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› Miady RV LED Interior Light (Model RVCL032) Instruction Manual

Miady RVCL032

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INTRODUCTION

Thank you for choosing the Miady RV LED Interior Light. This manual provides essential information for the safe installation, operation, and maintenance of your new 12V LED ceiling light. This light features 1500 lumens of brightness, 5 levels of dimming, and 3 adjustable color temperatures (3500K-6500K), making it suitable for various vehicle interiors such as cars, trailers, campers, and boats.



Image: Miady RV LED Interior Light, a sleek rectangular silver fixture.

SAFETY INFORMATION

- Ensure the power supply is disconnected before installation or maintenance to prevent electrical shock.
- This product is designed for 10-30 volt DC systems. Do not connect to AC power or voltages outside this range.
- Observe proper wiring polarity: red wire to positive (+), black wire to negative (-). Incorrect wiring can damage the light.
- Do not attempt to modify or disassemble the light fixture. This may void the warranty and create safety hazards.
- Keep the light away from water or excessive moisture, as it is not water-resistant.

PACKAGE CONTENTS

Verify that all components are present in the package:

- 2 x Miady RV LED Interior Lights (Model RVCL032)
- Mounting screws and wire nuts

SPECIFICATIONS

Feature	Specification
Model Number	RVCL032
Voltage	10-30 Volts DC
Wattage	10 Watts
Brightness	1500 Lumens
LED Type	132 pcs 2835SMD LED bulbs
Color Temperature	3500K (Warm White), 4500K (Natural White), 6500K (Cool White)
Dimming Levels	5 levels (20%, 40%, 60%, 80%, 100%)
Dimensions (L x W x H)	16.5" x 6.3" x 0.63" (41.9 cm x 16 cm x 1.6 cm)
Material	Metal
Life Expectancy	Over 60,000 hours
Mounting Type	Surface-Mounted



Image: Diagram illustrating the dimensions of the Miady RV LED Interior Light: 16.5 inches length, 6.3 inches width, and 0.63 inches height.

SETUP (INSTALLATION)

Follow these steps for proper installation:

1. **Prepare for Installation:** Ensure the power supply to the installation area is turned off.
2. **Identify Wiring:** Locate the existing wiring for your ceiling light. The Miady RV LED Interior Light has a red wire for positive (+) and a black wire for negative (-).
3. **Connect Wires:** Connect the red wire from the light to the positive wire of your vehicle's electrical system. Connect the black wire from the light to the negative wire. Use the provided wire nuts to secure the connections.

3 Color Temperature



● 3500K Warm White



● 4500K Natural White



● 6500K Cool White

Image: Close-up view of the red and black wires extending from the back of the light fixture, ready for electrical connection.

4. **Mount the Light:** Position the light fixture in the desired location on the ceiling. Use the provided screws to securely fasten the light in place. The thin design allows for increased headroom.
5. **Test Functionality:** Once mounted, restore power to the circuit and test the light's operation.

OPERATING INSTRUCTIONS

The Miady RV LED Interior Light features integrated controls for power, dimming, and color temperature adjustment.

