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## Goeco FX-US020SFD-W

# Goeco 12 Inch Square Flush Mount LED Ceiling Light Instruction Manual

Model: FX-US020SFD-W

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Goeco 12 Inch Square Flush Mount LED Ceiling Light. Please read this manual thoroughly before installation and retain it for future reference.



Figure 1: Goeco 12 Inch Square Flush Mount LED Ceiling Light in a living room setting.

## PRODUCT OVERVIEW

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The Goeco 12 Inch Square Flush Mount LED Ceiling Light is designed for modern interiors, offering efficient and comfortable lighting. Its ultra-slim profile and minimalist design make it suitable for various rooms, especially those with low ceilings.

### Key Features:

- **Ultra Slim Design:** Only 0.98 inches thick, ideal for low-ceiling rooms.
- **Energy Efficient:** 24W LED equivalent to 240W incandescent, saving over 80% on electricity costs.
- **Comfortable Lighting:** 2400LM, 6500K daylight white light, flicker-free, with high CRI (80+).
- **Wide Application:** Suitable for 107-160 ft<sup>2</sup> areas, including bedrooms, living rooms, kitchens, bathrooms, and hallways.

- **Easy Installation:** Comes with a complete mounting kit for effortless setup.
- **Durable:** Sealed design prevents dust and insects, ensuring a long service life of up to 30,000 hours.

## Production Informations

Power: 24W

Voltage: 110V

Lifespan: 50000 Hours

Color: White

CCT: 6500K Daylight

Light Source: LED

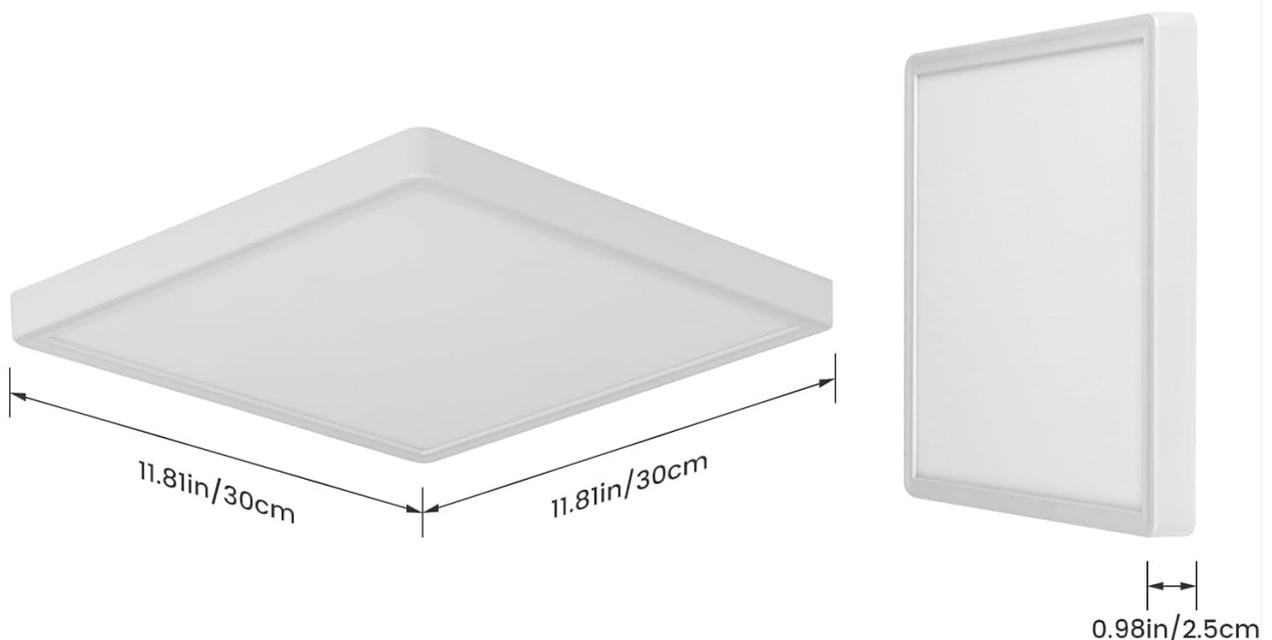


Figure 2: Product dimensions and key specifications.

## Features of LED Light Fixture



Figure 3: Benefits of the ultra-thin and completely sealed design.

## WHAT'S IN THE BOX

Upon opening the package, please verify that all components are present and undamaged:

- Goeco 12 Inch Square Flush Mount LED Ceiling Light (1 unit)
- Shade (pre-installed)
- Instruction Manual (this document)
- Mounting Hardware (screws, wall anchors, wire nuts)

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Video 1: Unboxing the Goeco Ultra Slim Flush Mount Ceiling Light. This video demonstrates the contents of the package, including the light fixture and mounting accessories.

