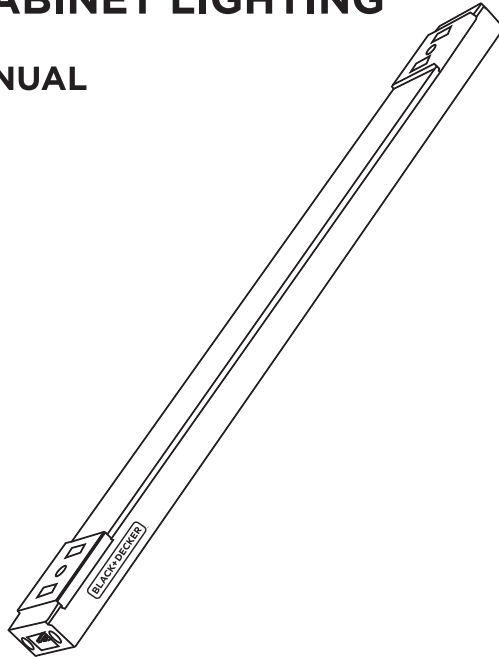


# BLACK+DECKER™

## LED UNDER CABINET LIGHTING

### INSTRUCTION MANUAL

CATALOG NUMBERS  
LEDUC6-3RGBK



Thank you for choosing BLACK+DECKER!

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If you have a question or experience a problem with your Black+Decker purchase, go to [PureOpticsLED.com/Support](http://PureOpticsLED.com/Support). If you can't find the answer or do not have access to the internet, call 1-855-784-4322 from 8 a.m. to 5 p.m. Monday - Friday to speak with an agent. Please have the catalog number available when you call. To find the catalog number, please refer to product packaging.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

To register your new product visit  
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## APPLICATION OPTIONS

### Tool-Free

1. Wipe down the mounting surface with a clean, lint-free cloth.
2. Peel red backing from the adhesive.
3. With the adhesive side facing the mounting surface, place the piece firmly on its desired location and hold for 5 seconds.

### Screw-In

1. Follow the Tool-Free application steps.
2. Remove light bars from bar mounting clips to expose the screw holes. (See FIG. 8) **NOTE:** Skip this step for wire clips as the screw hole is already exposed.
3. Drill 1/16" pilot holes through each exposed screw hole. (See FIG. 9)
4. Secure each mounting clip using the provided mounting screws.

## INSTALLATION TIPS

### Optimal Illumination

For cabinets up to 18" in length, one (1) light bar can be used ; For cabinets over 18" in length, two (2) light bars should be used.

### Light Bar Placement

Use the spacer provided in your kit to help measure and guide the placement of each light bar.

### Linking Light Bars

When connecting your light bars (see Step-by-Step Installation #5) use one of the included jumper wire lengths to daisy chain or use a light bar extender for continuous lighting (See FIG. 11).

### Hiding Jumper Wires

Loop any excess wire at the back of the cabinet joint. If there is space between two side-by-side cabinets, hide excess wire in the opening. (See FIG. 10)

### Running Wires Through Cabinets

**Jumper Wires:** To feed any size jumper wire through a cabinet, use a 1/2" drill bit (not included.) (See FIG. 12)

**AC Adapter Wire:** To feed the AC adapter wire through a cabinet, use a 3/8" drill bit (not included.) (See FIG. 13)

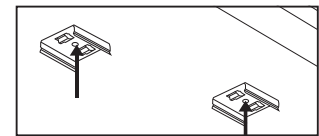


FIG. 8

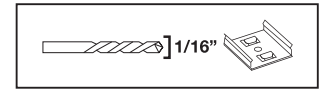


FIG. 9

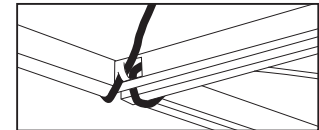


FIG. 10

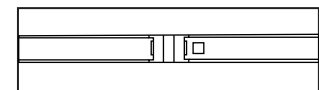


FIG. 11

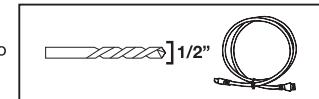


FIG. 12

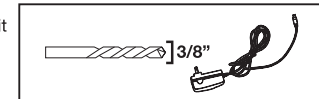


FIG. 13

CATALOG NO.	WATTS	LINKABLE UP TO
LEDU6-3RGBK	6	5 Bars

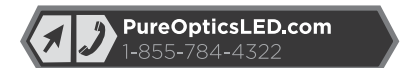
## THREE-YEAR LIMITED WARRANTY

Amax Inc. warrants to the original retail purchaser that the product purchased is free from defects in material and workmanship, and agrees to repair or replace, at Amax's option, any defective BLACK+DECKER™ branded under cabinet lighting product (3) years from the date of purchase. Warranty is not transferable. Proof of purchase date required. This warranty covers only damage resulting from defects in material or workmanship; it does not cover conditions or malfunctions resulting from normal wear, neglect, abuse, accident, or repairs attempted or made by other than our national repair center or authorized warranty service centers. You are responsible for the costs of shipping the defective product to Amax Inc.

