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› Ledytech 4-inch Retrofit LED Light Kit User Manual

Ledytech Ledytech-18-white

Ledytech 4-inch Retrofit LED Light Kit User Manual

Model: Ledytech-18-white | Brand: Ledytech

INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your Ledytech 4-inch Retrofit LED Light Kit. Designed to replace existing light panels in ceiling fans, this 18W, 6000K, 2200LM LED kit offers super bright, energy-efficient, and dimmable lighting. Please read this manual thoroughly before installation and retain it for future reference.

SAFETY INFORMATION

- Always turn off power at the circuit breaker before beginning any electrical installation or maintenance.
- Ensure the voltage supply (120V AC) matches the product's requirements.
- This product is designed for indoor use only and is not water resistant.
- If you are unsure about any part of the installation process, consult a qualified electrician.
- Do not attempt to modify the LED panel or its components.
- Keep out of reach of children.

PACKAGE CONTENTS

Please verify that all components are present before beginning installation:

- 1x LED Ceiling Fan Light Retrofit Panel with Driver
- 3x Magnets (pre-attached or separate)
- 2x 15cm Wires
- 1x Wire Connector
- 1x Plastic Cover
- 1x User Manual (this document)

SETUP AND INSTALLATION

Before installation, measure the inner diameter of your light base to ensure compatibility. This 4-inch retrofit kit is suitable for light bases with an inner diameter of 4.5 to 10 inches. The lamp base should ideally be made of metal for easy magnetic attachment; otherwise, screws may be required for secure installation.

Step-by-Step Installation:

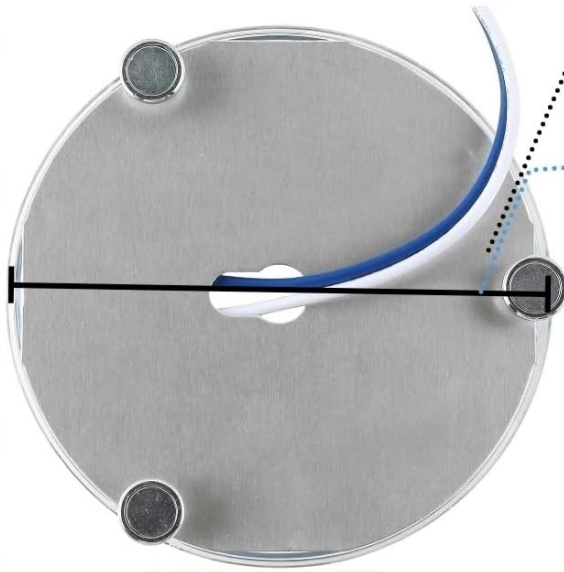
1. **Power Off:** Ensure the power to the ceiling fan is completely turned off at the circuit breaker before starting.
2. **Remove Old Light Fixture:** Carefully remove the existing light bulb(s) and any old light panel or fixture from your ceiling fan.
3. **Prepare Wiring:** Identify the AC120V wires from your ceiling fan's light kit. This LED panel connects directly to AC120V; no additional ballast is needed.
4. **Connect Wires:** Use the provided wire connector to securely connect the wires from the LED panel to the corresponding wires from your ceiling fan's light kit. Ensure a tight and safe connection.
5. **Position LED Panel:** The LED panel features integrated magnets for easy attachment to a metal light base. Position the panel centrally within the light base, allowing the magnets to secure it. If your base is not metal, use appropriate screws (not included) to secure the panel.
6. **Install Plastic Cover:** Place the plastic cover over the LED panel, ensuring it fits securely.
7. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.
8. **Test Functionality:** Turn on the light to confirm proper operation.



Image: The Ledytech 4-inch Retrofit LED Light Kit, showing the integrated magnets on the back for easy installation into metal light bases.

Ledytech 4 inch Ceiling Fan Light replacement kit

Small Size ,Big Power



Outside Diameter 4 inch

Suit light base size 4.5-10inch

ETL Listed



Item Size in Hand Show

Please measure your light base carefully before order

Image: A hand holding the Ledytech 4-inch Retrofit LED Light Kit, illustrating its compact size for easy handling during installation.



steel base and size 4.5-10inch

Suit



Suit

No need additional ballast, Not work on DC



← Must Connect AC120V Directly



Not suit



Not suit

Please note that the lamp base should be made of metal for easy installation, otherwise screws are required for installation. Maybe need tools.

Image: A visual guide showing compatible ceiling fan light bases (steel base, 4.5-10 inch inner diameter) and incompatible types (those requiring additional ballast or not working on DC).