## SPECIFICATIONS

Feature	Specification
Brand	Goeco
Model Name	SDXDD (FX-US020SFD-W)
Dimensions	11.81"L x 11.81"W x 0.98"H
Wattage	24 Watts
Brightness	2400 Lumens
Color Temperature	6500 Kelvin (Daylight Cool White)
Color Rendering Index (CRI)	80.00+
Light Source Type	LED
Material	Acrylonitrile Butadiene Styrene (ABS)
Installation Type	Flush Mount
Voltage	110 Volts (AC)
Average Life	30,000 Hours
Special Feature	Waterproof

## INSTALLATION GUIDE

**WARNING: To avoid electric shock, always turn off the power at the main circuit breaker before beginning any electrical installation.**

**1. Step 1: Fix the base to the ceiling.**

Ensure the power is off. Attach the mounting base plate securely to the ceiling junction box using the provided screws. The base is suitable for 1.95-5.11 inch junction boxes.



**2. Step 2: Connect the wires.**

Connect the light fixture's wires to the corresponding household wires using the provided wire nuts. Typically, black to black (live), white to white (neutral). This fixture does not require a ground wire.

**3. Step 3: Insert the light into the base plate.**

Carefully align the light fixture with the mounting base and twist or push it into place until it clicks securely. Ensure all wires are tucked safely inside the junction box.

**4. Step 4: Installation is completed.**

Once the light is securely attached, restore power at the circuit breaker and test the light.

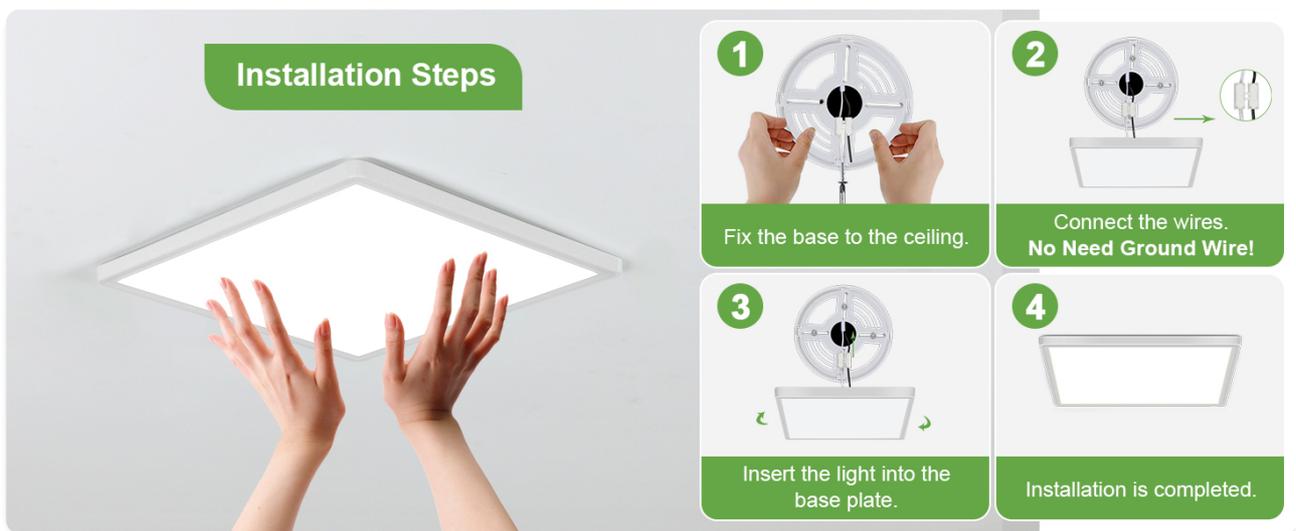


Figure 5: Visual step-by-step installation instructions.

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Video 2: Installation process of the Goeco Ultra Slim Flush Mount Ceiling Light. This video provides a visual guide to the installation steps.

## OPERATING INSTRUCTIONS

The Goeco LED Ceiling Light operates via a standard wall switch. There are no complex controls or dimming features built into this model.

- **Turning On/Off:** Use your existing wall switch to turn the light fixture on or off.
- **Light Output:** The light provides a consistent 2400LM of 6500K daylight cool white light.



Figure 6: The ceiling light providing bright illumination in a bedroom.



Figure 7: Examples of suitable application areas for the ceiling light.

## MAINTENANCE

The Goeco LED Ceiling Light is designed for minimal maintenance due to its sealed construction and long-life LED components.

- **Cleaning:** To clean the fixture, ensure the power is off. Use a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. The expected lifespan is 30,000 hours.
- **Sealed Design:** The completely sealed design helps prevent dust and insects from entering the fixture, reducing the need for internal cleaning.

## TROUBLESHOOTING

If you encounter any issues with your Goeco LED Ceiling Light, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture, loose wiring, faulty switch.	Check circuit breaker. Ensure wires are securely connected. Test the wall switch.
Light flickers or dims.	Loose wiring, incompatible dimmer switch (this light is not dimmable).	Check wire connections. Ensure a standard ON/OFF switch is used, not a dimmer.
Light is not as bright as expected.	Dust accumulation on the diffuser, incorrect room size.	Clean the diffuser. Verify the room size is within the recommended 107-160 ft <sup>2</sup> range.

If the problem persists after trying these solutions, please contact Goeco customer support.

## WARRANTY & SUPPORT

The Goeco 12 Inch Square Flush Mount LED Ceiling Light comes with a **2-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical support, or any other inquiries, please contact Goeco customer service through the retailer where you purchased the product or visit the official Goeco store on Amazon:

[Visit the Goeco Store on Amazon](#)

Please retain your purchase receipt as proof of purchase for warranty purposes.