

Hubbell CU2

Hubbell-Dual-Lite CU2 Emergency Light User Manual

Model: CU2 | Brand: Hubbell

1. INTRODUCTION

The Hubbell-Dual-Lite CU2 Emergency Light is designed to provide reliable illumination during power outages. This compact and attractive LED-based emergency light features a durable, high-impact UL flame-rated thermoplastic housing and fully adjustable, glare-free lamp heads. Its snap-together design allows for quick and easy installation on either walls or ceilings.

2. SAFETY INSTRUCTIONS

- **Read all instructions carefully before installation.** Failure to follow these instructions may result in electric shock, fire, or other hazards.
- **Disconnect power at the circuit breaker before installation or servicing.** Ensure the power source is off and secured to prevent accidental re-energization.
- **Installation should be performed by a qualified electrician** in accordance with national and local electrical codes.
- **Do not mount near gas or electric heaters.**
- **Ensure all connections are secure and properly insulated.**
- **Do not use outdoors unless specifically rated for outdoor use.** This unit is damp location listed.
- **Do not allow power supply cords to be pinched or damaged.**
- **Battery must be recycled or disposed of properly.** Do not dispose of battery in fire.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Hubbell-Dual-Lite CU2 Emergency Light Fixture
- Mounting Hardware (screws, anchors)
- Nickel Cadmium Battery (pre-installed or separate)
- Instruction Manual

4. SETUP AND INSTALLATION

The CU2 is designed for quick installation on walls or ceilings. Ensure the mounting surface is suitable to support the

fixture's weight.

4.1 Mounting the Fixture

1. **Select a suitable mounting location:** Choose a wall or ceiling location that provides adequate emergency illumination and is within reach of the intended power supply.
2. **Prepare the mounting surface:** Use the provided mounting template (if applicable) or the fixture's backplate to mark drilling locations for screws.
3. **Drill pilot holes:** Drill holes appropriate for the provided mounting screws and anchors.
4. **Secure the backplate:** Attach the fixture's backplate securely to the wall or ceiling using the provided hardware.

4.2 Wiring Instructions

WARNING: Ensure power is OFF at the circuit breaker before proceeding with wiring.

1. **Connect AC power:** Route the AC supply wires through the appropriate knockout on the fixture's backplate. Connect the building's AC supply wires to the corresponding wires on the emergency light fixture (typically Black to Black for Line, White to White for Neutral, and Green to Green for Ground).
2. **Connect the battery:** If the battery is not pre-connected, carefully plug the battery connector into the receptacle on the circuit board. Ensure correct polarity.
3. **Close the housing:** Carefully tuck all wires into the housing and snap the front cover onto the backplate, ensuring it is securely closed.



Image showing the Hubbell-Dual-Lite CU2 Emergency Light, featuring its white housing and two adjustable LED lamp heads.

4.3 Initial Charge

After installation and connecting to AC power, allow the unit to charge for a minimum of 24 hours before conducting any tests. This ensures the battery is fully charged and can provide the rated emergency duration.

5. OPERATING INSTRUCTIONS

5.1 Automatic Operation

Once properly installed and charged, the CU2 Emergency Light will operate automatically. When AC power is present, the unit will remain in standby mode, charging its battery. In the event of an AC power failure, the unit will automatically switch to battery power, illuminating the LED lamp heads.

5.2 Test Button

A test button is located on the fixture. Pressing and holding this button simulates an AC power failure, causing the unit to switch to battery power and illuminate the lamp heads. Release the button to return to normal operation. This feature is used for routine testing.

5.3 Adjustable Lamp Heads

The two LED lamp heads are fully adjustable. Gently pivot and rotate each head to direct the light to the desired areas for emergency egress.

6. MAINTENANCE

Regular maintenance ensures optimal performance of your emergency light.

6.1 Routine Testing

- **Monthly:** Press the test button for at least 30 seconds. The LED lamp heads should illuminate. Release the button; the lamp heads should turn off, and the charging indicator light should turn on.
- **Annually:** Disconnect AC power to the unit for 90 minutes. The LED lamp heads should remain illuminated for the entire duration. Reconnect AC power after the test.

6.2 Battery Replacement

The CU2 uses a long-life nickel cadmium battery with an expected life-cycle of more than 10 years. If the unit fails to maintain its rated emergency duration during testing, the battery may need replacement. Contact a qualified service technician for battery replacement.

6.3 Cleaning

Clean the exterior of the fixture and lamp heads periodically with a soft, damp cloth. Do not use abrasive cleaners or solvents.

7. TROUBLESHOOTING

If the emergency light does not function correctly, refer to the following common issues and solutions:

- **Light does not illuminate during power outage or test:**
 - Check if AC power is connected and active.
 - Ensure the battery is properly connected.
 - Allow 24 hours for initial battery charge.
 - Battery may be old and require replacement.
- **Emergency duration is less than 90 minutes:**
 - Ensure the unit has received a full 24-hour charge.
 - Battery may be nearing the end of its life and require replacement.
- **Charging indicator light is off:**
 - Verify AC power supply.
 - Check wiring connections.
 - Contact a qualified technician if the issue persists.

8. SPECIFICATIONS

Brand	Hubbell
Model Number	CU2

Light Source	LED
Number of Light Sources	2
Voltage	2 volts (internal battery system)
Battery Type	Nickel Cadmium (Ni-Cd)
Emergency Duration	90 minutes (UL recognized)
Mounting Type	Wall Mount, Ceiling Mount
Indoor/Outdoor Usage	Outdoor (Damp location listed)
Housing Material	High-impact UL flame-rated thermoplastic
Item Weight	1.2 pounds

9. WARRANTY INFORMATION

This product is sold without a manufacturer's warranty. Please refer to your point of purchase for any return or exchange policies.

10. SUPPORT

For further assistance, technical support, or inquiries regarding this product, please contact Hubbell customer service or visit their official website.

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

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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