

## Goeco 30867110

# Goeco 22W LED Modern Square Ceiling Light User Manual

Model: 30867110

## 1. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before installation and use. Keep this manual for future reference.

- **Electrical Safety:** Before connecting the product to the electrical circuit, ensure the main power supply is turned off at the circuit breaker and the ceiling switch is disconnected to prevent accidental activation or electric shock.
- **Qualified Installation:** Installation should be performed by a qualified electrician or a competent person in accordance with local electrical codes and regulations.
- **Voltage Compatibility:** Ensure the supply voltage (220V) matches the requirements of the fixture.
- **Handling:** Handle the product with care. Avoid dropping or subjecting it to strong impacts.
- **Environment:** This fixture is designed for indoor use only (IP21 rating). Do not expose it to water or high humidity.
- **Non-Replaceable LED:** The LED light source in this fixture is non-replaceable. Do not attempt to disassemble or replace the LEDs.

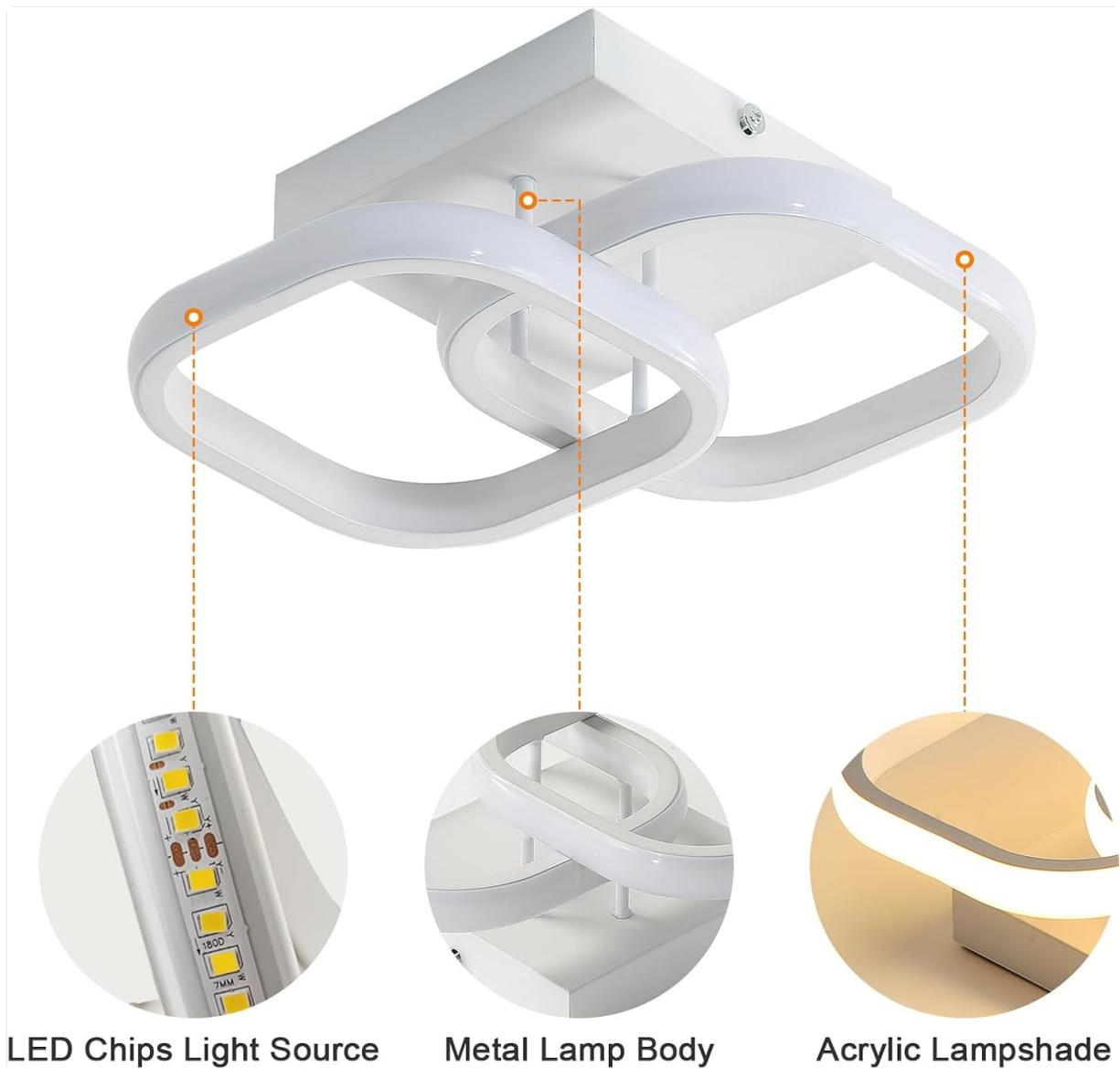
## 2. PRODUCT OVERVIEW

The Goeco 22W LED Modern Square Ceiling Light features a contemporary design with two superimposed square lamps, providing a warm white illumination suitable for various indoor spaces.

- **Modern Design:** Simple yet distinctive, enhancing different decorative styles.
- **High-Quality Materials:** Constructed from durable iron and aluminum with a painted surface to resist rust, paired with an acrylic lampshade for uniform light transmission.
- **Eye Protection:** Integrated LED light source provides stable, uniform light without flicker or glare.
- **Versatile Application:** Ideal for balconies, hallways, kitchens, storage rooms, basements, and children's rooms.



Figure 2.1: Goeco 22W LED Modern Square Ceiling Light, showcasing its contemporary design and warm illumination.



**LED Chips Light Source**

**Metal Lamp Body**

**Acrylic Lampshade**

Figure 2.2: Component breakdown showing LED chips, metal lamp body, and acrylic lampshade.

