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› ACDC Dynamics 1W LED Cabinet Light Lamp User Manual

ACDC Dynamics LCS0210R-1-CW

ACDC Dynamics 1W LED Cabinet Light Lamp User Manual

Model: LCS0210R-1-CW

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your ACDC Dynamics 1W LED Cabinet Light Lamp. This compact and energy-efficient light is designed to provide cool white illumination, enhancing visibility in cabinet interiors and similar applications. Please read this manual thoroughly before installation and retain it for future reference.

2. SAFETY INFORMATION

- **Electrical Safety:** Always disconnect power at the circuit breaker before attempting any installation, maintenance, or repair. Improper wiring can lead to electric shock or fire.
- **Qualified Personnel:** Installation should be performed by a qualified electrician or competent person if you are unsure about electrical wiring.
- **Voltage Compatibility:** Ensure the power supply connected to this LED lamp matches its voltage requirements. This is a 1W LED and typically operates on low voltage DC, requiring a suitable LED driver (not included).
- **Indoor Use Only:** This product is designed for indoor use in dry locations. Do not expose to moisture or extreme temperatures.
- **Heat Dissipation:** Ensure adequate ventilation around the light to prevent overheating. Do not cover the light with insulating materials.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x ACDC Dynamics 1W LED Cabinet Light Lamp (Model: LCS0210R-1-CW)

4. SETUP AND INSTALLATION

The ACDC Dynamics 1W LED Cabinet Light Lamp is designed for easy installation in various under-cabinet or display applications. Follow these general steps:

1. **Plan Placement:** Determine the desired location for the cabinet light. Ensure there is sufficient space for the compact unit and its wiring.

2. **Prepare Wiring:** This LED lamp requires a compatible low-voltage DC power supply (not included). Connect the two wires extending from the lamp to the output terminals of your LED driver/power supply, observing correct polarity (typically red to positive, black to negative, though specific wiring instructions for your power supply should be followed).
3. **Mount the Light:** The light features a compact design suitable for surface mounting or recessing into a pre-drilled hole (approximately 30mm diameter). Secure the light using appropriate fasteners or adhesive suitable for your cabinet material.
4. **Secure Wiring:** Route and secure all wiring to prevent damage or accidental disconnection.
5. **Test:** Once installation is complete and all connections are secure, restore power and test the light's functionality.



This image displays the ACDC Dynamics 1W LED Cabinet Light Lamp. It features a circular, brushed metal-look housing with a central LED lens. Two black wires extend from the back of the unit for electrical connection. The overall design is compact and suitable for discreet installation.

5. OPERATING INSTRUCTIONS

Operation of the ACDC Dynamics 1W LED Cabinet Light Lamp is straightforward. Once properly installed and connected to a compatible power supply, the light will illuminate when power is supplied to the circuit. Control the light's on/off state using the switch connected to its power source (e.g., a wall switch or an inline switch on the power supply).

6. MAINTENANCE

The ACDC Dynamics 1W LED Cabinet Light Lamp is designed for long-lasting performance with minimal maintenance required.

- **Cleaning:** To clean the light, ensure power is disconnected. Gently wipe the surface with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Inspection:** Periodically inspect the wiring and connections for any signs of wear or damage. If any damage is observed, disconnect power immediately and have it inspected by a qualified professional.

7. TROUBLESHOOTING

If the LED cabinet light does not function as expected, consider the following:

- **Light Does Not Turn On:**
 - Check if the power supply is connected and receiving power.
 - Verify that all wiring connections are secure and correct, paying attention to polarity.
 - Ensure the power switch controlling the light is in the 'ON' position.
 - Confirm that the power supply (LED driver) is functioning correctly and is compatible with a 1W LED load.
- **Flickering Light:**
 - Check for loose wiring connections.
 - Ensure the power supply is stable and providing consistent voltage.

If issues persist after checking these points, consult a qualified electrician.

8. SPECIFICATIONS

Attribute	Detail
Brand	ACDC Dynamics
Model Number	LCS0210R-1-CW
Wattage	1 Watt
Light Colour	Cool White
Diameter	30 mm
Material	Plastic (Shade), Polished (Finish)
Item Weight	100 g (0.1 Kilograms)
Included Components	1 x ACDC Dynamics 1W LED Cabinet Light Lamp
First Available	22 March 2024

9. WARRANTY AND SUPPORT

Warranty information for the ACDC Dynamics 1W LED Cabinet Light Lamp is typically provided at the point of purchase or through the official ACDC Dynamics channels. Please refer to your purchase documentation or contact your retailer for specific warranty terms and conditions.

For technical support or further assistance, please contact ACDC Dynamics customer service or your authorized dealer.

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