LEDLightsWorld Square LED Ceiling Light

LEDLightsWorld 12-Inch Square LED Ceiling Light Instruction Manual

Model: Square LED Ceiling Light
Brand: LEDLightsWorld

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- Always turn off the power at the circuit breaker before beginning any electrical work.

- If you are unsure about wiring or installation, consult a qualified electrician.

- Do not install this fixture in wet locations. It is rated IP40, suitable for dry indoor environments.

- Ensure all connections are secure and properly insulated.

- Do not attempt to modify the fixture. Any modifications may void the warranty and pose a safety risk.

2. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1x 12-Inch Square LED Ceiling Light Fixture

- 1x Mounting Bracket

- 4x Screws

- 4x Expansion Tubes

- 1x User Manual (This document)

Image 1: The LEDLightsWorld 12-Inch Square LED Ceiling Light fixture.

3. PRODUCT OVERVIEW

The LEDLightsWorld 12-Inch Square LED Ceiling Light is a modern, ultra-thin flush mount fixture designed for various indoor spaces. It provides bright, even, and flicker-free illumination.

- **Ultra-Thin Design:** With a thickness of only 0.94 inches, this fixture offers a sleek, low-profile appearance.
- **Bright & Even Lighting:** Features 120 high-quality CRI80 SMD2538 lamp beads, delivering up to 3200 lumens of 5000K Daylight White light. Designed to be non-flicker and glare-free.
- **Energy Efficient:** This 24W LED fixture is equivalent to a traditional 240W fluorescent bulb, offering significant energy savings and a long lifespan.
- **Wide Application:** Ideal for bedrooms, kitchens, hallways, restrooms, garages, offices, stairwells, and other low-ceiling areas.
- **Quality & Safety:** CE, CB, and RoHS compliant.

Image 2: Examples of the LED ceiling light installed in different home environments.

Image 3: Visual representation of the light's high Color Rendering Index (CRI 80+) and flicker-free technology.

4. SPECIFICATIONS

Brand	LEDLightsWorld
Model Name	Square LED Ceiling Light
Product Dimensions	12"L x 12"W x 0.94"H
Wattage	24 watts
Brightness	3200 Lumens
Color Temperature	5000 Kelvin (Daylight White)
Light Source Type	LED
Material	Plastic (Acrylonitrile Butadiene Styrene + Plastic)
Installation Type	Flush Mount
Special Features	CRI 80+, Energy Efficient, Non-Dimmable, Rated to IP40

Voltage	110 Volts (AC)
Certifications	CE, RoHS
UPC	613965271240

Ultra-thin

4.6in

1.33in

6.57in

1.57in

2.33in

11.81in

0.94in

The thickness of the whole lamp is only 0.94 in
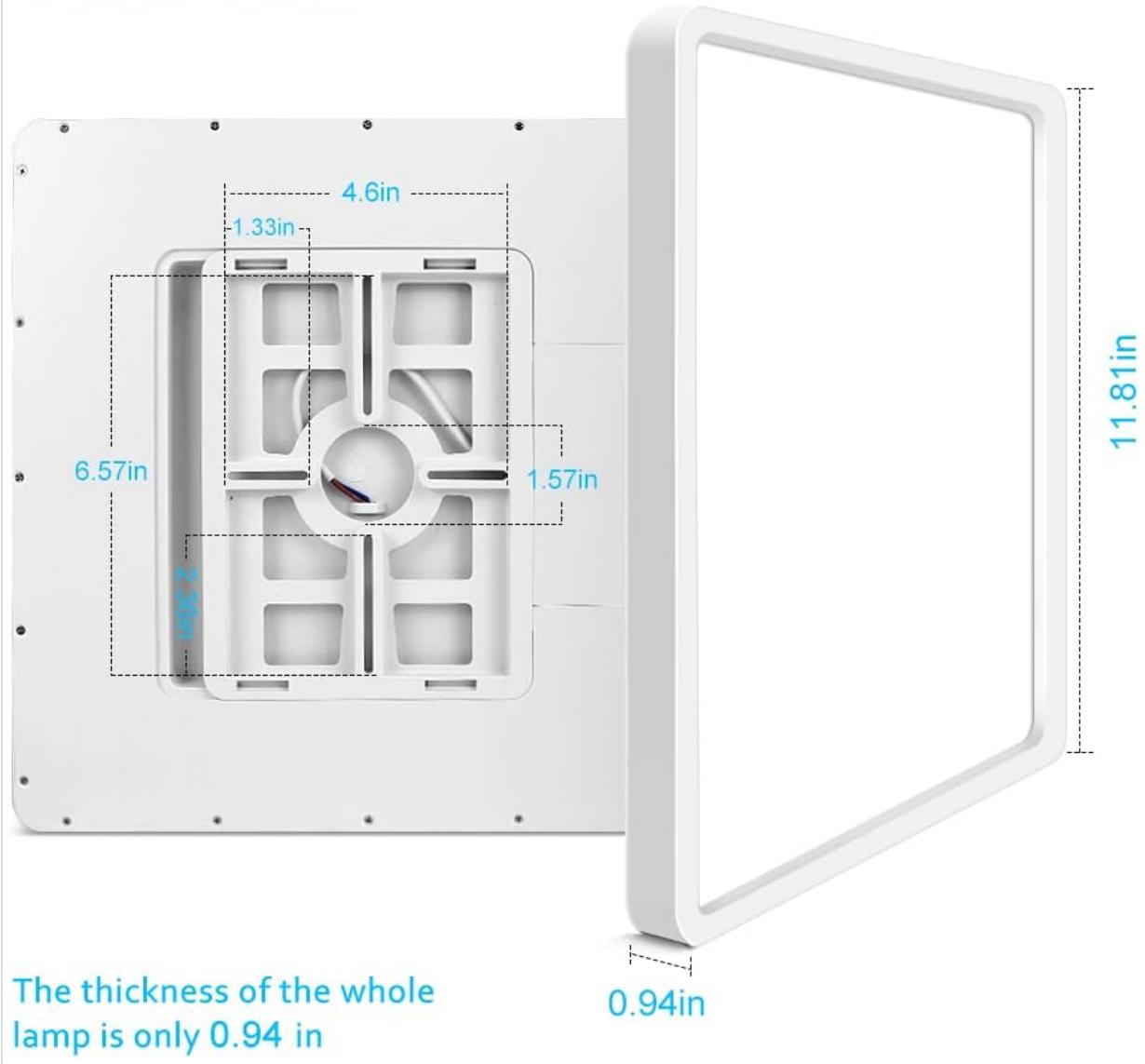
Image 4: Detailed dimensions of the light fixture, highlighting its 0.94-inch thickness.