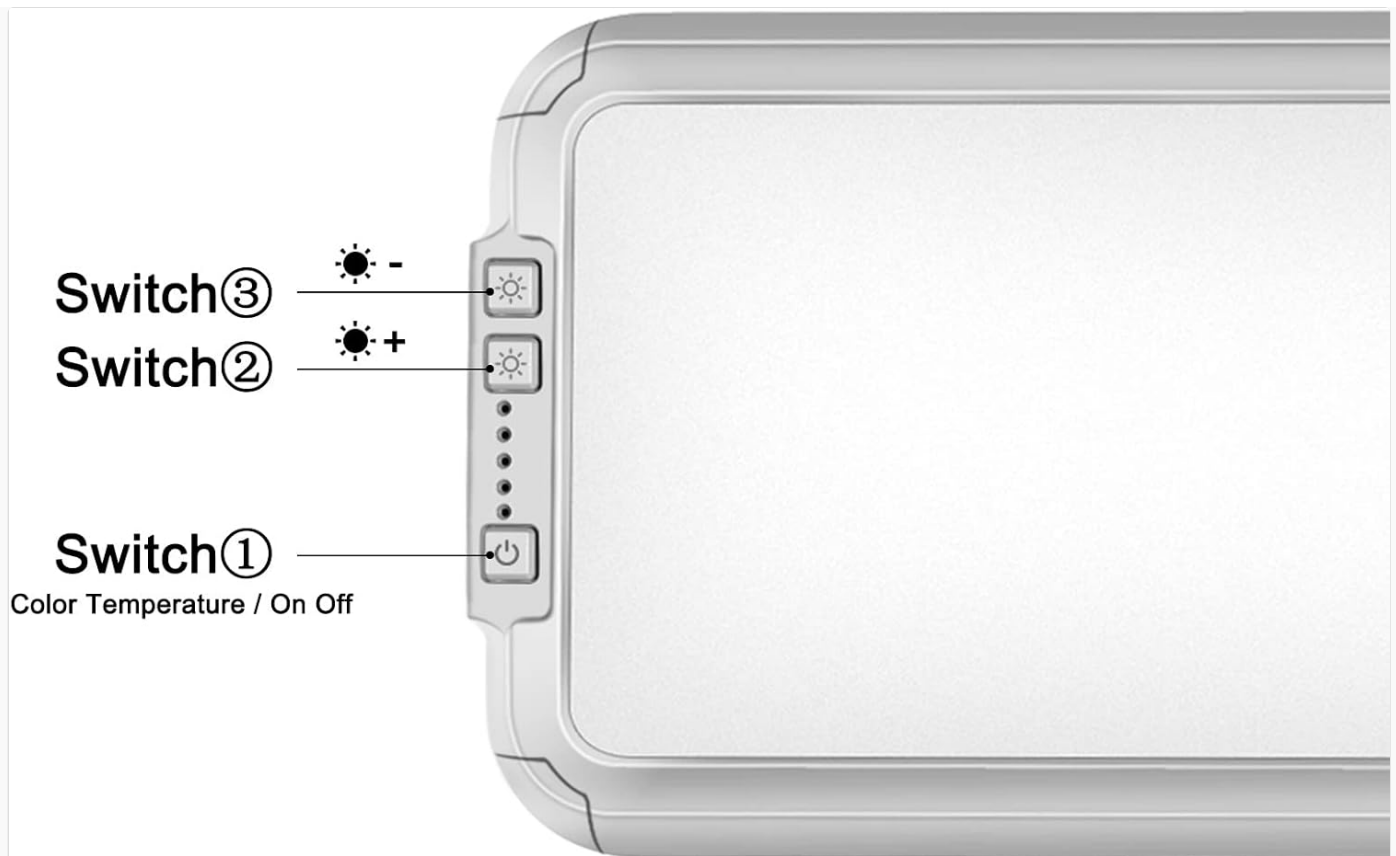
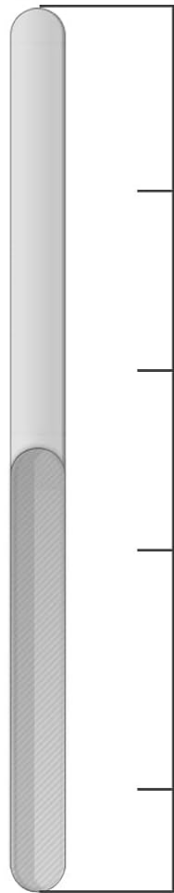


Image: Detailed view of the control panel on the light fixture, showing three switches labeled Switch 1 (Power/Color Temperature), Switch 2 (+ Brightness), and Switch 3 (- Brightness).

1. Power On/Off and Color Temperature Adjustment (Switch 1)

- **To Turn On:** Press Switch 1 briefly.
- **To Change Color Temperature:** Briefly press Switch 1 repeatedly to cycle through the three color temperature options: 3500K Warm White, 4500K Natural White, and 6500K Cool White.
- **To Turn Off:** Press and hold Switch 1 for two seconds.



100% Brightness

80% Brightness

60% Brightness

40% Brightness

20% Brightness



5 Brightness Levels



Image: Visual representation of the three available color temperatures: 3500K Warm White (yellowish light), 4500K Natural White (balanced white light), and 6500K Cool White (bluish-white light).

2. Brightness Dimming (Switch 2 and Switch 3)

- **To Increase Brightness:** Press Switch 2 (+).
- **To Decrease Brightness:** Press Switch 3 (-).
- The light offers 5 brightness levels: 20%, 40%, 60%, 80%, and 100%. Each color temperature can be adjusted across these 5 brightness levels.

