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## Koda 54172

# KODA Multi-Directional Ultra Bright 8000 Lumen LED Shop Light User Manual

Model: 54172

## INTRODUCTION

The KODA Multi-Directional Ultra Bright 8000 Lumen LED Shop Light is designed to provide powerful and versatile illumination for various workspaces such as workshops, garages, and basements. This lightweight fixture offers 8000 lumens of bright LED light and can be installed using either surface or suspended mounting methods. It features multiple lighting modes, allowing you to adjust the brightness to suit your needs.

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your KODA LED Shop Light.



Figure 1: The KODA LED Shop Light, designed for overhead illumination, shown suspended from a ceiling by its included chains.

## SAFETY INFORMATION

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- Read all instructions before installation and operation.
- Ensure power is disconnected before installing or servicing the fixture.
- Do not look directly into the LED light source when illuminated.
- This fixture is designed for indoor use in dry locations.
- Do not attempt to modify or repair the fixture. Contact qualified personnel for service.

## PACKAGE CONTENTS

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Verify that all components are present before beginning installation:

- KODA Multi-Directional Ultra Bright 8000 Lumen LED Shop Light Fixture
- Mounting Hardware (chains, hooks, screws, anchors)
- 5 ft. Plug-in Power Cord

## SETUP AND INSTALLATION

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The KODA LED Shop Light can be installed using either suspended mounting or surface mounting. Ensure the mounting surface is capable of supporting the weight of the fixture.

### Suspended Mounting

1. Identify suitable mounting points on the ceiling or overhead structure.
2. Install the provided hooks or eye bolts into the mounting points, ensuring they are securely fastened.
3. Attach the chains to the fixture's mounting loops and then to the installed hooks. Adjust chain length to achieve desired height.
4. Ensure the fixture is level and securely suspended.

### Surface Mounting

1. Mark the desired mounting locations on the ceiling or wall.
2. Drill pilot holes and install the provided screws or anchors, leaving a small gap for the fixture to slide onto.
3. Align the fixture's keyhole slots with the installed screws and slide the fixture into place. Tighten screws to secure.

### Power Connection

1. Locate the power input port on the fixture.
2. Connect the 5 ft. plug-in power cord to the fixture's power input port.
3. Plug the power cord into a standard 120V AC electrical outlet.



Figure 2: Close-up of the power input port on the KODA LED Shop Light, where the power cord connects.

### Linking Multiple Fixtures

Up to 6 KODA LED Shop Lights can be linked in a series. To link fixtures:

1. Install the first fixture as described above.
2. Connect the linking cable (not included, typically sold separately) from the output port of the first fixture to the input port of the second fixture.
3. Repeat for additional fixtures, up to a maximum of 6 units.
4. Ensure the total wattage of linked fixtures does not exceed the circuit's capacity.



Figure 3: An example installation showing two KODA LED Shop Lights illuminating a garage workshop area, demonstrating their multi-directional light output.

## OPERATING INSTRUCTIONS

The KODA LED Shop Light offers three distinct lighting modes: Ambient, Main, and Full Brightness. These modes can be selected using either the integrated pull chain switch or by cycling the wall switch connected to the fixture's power source.

### Using the Pull Chain Switch

- Pull the chain once to turn the light ON to the first mode (e.g., Ambient).
- Pull the chain again to cycle to the next mode (e.g., Main).
- Continue pulling the chain to cycle through all available modes.
- After the last mode, pulling the chain will turn the light OFF.



Figure 4: Detail of the pull chain switch, used to cycle through the light's operating modes.

### Using a Wall Switch

- If the fixture is connected to a wall switch, simply flip the wall switch OFF and then ON again to cycle through the lighting modes.
- Each OFF/ON cycle will advance the light to the next mode.

## MAINTENANCE

The KODA LED Shop Light is designed for minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the exterior of the fixture. Do not use abrasive cleaners, solvents, or cleaners containing alcohol, as these can damage the finish or electrical components.
- **Inspection:** Periodically inspect the power cord and mounting hardware for any signs of wear, damage, or loose connections. Address any issues promptly.
- **LEDs:** The LED light source is integrated and not user-replaceable. The fixture has a long lifespan of up to 50,000 hours.

## TROUBLESHOOTING

If you encounter issues with your KODA LED Shop Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn ON.	No power supply. Loose connection.	Ensure the power cord is securely plugged into a working outlet. Check circuit breaker.
Light turns OFF unexpectedly or flickers.	Overheating (in hot environments). Loose connection.	Ensure adequate ventilation around the fixture. Check power connections. If problem persists, discontinue use.
Light cycles modes unexpectedly when using a wall switch.	Normal operation for mode selection.	This is how the fixture is designed to cycle through Ambient, Main, and Full Brightness modes.
Interference with Wi-Fi or other electronics.	Electromagnetic interference (EMI).	Ensure the fixture is properly grounded. Try relocating the fixture or affected electronic devices.

## SPECIFICATIONS

Feature	Detail
Model Number	54172
Light Output	8000 Lumens
Wattage	80 Watts
Voltage	120 Volts
Light Source Type	LED (Light Emitting Diode)
Material	Plastic
Finish Type	Painted

Feature	Detail
Mounting Type	Ceiling Mount (Suspended or Surface)
Product Dimensions (L x W x H)	47.24" x 5.51" x 2.76"
Item Weight	4.34 pounds
Power Source	Corded Electric
Certifications	ETL, ENERGY STAR certified
Lifespan	Up to 50,000 hours
Linkable	Up to 6 fixtures

## WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the documentation included with your purchase or contact the manufacturer directly. Koda is the brand for this product.

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