5. INSTALLATION INSTRUCTIONS

Follow these steps to properly install your LEDLightsWorld Square LED Ceiling Light. It is recommended to have two people for easier installation.

1. **Turn Off Power:** Before starting, ensure the power supply to the installation area is completely turned off at the circuit breaker to prevent electrical shock.

2. **Mount the Bracket:** Fix the mounting bracket to the ceiling using the provided screws and expansion tubes. Ensure the bracket is securely fastened.

3. **Connect Wiring:** Connect the electrical wires from your ceiling to the fixture's wires. For American wiring standards, connect the white wire from the ceiling to the fixture's 'N' (neutral) wire, and the black wire from the ceiling to the fixture's 'L' (live) wire. For other regions, typically blue connects to 'N' and brown (or red) connects to 'L'.

4. **Attach the Light Fixture:** Align the light fixture with the mounted bracket. Push the ceiling light up and then slide it to lock it firmly onto the mounting bracket.
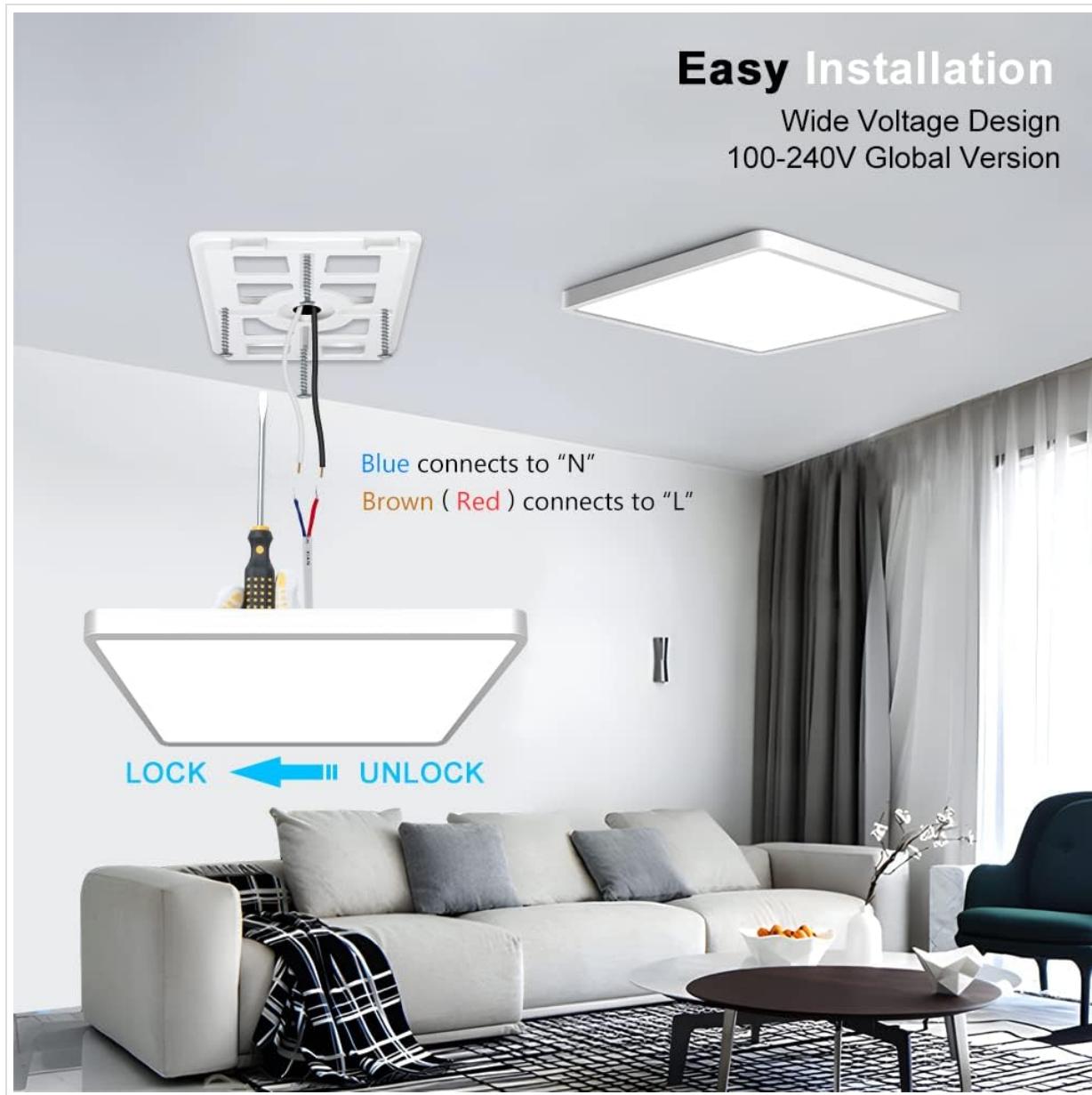
Image 5: Visual guide illustrating the three main steps for installing the ceiling light.

