

PureOptics LED LEDUC9-6CCT

BLACK+DECKER PureOptics LED Under Cabinet Lighting Kit

Model: LEDUC9-6CCT

Brand: PureOptics LED

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your BLACK+DECKER PureOptics LED Under Cabinet Lighting Kit. Please read this manual thoroughly before installation and retain it for future reference.

SAFETY INFORMATION

- Ensure power is disconnected before installation or maintenance.
- Do not attempt to modify the product. Any modifications may void the warranty and pose safety risks.
- This product is designed for indoor use only. Do not expose to water or high humidity.
- Keep out of reach of children.
- Use only the provided power adapter and components.

PACKAGE CONTENTS

Verify that all components are present before beginning installation.

Figure 1: All-Inclusive Kit Components

- (6) 9-inch LED Light Bars
- (1) Control Box with Motion Sensor
- (1) AC Adapter
- (1) 12-inch Jumper Wire
- (3) 4-inch Jumper Wires
- (1) 72-inch Jumper Wire

- (5) 30-inch Jumper Wires
- (22) Wire Mounting Clips
- (18) Bar Mounting Clips
- (2) Jumper Extenders

KEY FEATURES

- **Tool-Free Installation:** Simple peel, stick, connect, and plug setup.
- **Motion Sensor:** Integrated sensor for touch-free activation (wave hand within 4 inches).
- **Dimmable Lighting:** 10 brightness levels for adjustable ambiance.
- **Adjustable Color Temperature:** Three white light settings (Warm White 3000K, Natural Light 4000K, Cool White 5000K).
- **Linkable Design:** Connect up to six light bars for expansive coverage.
- **Ultra-Slim Profile:** Provides maximum illumination with minimal footprint.
- **Energy Efficient:** LED technology uses 85% less energy, lasting up to 50,000 hours.

