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> Kobalt 24-Volt Cordless 1000-Lumen LED Area Light Instruction Manual

Kobalt KAL 124B-03

Kobalt 24-Volt Cordless 1000-Lumen LED Area Light Instruction Manual

Model: KAL 124B-03

1. PRODUCT OVERVIEW

The Kobalt 24-Volt Cordless Area Light provides portable illumination for various tasks. It features two LED brightness settings, offering up to 1000 lumens, and can operate in 360-degree or 180-degree radius modes. An integrated USB port allows for charging mobile devices. This tool is compatible with all Kobalt 24-volt batteries and chargers, which are sold separately.



Image 1.1: The Kobalt 24-Volt Cordless Area Light in operation, showing its illumination.

Key Features:

- Two brightness settings, up to 1000 lumens.
- Onboard 2.1A USB port for charging devices.
- Retractable metal hang hook with lock-down feature for versatile placement.
- Selectable 360° and 180° radius lighting modes.
- Strobe mode for emergency situations (activated by long press of power button).
- Durable impact-resistant lens.
- Low battery indicator (low frequency flash).
- Kelvin color temperature: 5000K +/-10%.

2. SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

General Safety Warnings:

- **Battery Safety:** Use only Kobalt 24-volt Lithium-ion batteries. Do not attempt to use other battery

types. Ensure the battery is fully seated before operation.

- **Eye Protection:** Do not stare directly into the light beam. The high intensity light can cause temporary vision impairment or eye damage.
- **Heat:** The LED light head may become warm during extended use. Avoid direct contact with the light head when operating.
- **Flammable Materials:** Do not operate the light near flammable liquids, gases, or dust.
- **Moisture:** This product is not water resistant. Do not expose to rain or wet conditions.
- **Children:** Keep out of reach of children. This is not a toy.
- **Maintenance:** Do not attempt to disassemble or modify the light. Refer all servicing to qualified service personnel.

3. SETUP

3.1. Battery Installation

1. Ensure the area light is turned off.
2. Align the Kobalt 24-volt Lithium-ion battery (sold separately) with the battery port on the base of the area light.
3. Slide the battery into the port until it clicks securely into place. Ensure it is fully seated to prevent accidental disconnection.

3.2. Battery Removal

1. Press and hold the battery release button, typically located on the battery itself.
2. Slide the battery out of the area light.



Image 3.1: Close-up view of the 24V MAX battery port on the area light, where the battery is inserted.

4. OPERATING INSTRUCTIONS

4.1. Powering On/Off and Brightness Adjustment

1. To turn the light on, press the power button located on the control panel.
2. Press the power button again to cycle through brightness settings (e.g., Low, High).
3. To turn the light off, continue pressing the power button until the light extinguishes, or press and hold the power button for a few seconds.

4.2. Adjusting Lighting Radius (360°/180°)

The area light offers two lighting modes: full 360-degree illumination or a focused 180-degree illumination. Use the mode selection button on the control panel to switch between these modes.

4.3. Strobe Mode

For emergency situations, the light features a strobe mode. To activate, press and hold the power button for an extended period (typically 2-3 seconds) while the light is on.



Image 4.1: Detailed view of the control panel, showing the power button and mode selection button.

4.4. Using the USB Charging Port

The integrated 2.1A USB port allows you to charge compatible mobile devices. Connect your device's USB charging cable to the port on the area light. The light does not need to be on for the USB port to function, provided a charged battery is installed.



Image 4.2: Close-up of the USB charging port located on the side of the area light.

4.5. Utilizing the Hang Hook

The area light is equipped with a retractable metal hang hook. Pull the hook out from its stored position to hang the light from various objects, such as rafters, pipes, or tent poles. Ensure the hook is securely engaged to prevent the light from falling.



Image 4.3: The retractable metal hang hook extended from the top of the area light.

5. MAINTENANCE

5.1. Cleaning

- Before cleaning, remove the battery from the area light.
- Use a soft, damp cloth to wipe down the exterior of the light. Do not use harsh chemicals or abrasive cleaners.
- Ensure all vents and openings are free from dust and debris.

5.2. Storage

- Store the area light in a dry, cool place, away from direct sunlight and extreme temperatures.
- Remove the battery from the light during long periods of storage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	Battery not installed correctly or discharged.	Ensure battery is fully seated. Charge the battery using a compatible Kobalt 24-volt charger.
Light output is dim.	Battery is low or light is in low brightness mode.	Charge the battery. Press the power button to cycle to a higher brightness setting.
USB port not charging devices.	Battery is discharged or device is incompatible.	Ensure a charged battery is installed. Verify device compatibility with 2.1A USB output.
Light flashes intermittently.	Low battery indicator.	Charge the battery immediately.

7. SPECIFICATIONS

Feature	Detail
Model Number	KAL 124B-03
Brand	Kobalt
Light Source Type	LED (Light Emitting Diode)
Voltage	24 Volts
Wattage	10 watts
Max Lumens	Up to 1000 lumens
Color Temperature	5000K +/-10%
USB Output	2.1A
Power Source	Battery Powered (Kobalt 24V Li-ion)
Batteries Included	No
Material	Plastic
Water Resistance Level	Not Water Resistant
Item Dimensions (L x W x H)	11.02"L x 3.54"W x 3.74"H
Item Weight	0.5 Kilograms

KOBALT 24V AREA LIGHT

- 1 Up to 1100 lumens in 360, or 180 degree mode
- 2 Charge your devices with the rear USB output
- 3 High, low, and strobe options
- 4 Retractable metal hang-hook with lock-down functionality



Image 7.1: Diagram highlighting key features of the Kobalt 24V Area Light, including lumen output, USB port, control options, and hang hook.

8. WARRANTY INFORMATION

This Kobalt 24-Volt Cordless Area Light comes with a **5-year limited warranty**. For specific terms and conditions of the warranty, please refer to the documentation included with your purchase or contact customer support.

9. SUPPORT AND CONTACT INFORMATION

For technical assistance, warranty claims, or general inquiries regarding your Kobalt product, please visit the manufacturer's website:

www.lowes.com