### 3. SPECIFICATIONS

Feature	Specification
Brand	Goeco
Model Number	30867110
Light Source	Integrated LED
Power Consumption	22 Watts
Luminous Flux	2000 Lumens
Color Temperature	3000K (Warm White)
Color Rendering Index (CRI)	80
Voltage	220 Volts (AC)
Material	Aluminum, Iron, Acrylic

Feature	Specification
Finish	Painted
Dimensions (L x W x H)	28 x 16 x 9 cm (11.02 x 6.3 x 3.54 inches)
Weight	620 grams
IP Rating	IP21 (Indoor use only)
Special Features	Dimmable ( <i>Note: Dimmer switch not included, compatibility may vary</i> )
Included Components	Mounting hardware



## SPECIFICATION

Material: Alumimum+Acrylic

Color Temperature: 3000K

Light Source: LED

Power: 22W

Figure 3.1: Product dimensions in centimeters and inches.

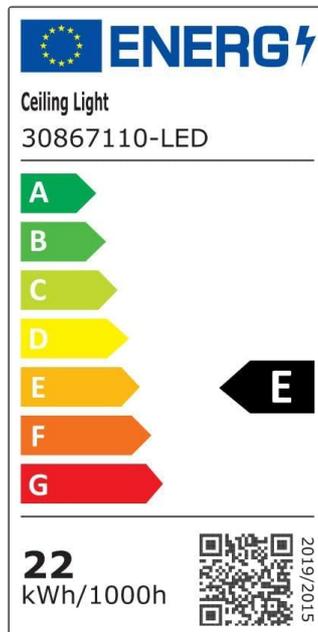


Figure 3.2: EU Energy Efficiency Label (Rating E). For more details, visit [eprel.ec.europa.eu/qr/1680754](http://eprel.ec.europa.eu/qr/1680754).

## 4. SETUP AND INSTALLATION

Follow these steps for safe and proper installation of your ceiling light.

### 1. Preparation:

- Ensure the main power supply to the installation area is completely turned off at the circuit breaker.
- Gather all necessary tools: screwdriver, wire strippers, drill (if needed), and safety glasses.
- Unpack the ceiling light and verify all components and mounting hardware are present.

### 2. Mounting the Bracket:

- Position the mounting bracket against the ceiling at the desired location.
- Mark the drilling points. Drill holes if necessary and insert appropriate wall plugs.
- Secure the mounting bracket to the ceiling using the provided screws.

### 3. Wiring:

- Carefully connect the household electrical wires to the corresponding wires of the ceiling light. Typically, this involves connecting Live (L), Neutral (N), and Ground (E) wires. Refer to local wiring color codes.
- Ensure all connections are secure and properly insulated.

### 4. Attaching the Fixture:

- Align the ceiling light fixture with the mounting bracket.
- Secure the fixture to the bracket using the screws or fasteners provided. Ensure it is firmly attached and flush with the ceiling.

