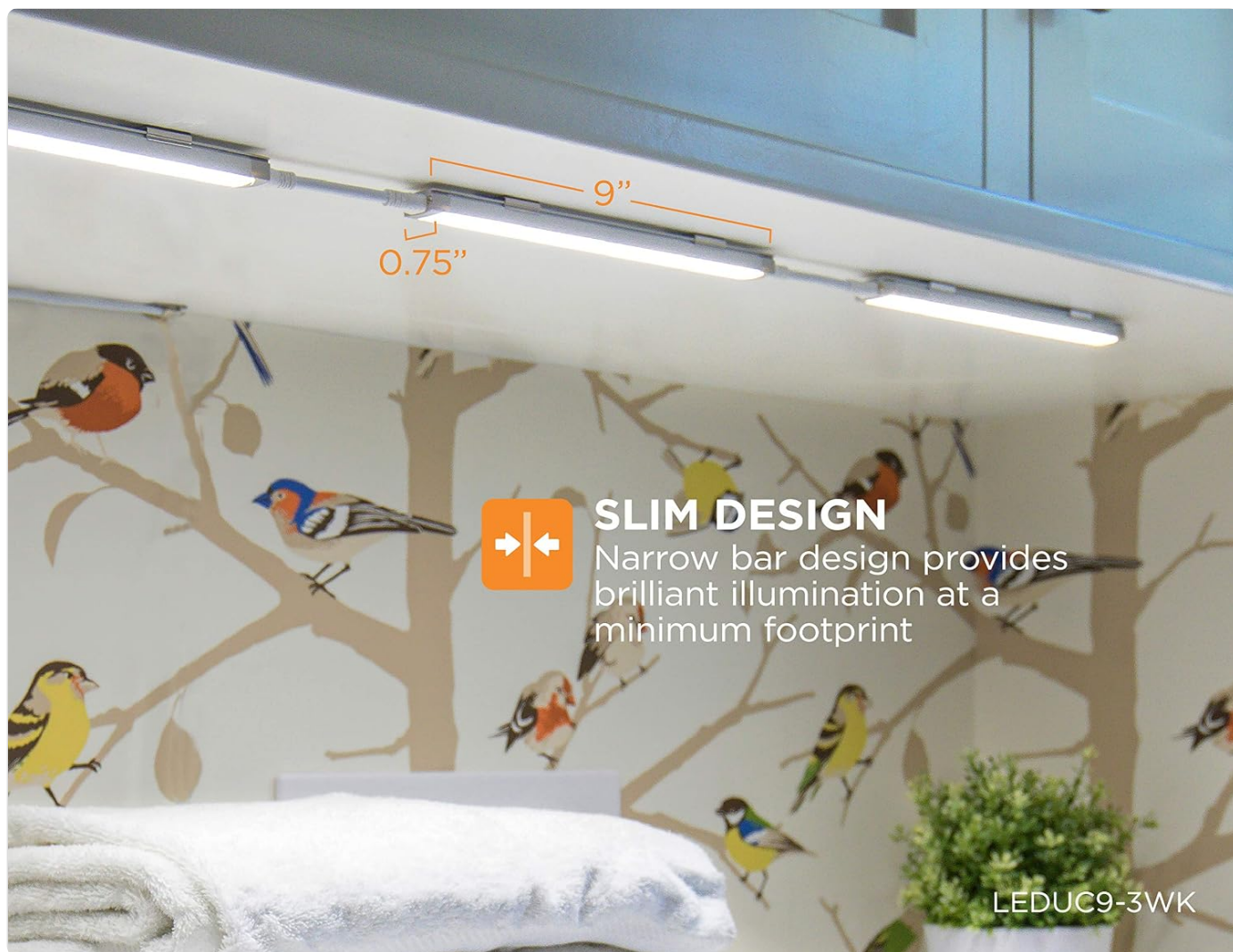


Figure 4: The slim design of the light bars ensures they remain discreetly hidden.

