

LEDLightsWorld LM-XDD-US-24W-PW-1P

LEDLightsWorld 12 Inch LED Flush Mount Ceiling Light Fixture

MODEL: LM-XDD-US-24W-PW-1P

User Instruction Manual

1. Introduction

Thank you for choosing the LEDLightsWorld 12 Inch LED Flush Mount Ceiling Light Fixture. This modern, slim-profile light is designed to provide bright, even, and energy-efficient illumination for various indoor spaces. This manual provides essential information for safe installation, proper operation, and basic maintenance to ensure optimal performance and longevity of your new lighting fixture.

2. Product Features

- **Ultra-Thin and Sleek Design:** With a slim 0.92-inch profile, this flush mount LED ceiling light integrates seamlessly into any room, offering a clean, minimalist aesthetic.
- **Bright and Even Lighting:** Equipped with 120 high-quality CRI80 SMD2538 LED beads, it provides 3200 lumens of 5000K Daylight White light, ensuring no flicker, no dark spots, and consistent illumination.
- **Energy Saving:** The 24W LED light is equivalent to a traditional 240W fluorescent bulb, offering significant energy savings and a lifespan of over 10 years under normal usage.
- **Easy Installation:** Designed for a simple two-step flush mount installation.
- **Wide Application:** Ideal for bedrooms, kitchens, hallways, restrooms, garages, offices, stairs, hotels, shops, conference rooms, living rooms, dining rooms, entryways, balconies, and more.

Ultra slim design

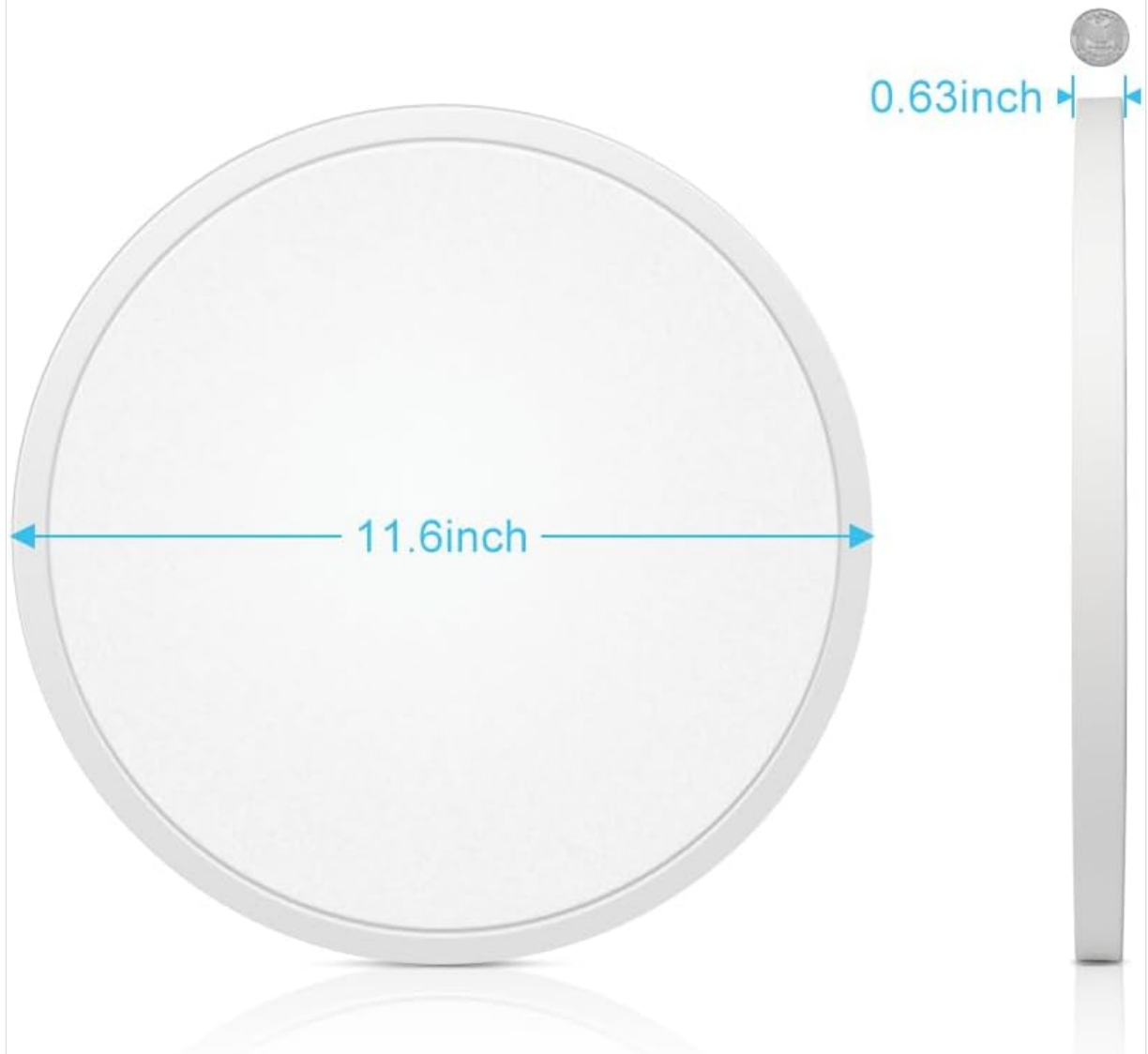


Figure 2.1: Ultra-slim design with a thickness of only 0.92 inches (approximately 0.63 inches in the diagram, actual product is 0.94 inches thick).



