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PROLIGHT 5412748696844 LED Square Ceiling Light 12W IP20 Instruction Manual

Model: 5412748696844

1. INTRODUCTION

Thank you for purchasing the PROLIGHT 12W Square LED Ceiling Light. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting fixture. Please read these instructions carefully before installation and retain them for future reference.



Image 1.1: The PROLIGHT 12W Square LED Ceiling Light. This image displays the compact, white square design of the

Important Safety Information

- **Electrical Installation:** Installation must be performed by a qualified electrician or competent person in accordance with all local and national electrical codes.
- **Power Disconnection:** Always disconnect the main power supply at the circuit breaker or fuse box before commencing any installation, maintenance, or cleaning.
- **Voltage:** Ensure the supply voltage is compatible with the fixture's requirements (typically 220-240V for European markets, but always check product specifications).
- **IP20 Rating:** This fixture is rated IP20, meaning it is protected against solid objects larger than 12.5mm but has no protection against water. Do not install in areas where it may be exposed to water or high humidity.
- **Mounting Surface:** Ensure the mounting surface is structurally sound and can support the weight of the fixture.
- **Heat:** Do not cover the fixture with insulating material. Allow adequate ventilation around the fixture.
- **Damage:** Do not operate the fixture if it is damaged. Contact customer support for assistance.

2. PACKAGE CONTENTS

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

- PROLIGHT 12W Square LED Ceiling Light (1 unit)
- Mounting hardware (screws, wall plugs)
- Instruction Manual (this document)

3. INSTALLATION GUIDE

Follow these steps carefully for safe and correct installation:

1. Prepare for Installation:

- **Turn off Power:** Locate the circuit breaker or fuse box controlling the light circuit and turn off the power. Verify that the power is off using a voltage tester.
- **Gather Tools:** You will need a screwdriver, drill, pencil, measuring tape, and wire strippers.

2. Mark Mounting Position:

- Carefully remove the mounting bracket from the back of the light fixture (if applicable).
- Hold the mounting bracket against the ceiling at the desired installation location. Use a pencil to mark the positions for drilling holes.

3. Drill Holes and Install Wall Plugs:

- Drill holes at the marked positions using an appropriate drill bit size for the provided wall plugs.
- Insert the wall plugs flush with the ceiling surface.

4. Secure Mounting Bracket:

- Align the mounting bracket with the drilled holes and secure it to the ceiling using the provided screws. Ensure it is firmly attached.

5. Wire Connections:

- Connect the electrical wires from the ceiling to the corresponding wires on the light fixture. Typically:

- Live (L) wire (usually brown or red) to the fixture's Live wire.
 - Neutral (N) wire (usually blue or black) to the fixture's Neutral wire.
 - Earth (E) wire (usually green/yellow) to the fixture's Earth terminal (if present).
- Ensure all connections are secure and properly insulated.

6. Attach Light Fixture:

- Carefully align the light fixture with the mounting bracket and secure it. This usually involves twisting or screwing the fixture onto the bracket. Refer to the specific design of your fixture for exact attachment method.

7. Restore Power:

- Once the fixture is securely installed, restore power at the circuit breaker or fuse box.
- Test the light to ensure it functions correctly.



Image 3.1: The PROLIGHT LED Ceiling Light installed in a utility room. This image shows the square LED ceiling light mounted on a white ceiling, providing illumination to a room with a washing machine and dryer.

4. OPERATING INSTRUCTIONS

The PROLIGHT 12W Square LED Ceiling Light is designed for simple operation:

- Once installed and connected to the main power supply, the light is controlled by a standard wall switch connected to the circuit.

- Flip the wall switch to the "ON" position to illuminate the light.
- Flip the wall switch to the "OFF" position to turn off the light.

5. MAINTENANCE

To ensure the longevity and optimal performance of your PROLIGHT LED Ceiling Light, follow these maintenance guidelines:

- **Cleaning:**
 - Always disconnect power before cleaning.
 - Wipe the fixture with a soft, dry, or slightly damp cloth.
 - Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **LED Lifespan:** The integrated LED module is designed for a long lifespan and is not user-replaceable. If the LED fails, the entire fixture may need replacement.
- **Inspection:** Periodically check the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

6. TROUBLESHOOTING

If you encounter issues with your PROLIGHT LED Ceiling Light, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none"> • No power to the fixture. • Loose wire connection. • Faulty wall switch. 	<ul style="list-style-type: none"> • Check the circuit breaker or fuse. • Ensure the wall switch is in the "ON" position. • With power off, check wire connections. If unsure, consult a qualified electrician.
Light flickers or dims.	<ul style="list-style-type: none"> • Loose wire connection. • Incompatible dimmer switch (this fixture is likely non-dimmable unless specified). • Voltage fluctuations. 	<ul style="list-style-type: none"> • With power off, check wire connections. • Ensure a standard ON/OFF switch is used, not a dimmer, unless the product explicitly states dimmable functionality. • Consult an electrician if voltage issues are suspected.
Fixture is physically damaged.	Impact or improper handling.	Do not use. Contact PROLIGHT customer support for replacement or repair options.

7. SPECIFICATIONS

Technical specifications for the PROLIGHT 12W Square LED Ceiling Light:

Brand	PROLIGHT
Model Number	5412748696844

Power Consumption	12 Watts
Light Type	LED
Material	Aluminum
Color	Colorless (Incolore)
IP Rating	IP20
Installation Type	Ceiling Mount
Power Source Type	Corded Electric
Product Dimensions	18.7 x 18.7 x 4.4 cm
Item Weight	520 grams

8. WARRANTY AND SUPPORT

PROLIGHT products are manufactured to high-quality standards. For warranty information, technical support, or to report any issues, please contact your retailer or the PROLIGHT customer service department. Please have your model number (5412748696844) and proof of purchase available when contacting support.

For more information, you may visit the official PROLIGHT website or contact their customer service channels.