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› Fran Outdoor Solar Wall Light User Manual

LUTEC 6941502330

Fran Outdoor Solar Wall Light User Manual

Model: 6941502330

1. INTRODUCTION

Thank you for choosing the Fran Outdoor Solar Wall Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new smart home lighting solution. Please read this manual thoroughly before installation and keep it for future reference.

2. PRODUCT OVERVIEW

The Fran Outdoor Solar Wall Light is a smart, dimmable outdoor lamp equipped with a motion detector, designed for modern smart homes. It features a durable black aluminum square design and offers app control for enhanced convenience.



Front view of the Fran Outdoor Solar Wall Light, showcasing its black frame and white diffuser.

3. KEY FEATURES

- **Smart Home Integration:** Easy-to-access, simple, and reliable smart home solution. Create a free account and configure your lights within minutes using the LUTEC Connect or Tuya App.
- **Dimmable Functionality:** Continuously adjust the white tone from warm white (2700 K) to daylight white (6500 K) and set the lamp's intensity to your preference.
- **Voice Control:** Compatible with Alexa and Google Assistant for convenient voice commands (requires original LUTEC accessory 9706201361, sold separately).
- **Free Application Control:** Control your light via the free LUTEC Connect app or Tuya App (Android 4.4+ or iOS 10.0+).



The Fran Outdoor Solar Wall Light mounted on a wooden wall, with reflections of the sky in a nearby window, illustrating its outdoor application.

4. SETUP AND INSTALLATION

4.1. Package Contents

Ensure all components are present before beginning installation:

- Fran Outdoor Solar Wall Light
- Mounting Material

4.2. Installation Location

Choose a location that receives ample direct sunlight throughout the day to ensure optimal charging of the solar panel. The light is designed for wall mounting.

4.3. Mounting Instructions

1. Mark the desired drilling points on the wall using the light fixture as a template.
2. Drill holes at the marked points.
3. Insert wall plugs (if necessary) into the drilled holes.
4. Secure the light fixture to the wall using the provided mounting screws.



The Fran Outdoor Solar Wall Light mounted on a modern wooden exterior, demonstrating its aesthetic integration.

5. OPERATING INSTRUCTIONS

5.1. Initial Activation

Upon first installation, allow the solar panel to charge for at least 6-8 hours in direct sunlight before first use. The light will automatically activate at dusk when motion is detected.

5.2. App Control (LUTEC Connect / Tuya App)

1. Download the free LUTEC Connect or Tuya App from your device's app store (Android 4.4+ or iOS 10.0+ required).
2. Register for a free account.
3. Follow the in-app instructions to add your Fran Outdoor Solar Wall Light. This typically involves putting the light into pairing mode.
4. Once connected, you can control the light's dimming, color temperature (2700K to 6500K), and motion sensor settings directly from the app.

5.3. Motion Sensor Operation

The integrated motion detector will automatically turn on the light when movement is detected within its range during low-light conditions. Sensitivity and duration settings may be adjustable via the app.



The Fran Outdoor Solar Wall Light illuminated at dusk, installed on a concrete wall, highlighting its warm glow.

6. MAINTENANCE

To ensure optimal performance and longevity of your solar wall light, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the solar panel and light diffuser with a soft, damp cloth to remove dust, dirt, and debris. A clean solar panel ensures efficient charging.
- **Obstruction Check:** Periodically check that no trees, bushes, or other objects are obstructing direct sunlight from reaching the solar panel.
- **Battery:** The integrated battery is designed for long-term use. If the light's performance significantly degrades over time, ensure the solar panel is clean and receiving adequate sunlight.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel is clean and receives 6-8 hours of direct sunlight daily. Relocate if necessary.
Light flickers or is dim.	Low battery charge or dirty solar panel.	Clean the solar panel. Allow for a full day's charge.
Motion sensor not working.	Sensor obstructed or incorrect settings.	Ensure the sensor is clear of obstructions. Check app settings for motion detection sensitivity and duration.
Cannot connect to app.	Light not in pairing mode or app version outdated.	Refer to app instructions for pairing mode. Update the app to the latest version. Ensure your device meets OS requirements.

8. SPECIFICATIONS

Attribute	Value
Brand	LUTEC
Manufacturer	ECO-LIGHT Leuchten GmbH
Model Number	6941502330
Product Dimensions (L x W x H)	7.9 x 18 x 9.1 cm
Item Weight	842 grams
Color	Black

Attribute	Value
Material	Plastic
Finish Type	Matte
Number of Bulbs	1
Included Components	Mounting Material
Voltage	3.7 Volts
Special Features	Dimmable, Motion Detector
Shade Color	Warm White (adjustable to Daylight White)
Shade Material	Plastic
Lighting Angle	LED
Power Source	Solar Powered
Switch Style	App Control
Installation Type	Wall Mount
Batteries Required	Yes (included)
Certification	IP44, Energy Efficiency Class G
Bulb Type	LED
Luminous Flux	800 lumen
Wattage	9.7 Watts

9. WARRANTY AND SUPPORT

Information regarding spare parts availability and guaranteed software updates is not available at this time. For product support, please refer to the contact information provided by your retailer or visit the official LUTEC website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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