3. Connecting the System

Connect the light bars to the control box using the provided jumper wires. The control box then connects to the AC adapter, which plugs into a standard wall outlet. Use the wire mounting clips to neatly route and secure all cables, ensuring a clean and professional appearance.



LIGHT OUTPUT

Each 9" bar illuminates surfaces up to 36" with an expansive, flicker-free light zone



Figure 5: High light output of 1080 lumens per 9-inch bar provides ample illumination.

Installation Video

Your browser does not support the video tag.

Video 1: Official BLACK+DECKER overview of the LED Under Cabinet Lighting Kit, demonstrating its features and ease of installation.

Operating Instructions

Motion Sensor Activation

The built-in motion sensor allows for convenient, touch-free operation. Simply wave your hand below the sensor to turn the lights on or off. This feature is particularly useful in kitchen environments to maintain hygiene.



TOUCH-FREE ACTIVATION

Motion sensor
keeps hands clean
to help reduce the
spread of germs



Figure 6: Hands-free activation using the motion sensor.

Dimmer Function

Each light bar features a dimmer button, offering 10 preset brightness levels. Press and hold the button to cycle through the brightness settings until you reach your desired illumination. The system remembers your last setting for convenience.



DIMMER BUTTON

10 brightness levels
with memory function
for last setting used

Figure 7: Adjusting brightness with the dimmer button.

Automatic Timer

For enhanced energy efficiency, the lights are equipped with an automatic timer that will shut them off after three hours of continuous operation.

Maintenance

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

- **Cleaning:** Disconnect the power adapter before cleaning. Use a soft, dry cloth to wipe down the light bars and control box. Avoid using abrasive cleaners, solvents, or sprays directly on the components, as they may damage the finish or electronic parts.
- **Adhesive Check:** Periodically check the adhesive on the mounting clips and light bars to ensure they remain securely attached. If any part becomes loose, re-secure it with additional adhesive or appropriate mounting hardware if necessary.
- **Cable Management:** Ensure all cables are neatly secured with the provided wire clips to prevent accidental snagging or damage.

Troubleshooting

If you encounter any issues with your LED Under Cabinet Lighting Kit, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, or motion sensor obstruction.	Ensure the AC adapter is securely plugged into a working outlet. Check all cable connections between light bars, control box, and adapter. Verify the motion sensor is not obstructed and is clean.
Lights flicker or dim unexpectedly.	Loose connection or power supply issue.	Check all connections for tightness. Ensure the power outlet is stable and not overloaded.
Motion sensor is not responsive.	Sensor obstructed or dirty.	Clean the sensor surface with a soft, dry cloth. Ensure there are no objects blocking the sensor's field of view.
Lights turn off too quickly.	Automatic timer activated.	The system has a 3-hour automatic shut-off feature. This is normal operation.

If the issue persists after trying these solutions, please contact customer support.

Specifications

Attribute	Detail
Brand	PureOptics LED
Model Name	BLACK+DECKER Warm Under Cabinet Lighting
Model Number	LEDUC9-3WK
Size	9" 3-Bar Kit
Color Temperature	2700K (Warm White)
Brightness	1080 Lumens (per bar)
Wattage	15 Watts
Voltage	24 Volts
Material	Aluminum, Plastic
Installation Type	DIY Tool-Free (Adhesive)

Attribute	Detail
Special Features	Tool-Free, Dimmable, Motion Sensor, Automatic Timer
Light Source Type	LED
Item Weight	1.33 pounds
Product Dimensions	2.6"L x 4.41"W x 12.44"H
UPC	077914058533

Warranty and Support

Your BLACK+DECKER LED Under Cabinet Lighting Kit comes with a **3-year limited warranty**, covering defects in materials and workmanship under normal use.

For detailed warranty information, technical support, or further assistance, please refer to the official Instructions for Use (IFU) document or contact PureOptics LED customer service.

[Download Official Instructions for Use \(PDF\)](#)

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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

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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