Figure 2.2: Key features including 5000K color temperature, CRI80+, IP40 rating, 120-degree beam angle, CE & RoHS compliance, and 30,000-hour lifespan.

Excellent Components

Side emitting design
Aluminum PCB + High Brightness 120pcs
SMD2835 LEDs



Figure 2.3: Internal components of the light fixture, highlighting the aluminum PCB and high-brightness SMD2835 LEDs.

3. Package Contents

Please check the package to ensure all items are present and undamaged:

- 1 x Round slim LED ceiling light
- 4 x Mounting screws



Figure 3.1: The product box showing the light fixture and the included mounting screws and expansion tubes.

4. Specifications

Attribute	Value
Brand	LEDLightsWorld
Model Number	LM-XDD-US-24W-PW-1P
Color	Daylight White
Material	Plastic
Style	Modern Round LED Ceiling Light
Light Fixture Form	Close to Ceiling
Product Dimensions	11.81"L x 11.81"W x 0.94"H
Indoor/Outdoor Usage	Indoor
Power Source	Corded Electric
Installation Type	Flush Mount
Light Source Type	LED
Light Color	5000K Daylight White
Voltage	110 Volts (AC)
Wattage	24 Watts
Brightness	3200 Lumen
Bulb Features	Non Dimmable
Compliance	CE, CB, RoHS

5. Setup & Installation

Please read all instructions carefully before beginning installation. If you are unsure about any part of the installation process, consult a qualified electrician.

Safety Precautions:

- Always turn off the power at the circuit breaker or fuse box before installation or maintenance.
- Ensure the mounting surface can support the weight of the fixture.
- Do not connect the fixture to a dimmer switch, as it is non-dimmable.

Installation Steps:

1. **Prepare the Mounting Surface:** Ensure the power is off. Remove any existing light fixture.
2. **Install the Mounting Base:** Fix the circular mounting base (the white ring with screw holes) securely to the ceiling using the provided screws and expansion tubes. Ensure it is firmly attached.

3. **Wire the Fixture:** Connect the light fixture's wires to your household wiring. In common American wiring, the white wire connects to "N" (Neutral) and the black wire connects to "L" (Live). For this fixture, the blue wire connects to "N" and the brown (or red) wire connects to "L". Use appropriate wire connectors to secure the connections.
4. **Attach the Light Fixture:** Align the light fixture with the installed mounting base. Gently push the fixture upwards and then twist it clockwise until it locks securely into place.
5. **Restore Power:** Once the fixture is securely installed and wired, turn the power back on at the circuit breaker.



Figure 5.1: Visual guide for the two-step installation process: fixing the base and twisting the light onto it.

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Video 5.1: An official product video demonstrating the unboxing, features, and the simple installation process of the 12 Inch LED Flush Mount Ceiling Light. It shows the components, dimensions, and the wiring connections (blue to N, brown/red to L) followed by the twist-lock attachment to the ceiling base.

6. Operating Instructions

The LEDLightsWorld 12 Inch LED Flush Mount Ceiling Light Fixture operates via a standard wall switch. Simply toggle your wall switch to turn the light on or off. This fixture is **non-dimmable** and should not be connected to a dimmer switch.

7. Maintenance

To maintain the appearance and performance of your light fixture:

- Ensure power is off before cleaning.
- Wipe the fixture with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or polishes, as these may damage the finish or electrical components.
- The LED light source is integrated and not user-replaceable.

8. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on	No power to the fixture; Loose wiring connection; Faulty wall switch.	Check circuit breaker/fuse. Ensure all wire connections are secure (power off first). Test the wall switch.
Light flickers	Loose wiring connection; Incompatible dimmer switch (if mistakenly used); Power supply issue.	Ensure all wire connections are tight. Confirm no dimmer switch is installed. Consult an electrician if the issue persists.
Difficulty with wiring thin gauge wires	Standard wire connectors may not adequately secure very thin wires.	Consider using crimp connectors with heat shrink tubing for a more secure connection, or consult a professional electrician. Ensure connections are robust and safe.

9. Warranty & Support

This LEDLightsWorld product is designed and manufactured to high-quality standards. It is CE, CB, and RoHS compliant, ensuring safety and environmental responsibility.

For any questions, technical support, or warranty claims, please contact LEDLightsWorld customer service through the platform where you purchased the product or refer to the contact information provided on the product packaging.