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## SAFETY GUIDELINES - DEFINITIONS

It is important for you to read and understand this manual. The information it contains relates to protecting YOUR SAFETY and PREVENTING PROBLEMS. The symbols below are used to help you recognize this information.

**⚠ DANGER:** Indicates an imminently hazardous situation, which if not avoided, will result in death or serious injury and/or property damage.

**⚠ WARNING:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury and/or property damage.

**⚠ CAUTION:** Indicates a potentially hazardous situation, which if not avoided, may result in minor or moderate injury and/or property damage.

**NOTICE:** Used without the safety alert symbol indicates potentially hazardous situation which, if not avoided, may result in property damage.

### IMPORTANT SAFEGUARDS

BLACK+DECKER LED Under Cabinet Lights are intended for indoor home and office use and have not been tested for operation at different voltages or use outdoors. Each of these misuses could damage the light and/or create unsafe operating conditions.

### TO REDUCE THE RISK OF INJURY

Before any use, be sure everyone using this light reads and understands all safety instructions and other information contained in this manual.

**⚠ CAUTION:** Failure to comply with the recommendations outlined in this instruction manual will void warranty.

**⚠ WARNING:** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

### SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

**⚠ WARNING:** To reduce the risks associated with impact and hazardous voltage which, if not avoided, could result in death or serious injury and/or property damage.

- Use indoors and in dry locations only; keep all liquids away from the light.
- Avoid putting the light on an uneven surface to prevent toppling or damage.
- Do not alter or modify the light, ground plug, or polarized plug blades.
- Do not use light with other adapters or voltage supplies.
- Plug the light into grounded, polarized electrical outlet; contact a qualified electrician if a polarized outlet is not available.
- Do not use the light if the power cord or the enclosure is damaged.
- If an extension cord is used, ensure that it is properly rated for your application.
- Do not attempt to disassemble light; product is to be serviced by qualified service personnel only—there are no user serviceable parts inside.
- Always power off and unplug light before cleaning.
- Clean exterior only with a dry, clean cloth; do not immerse light in water to clean.
- Do not use force when adjusting light.
- Do not insert objects into light.
- If any irregularities are detected during use, turn off the switch and unplug the light.

**⚠ WARNING:** To reduce the risks associated with excessive heat and fire which, if not avoided, could result in death or serious injury and/or property damage.

- Avoid usage in high temperature areas.(104°F/40°C)
- Avoid putting light next to heater.
- Lights should not be covered with flammable objects (cloth, paper, etc.)

**⚠ CAUTION:** To reduce the risks associated with environmental contamination which, if not avoided, could result in minor or moderate injury:

- Dispose of task lights in accordance with applicable local government regulations.

### ⚠ WARNING

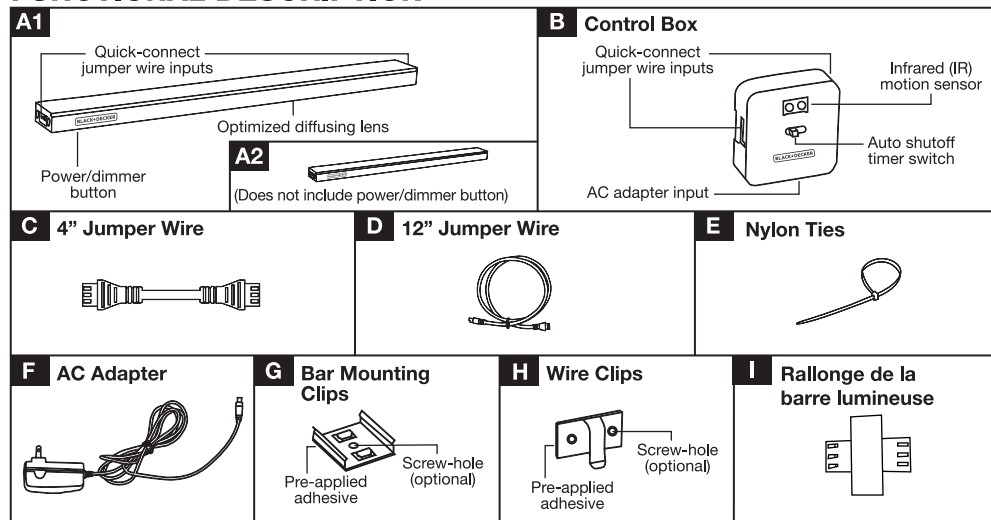
- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

**INTENDED USE:** BLACK+DECKER LED Under Cabinet Lights are intended to provide task lighting indoors. Use in any other application has not been evaluated and may lead to an unsafe condition.