### 5. Final Check:

- Once installation is complete, restore power at the circuit breaker.
- Test the light to ensure it functions correctly.

**Note:** If you are unsure about any step, consult a qualified electrician.

## 5. OPERATING INSTRUCTIONS

The Goeco LED Ceiling Light is designed for simple operation.

- **Turning On/Off:** Use a standard wall switch connected to the fixture to turn the light on or off.
- **Dimming Function:** The product specifications indicate it is dimmable. If you wish to use a dimming function, you will need to install a compatible dimmer switch (not included) in your electrical circuit. Ensure the dimmer switch is suitable for LED lighting.
- **Light Output:** The fixture provides a consistent 3000K warm white light at 2000 lumens.



Figure 5.1: Visual comparison of the ceiling light in an 'ON' and 'OFF' state.

## 6. MAINTENANCE

Regular maintenance will help ensure the longevity and optimal performance of your LED ceiling light.

- **Cleaning:** Before cleaning, always ensure the power supply to the fixture is turned off. Use a soft, dry, or slightly damp cloth to wipe the surface of the fixture. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or acrylic.
- **Inspection:** Periodically check for any loose connections or signs of damage. If any damage is observed, disconnect power immediately and consult a qualified technician.

- **LEDs:** The integrated LED light source is designed for a long lifespan and does not require replacement.

## 7. TROUBLESHOOTING

If you encounter issues with your ceiling light, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Light does not turn on	<ul style="list-style-type: none"> <li>◦ No power supply</li> <li>◦ Loose wiring connection</li> <li>◦ Faulty wall switch</li> </ul>	<ul style="list-style-type: none"> <li>◦ Check circuit breaker and wall switch.</li> <li>◦ Ensure power is off, then check wiring connections.</li> <li>◦ Test the wall switch or replace if faulty.</li> </ul>
Light flickers	<ul style="list-style-type: none"> <li>◦ Loose wiring</li> <li>◦ Incompatible dimmer switch (if installed)</li> <li>◦ Voltage fluctuations</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure power is off, then check wiring connections.</li> <li>◦ Replace with an LED-compatible dimmer or remove dimmer.</li> <li>◦ Consult an electrician if voltage issues persist.</li> </ul>
Light is dim or inconsistent	<ul style="list-style-type: none"> <li>◦ Dust or dirt on lampshade</li> <li>◦ Partial circuit issue</li> </ul>	<ul style="list-style-type: none"> <li>◦ Clean the lampshade as per maintenance instructions.</li> <li>◦ Consult a qualified electrician.</li> </ul>

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

## 8. WARRANTY AND SUPPORT

Goeco products are manufactured to high-quality standards. For warranty information or technical support, please refer to the retailer where you purchased the product or visit the official Goeco website.

- Keep your purchase receipt as proof of purchase.
- Do not attempt to repair the product yourself, as this may void the warranty and pose a safety risk.

### Related Documents - 30867110

	<p><a href="#">Goeco 6-Ring Modern LED Ceiling Lamp Installation Guide</a> Step-by-step instructions for installing the Goeco 6-Ring Modern LED Ceiling Lamp, including a parts list and detailed assembly diagrams.</p>
	<p><a href="#">Goeco Modern Gold Crystal E26 Semi Flush Mount Ceiling Light Fixture - User Manual</a> 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.</p>

	<p><a href="#">LED Ceiling Lamp Installation Guide</a></p> <p>This document provides instructions for installing and operating an LED Ceiling Lamp. It includes a parts list and step-by-step assembly diagrams.</p>
	<p><a href="#">Goeco LED Ceiling Lamp Installation Guide and Operation Manual</a></p> <p>Comprehensive guide for installing and operating the Goeco 5-Petals Flower Design LED Ceiling Lamp. Includes parts list, step-by-step assembly instructions, and remote control operation.</p>
	<p><a href="#">Goeco Modern LED Ceiling Lamp Installation Guide</a></p> <p>Comprehensive installation guide for the Goeco Modern LED Ceiling Lamp. This document details the parts included and step-by-step assembly instructions for the 2-round minimalist design flush mount lighting fixture.</p>
	<p><a href="#">Goeco 6-Ring Modern LED Ceiling Lamp Installation Guide</a></p> <p>Step-by-step instructions for installing the Goeco 6-Ring Modern LED Ceiling Lamp, including a parts list and detailed assembly diagrams.</p>