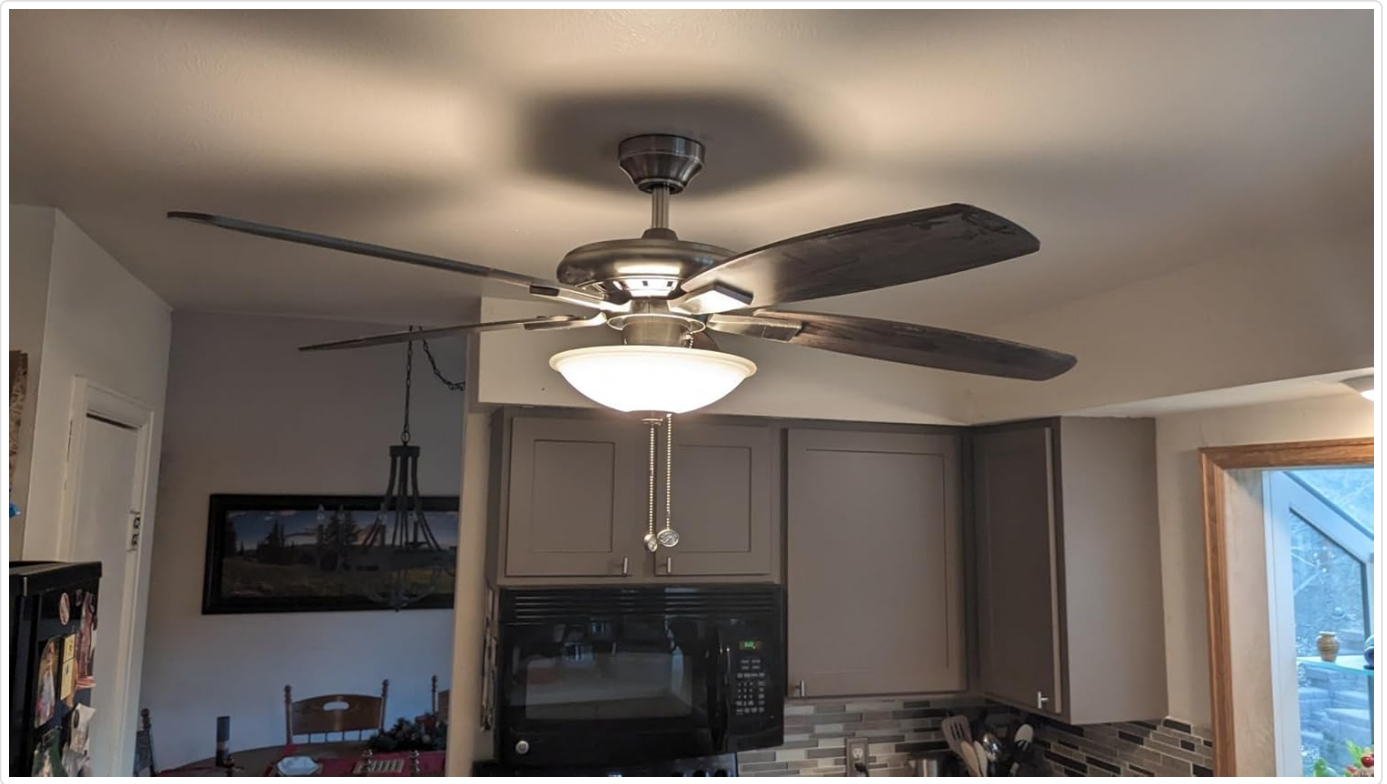


Image: Detailed dimensions of the LED panel, including the placement of the three magnets and the wire connector, with measurements in centimeters and inches.

OPERATING INSTRUCTIONS

The Ledytech Retrofit LED Light Kit is designed for simple operation and enhanced functionality:

- **Turning On/Off:** Use your existing wall switch or ceiling fan remote control to turn the light on and off.
- **Dimmable Functionality:** This LED light kit is fully dimmable. It is compatible with most standard dimmer switches, wall switches, and remote controls designed for dimmable LED lights. Adjust the dimmer to achieve your desired brightness level.

MAINTENANCE

The Ledytech Retrofit LED Light Kit requires minimal maintenance due to its long lifespan and durable design.

- **Cleaning:** Ensure the power is off before cleaning. Gently wipe the plastic cover with a soft, dry cloth. Do not use abrasive cleaners or solvents, as they may damage the surface.
- **Lifespan:** With an average lifespan of 50,000 hours, this LED light significantly reduces the frequency of bulb replacement and maintenance costs.
- **Inspection:** Periodically inspect the light for any loose connections or damage. If any issues are found, turn off the power and address them promptly.

TROUBLESHOOTING

If you encounter issues with your Ledytech Retrofit LED Light Kit, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose wiring connection; faulty switch.	Check circuit breaker. Ensure all wire connections are secure. Test the switch.
Light flickers or pulsates.	Incompatible dimmer switch; loose connection.	Ensure your dimmer switch is compatible with LED lights. Check for loose wiring. If flickering persists, try a different dimmer or operate without a dimmer to confirm the issue.
Light is not bright enough.	Dimmable setting is too low; room size.	Adjust the dimmer to maximum brightness. Ensure the light output (2200LM) is sufficient for your room size.
Panel does not attach securely.	Light base is not metal; magnets are weak.	If the base is not metal, use screws to secure the panel. Ensure magnets are clean and free of debris.

SPECIFICATIONS

Brand	Ledytech
Model Name	XX-CL-18W-42SMD-V2
Item Model Number	Ledytech-18-white
Color Temperature	6000K (Cool White)
Wattage	18 Watts
Brightness	2200 Lumens
Voltage	120 Volts (AC)
CRI (Color Rendering Index)	90.00
Product Dimensions	4"L x 4"W x 0.87"H (3.93 x 3.93 x 0.7 inches)
Material	Aluminum (panel), Polycarbonate (shade)
Average Life	50,000 Hours
Special Features	Energy Efficient, Dimmable, Shock Resistant
Installation Type	Flush Mount
Certification	ETL Listed

WARRANTY AND SUPPORT

This Ledytech Retrofit LED Light Kit comes with a **3-year seller warranty**.

For any questions, technical assistance, or warranty claims, please contact Ledytech customer support through the platform where you purchased the product. Please have your purchase details and model number ready when contacting support.