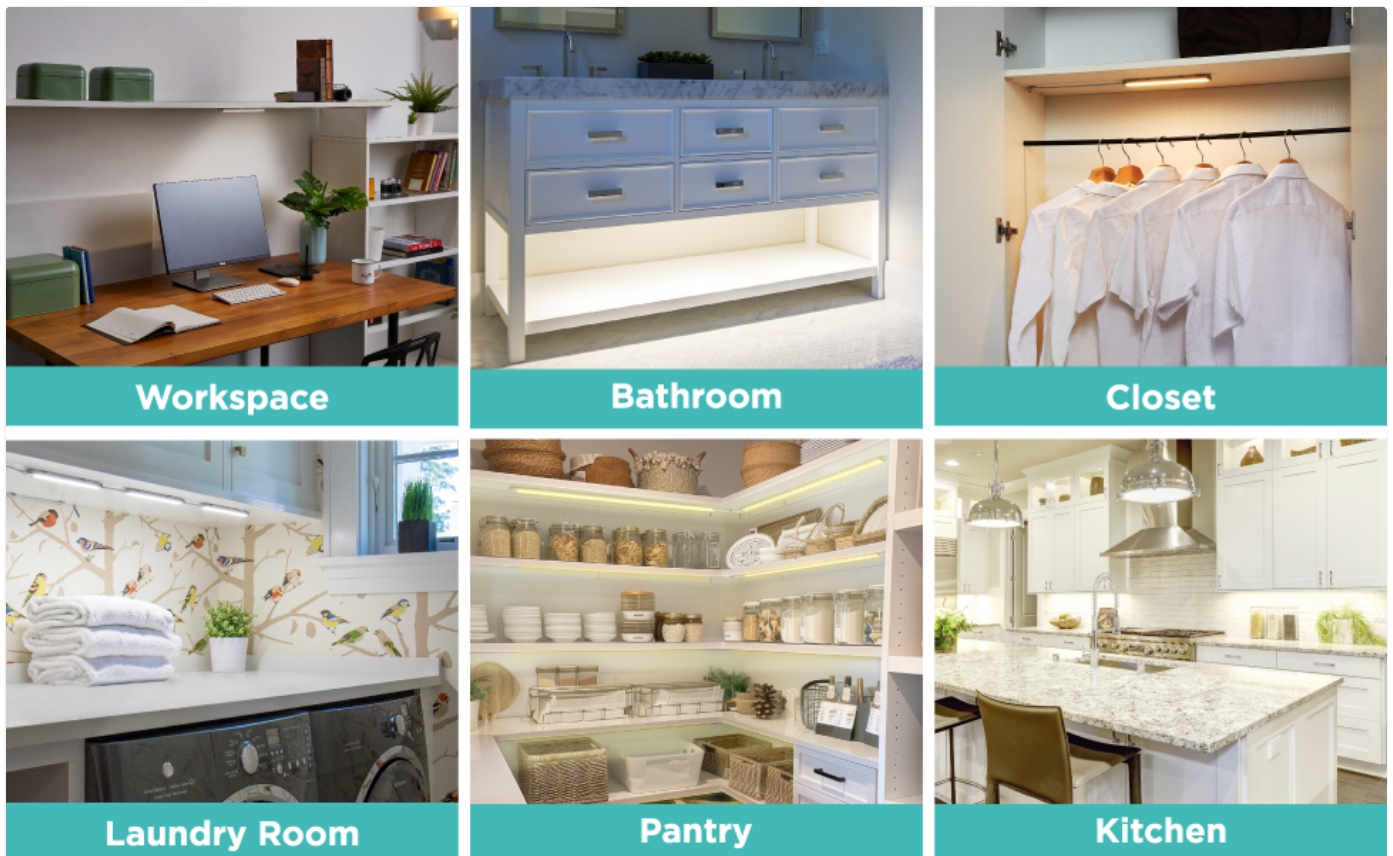


Figure 2: Product Feature Overview

INSTALLATION GUIDE

Follow these steps for a tool-free installation of your LED Under Cabinet Lighting Kit.

Installation Video

Your browser does not support the video tag.

Official instructional video for setting up your BLACK+DECKER PureOptics LED Under Cabinet Lights.

Step-by-Step Instructions

1. **Plan Layout:** Determine the optimal placement for your control box and light bars. The plug and control box are connected by a 6-foot cord. You can connect lights to one or both sides of the control box.



Figure 3: Home Setup Made Easy

2. **Mount Control Box:** Peel the backing from the adhesive on the control box and firmly press it into your desired location under the cabinet.
3. **Mount Light Bars:** Peel the backing from the adhesive on the bar mounting clips. Attach the clips to the underside of your cabinets, ensuring they are spaced appropriately for the light bars. Use the provided spacer to position lights 2.5 inches from the front edge of the cabinet. Securely snap the light bars into the mounted clips.
4. **Connect Light Bars:** Use the provided jumper wires to connect the light bars to each other and to the control box. Ensure all connections are secure.
5. **Organize Wires:** Use the included wire mounting clips to neatly route and secure all wires, ensuring a clean and professional appearance.
6. **Connect AC Adapter:** Plug the AC adapter cord into the control box.
7. **Power On:** Plug the AC adapter into a standard electrical outlet. Your lights are now ready for use.

OPERATING INSTRUCTIONS

Your BLACK+DECKER PureOptics LED Under Cabinet Lighting Kit offers versatile control options.

- **Motion Sensor Activation:** Wave your hand within 4 inches below the motion sensor on the control box to turn the lights ON or OFF.
- **Brightness Adjustment:** Use the dimmer buttons on the control box to cycle through 10 brightness levels.
- **Color Temperature Selection:** Use the color temperature button on the control box to switch between Warm White (3000K), Natural Light (4000K), and Cool White (5000K).

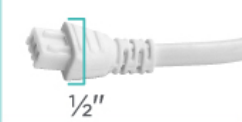
Black+Decker® PureOptics™ Lights	Other Brands' Lights
 Covers More Cabinets High output lights and jumper wires cover 9"-36" cabinet widths	One Size Misses Most Lights only cover 12"-20" cabinet widths
 Thin Jumper Wires Under 1/2" diameter to easily drill holes and hide	Thick Jumper Wires Over 5/8" diameter can't be easily drilled or hidden
 Flexible Installation Route lights off one or both sides of the control box	Limited Installation Lights can only be run in a single direction
 Fits a Full Kitchen Extra long jumper wires and a jumper extender included to jump a stove or sink	Can't Fit a Full Kitchen No stove/sink jumping solution in 1 kit

Figure 4: Adjustable Ambiance Settings

MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Wipe the light bars and control box with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Bulb Replacement:** The LED lights are integrated and not user-replaceable. The LEDs have a long lifespan of up to 50,000 hours.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	Power adapter not plugged in, loose connections, power outlet issue.	Ensure AC adapter is securely plugged into the outlet and control box. Check all jumper wire connections. Test the outlet with another device.
Motion sensor not responding.	Obstruction near sensor, sensor dirty, incorrect hand gesture.	Ensure the sensor area is clear. Clean the sensor with a soft cloth. Wave hand within 4 inches directly below the sensor.
Lights flicker or dim unexpectedly.	Loose connection, power fluctuation.	Check all connections between light bars and the control box. Ensure the power outlet is stable.

SPECIFICATIONS

Attribute	Detail
Brand	PureOptics LED
Model Number	LEDUC9-6CCT
Color	White
Material	Aluminum, Plastic
Style	9 Inches (6 Bars)
Product Dimensions (each bar)	9"L x 0.79"W x 0.39"H
Power Source	Corded Electric
Special Feature	Motion Sensor, Dimmable
Control Method	Touch, Motion Sensor
Light Source Type	LED
Light Color	White (Adjustable: 3000K, 4000K, 5000K)
Number of Light Sources	6
Wattage	10 watts
Brightness	1920 lumens (total)
Lifespan	Up to 50,000 hours
Indoor/Outdoor Usage	Indoor
Assembly Required	Yes
Item Weight	2.07 pounds

WARRANTY AND SUPPORT

This product comes with a **2-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact the manufacturer, Amax Inc., through their official support channels. Refer to the product packaging or manufacturer's website for 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