**POLARIZED PLUGS:** Polarized plugs (one blade is wider than the other) are used on equipment to reduce the risk of electric shock. When provided, this plug will fit a polarized outlet in only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

**POWER ADAPTER STANDARDS:** Input — 115V/0.25A; Output — 24VDC/1A

## FUNCTIONAL DESCRIPTION



CATALOG NO.	A1	A2	B	C	D	E	F	G	H	I
LEDUC6-3RGBK	1	2	1	1	2	1	1	8	10	2

## How to Change Color Modes Using the Power Button

To begin, ensure the light bar is turned off.

<b>Cool Light Mode</b>	Press the power button once
<b>Warm Light Mode</b>	Press the power button a second time
<b>Color Changing Mode</b>	Press the power button a third time
<b>Single Color Mode</b>	Press the power button a fourth time to stop on a single color. Press and hold the power button to cycle through single color options and release the button to select.

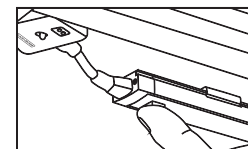


FIG. 1

## How to Use the Dimmer

With the light bar turned on in Cool, Warm or Color Changing light modes, press and hold the power button to cycle through five (5) brightness levels. To select, release the button.

## Memory Function for Single Color Mode

If you've selected a specific color in single color in single color mode that you want to use again, be sure to use the hands-free sensor instead of the power button to turn the lights on and off. The hands-free sensor has a function to remember your last color setting.

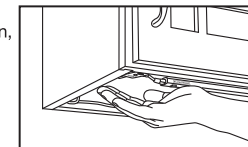


FIG. 2

## Using the Timer

This lighting system is equipped with an optional auto shutoff timer switch that will power the unit off after three (3) hours. To activate, switch to the "on" position. To disable, switch to the "off" position. (See FIG. 3)

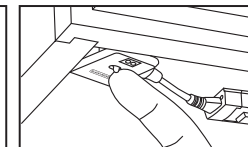


FIG. 3

## ACCESSORIES

The following accessories are available for purchase:

- 108" Stove & Sink Jumper Wire (LEDJUMP108) — See FIG. 4
- Magnets (LEDMAGMT) — See FIG. 5

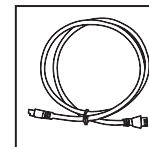


FIG. 4

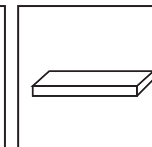


FIG. 5

## CONFIGURATION OPTIONS

**Split Configuration:** For layouts where preferred power source is centrally located within cabinets/mounting surfaces. (See FIG. 6)

**Continuous Configuration:** For layouts where preferred power source is on either side of cabinets/mounting surfaces. (See FIG. 7)

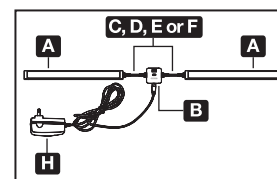


FIG. 6

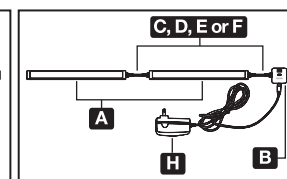
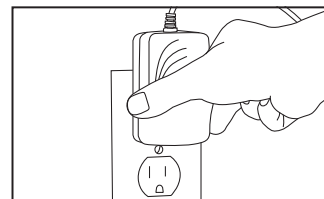


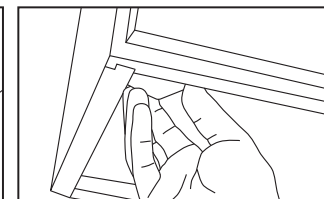
FIG. 7

## STEP-BY-STEP INSTALLATION

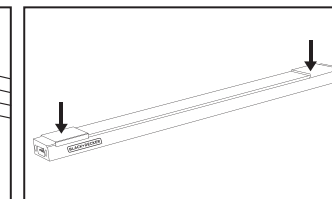
For an instructional video, please visit [PureOpticsLED.com](http://PureOpticsLED.com)



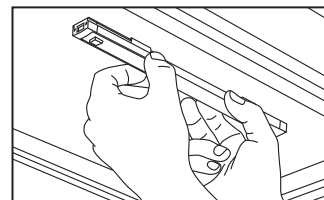
1. Select plug location



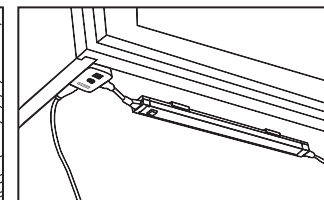
2. Select location of motion sensor and mount control box using Tool-Free application



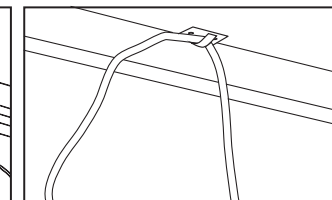
3. Slide two (2) bar mounting clips on to each light bar



4. Mount light bars using Tool-Free or Screw-In application or magnets applied in previous step



5. Using jumper wires, connect control box to first light bar(s) and light bars to each other. Connect AC adapter to control box



6. Use wire clips and/or zip ties to hide all loose wires. For mounting wire clips, use Tool-Free or Screw-In application

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