For a visual guide, watch the official installation video:

Your browser does not support the video tag.

Video 1: Official installation guide for the 12-Inch Square LED Ceiling Light, demonstrating the mounting and wiring process.

6. OPERATING INSTRUCTIONS

This LED ceiling light is designed for simple operation with a standard wall switch.

- **Power On/Off:** Use a regular ON/OFF toggle switch to turn the light fixture on or off.
- **Non-Dimmable:** This fixture is non-dimmable and should not be connected to a dimmer switch.

7. MAINTENANCE

To ensure the longevity and optimal performance of your LED ceiling light, follow these simple maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Wipe the fixture with a soft, dry or slightly damp cloth. Do not use abrasive cleaners, solvents, or polishes as they may damage the finish or electrical components.
- **Bulb Replacement:** The LED lamp beads are integrated and not user-replaceable. The fixture has a long lifespan, eliminating the need for frequent bulb changes.

8. TROUBLESHOOTING

If you encounter any issues with your LED ceiling light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose wiring; Faulty switch	Check circuit breaker; Verify wire connections; Test or replace switch.
Light flickers	Incompatible dimmer switch; Loose wiring; Voltage fluctuations	Ensure a standard ON/OFF switch is used (fixture is non-dimmable); Check wiring connections; Consult an electrician for voltage issues.
Insufficient brightness	Room size too large for fixture; Dust accumulation on diffuser	Consider additional lighting for larger spaces; Clean the diffuser regularly.
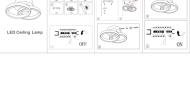
9. WARRANTY AND SUPPORT

LEDLightsWorld products are manufactured to high-quality standards. For warranty information, technical support, or any questions not covered in this manual, please refer to the product packaging or contact LEDLightsWorld customer service directly. Keep your purchase receipt as proof of purchase.

Related Documents - Square LED Ceiling Light

	[3D LED FAN Model Z3 User Manual and Product Information](#) Comprehensive guide for the 3D LED FAN Model Z3, covering product introduction, installation, operation via app and web control, troubleshooting, and warranty information.
	[Goeco Modern Gold Crystal E26 Semi Flush Mount Ceiling Light Fixture - User Manual](#) User manual and product information for the Goeco Modern Gold Crystal E26 Semi Flush Mount Ceiling Light Fixture. This guide provides details on features, specifications, and installation for home use in entryways, hallways, bedrooms, living rooms, and bathrooms.

	[Hamilyeah 48W LED Flush Mount Ceiling Light - Installation Guide & Product Overview](#) Learn about the Hamilyeah 48W LED Flush Mount Ceiling Light, including its specifications, installation steps, and warranty information. Ideal for living rooms, bedrooms, and offices.
	[Double Hoop Integrated LED Semi Flush User Guide	John Lewis & Partners](#) User guide for the John Lewis & Partners Double Hoop Integrated LED Semi Flush light, covering installation, care, troubleshooting, specifications, and recycling information.
	[BLNAN Motion Sensor LED Ceiling Light User Manual](#) Comprehensive user manual for the BLNAN Motion Sensor LED Ceiling Light (LS-CL-G18W-M-S), detailing product specifications, installation, modes, and precautions.
	[LED Ceiling Lamp Installation and Operation Guide](#) A guide for installing and operating the DELIPOP Modern LED Ceiling Lamp, including assembly steps and switch operation.