PRODUCT SIZE

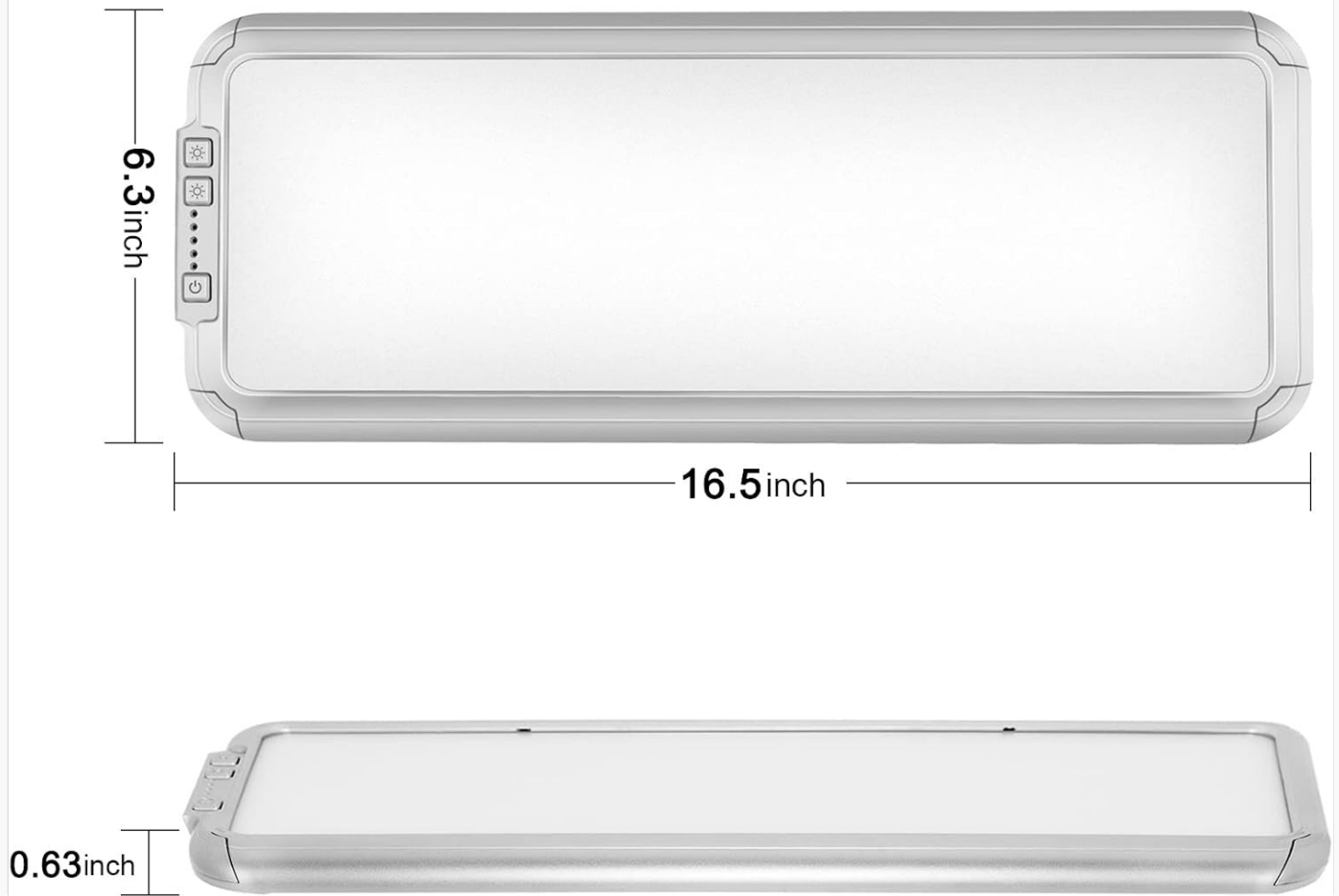


Image: Graphic depicting a vertical slider with five marked brightness levels, ranging from 20% to 100%, illustrating the dimming capability.

3. Memory Setting

The light features a memory function. When the light is turned back on, either via its integrated switch or an external wall switch, it will recall and apply the last used brightness level and color temperature setting.

MAINTENANCE

The Miady RV LED Interior Light is designed for long-lasting performance with a life expectancy of over 60,000 hours. Minimal maintenance is required:

- **Cleaning:** Gently wipe the surface of the light with a soft, dry cloth to remove dust. For stubborn marks, a slightly damp cloth can be used, ensuring no moisture enters the fixture.
- **Inspection:** Periodically check the wiring connections for any signs of wear or looseness.
- Do not use abrasive cleaners or solvents, as these can damage the finish or internal components.

TROUBLESHOOTING

If you encounter issues with your Miady RV LED Interior Light, refer to the following table:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Incorrect wiring; Faulty switch.	Check vehicle's power supply and fuses. Verify red wire is connected to positive and black to negative. Ensure Switch 1 is pressed correctly.
Light flickers or dims unexpectedly.	Unstable power supply; Loose wiring connection; Product defect.	Check vehicle's battery voltage and stability. Secure all wiring connections. If problem persists, contact customer support.
Cannot change brightness or color temperature.	Incorrect button press; Internal control issue.	Refer to "Operating Instructions" for correct button usage. If controls are unresponsive, contact customer support.

WARRANTY

Miady provides an 18-month warranty for this product from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

SUPPORT

For technical assistance, warranty claims, or any questions regarding your Miady RV LED Interior Light, please contact Miady customer support through the retailer where the product was purchased or visit the official Miady website for contact information.

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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

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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