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› Tuffenough Solar Outdoor Lights 2500LM 210 LED Security Lights with Remote Control,3 Heads Motion Sensor Lights, IP65 Waterproof,270° Wide Angle Flood Wall Lights with 3 Modes(2 Packs)

Tuffenough

Tuffenough Solar Outdoor Lights User Manual

Model: 8330D-210R

1. INTRODUCTION

Thank you for choosing Tuffenough Solar Outdoor Lights. This product is designed to provide efficient and reliable outdoor lighting for enhanced security and convenience. Featuring a high-brightness LED array, motion sensing capabilities, and multiple lighting modes, these lights are ideal for illuminating courtyards, garages, swimming pools, driveways, and pathways. Please read this manual thoroughly before installation and operation to ensure optimal performance and safety.

2. SAFETY INFORMATION

- Ensure the solar panel receives direct sunlight for optimal charging.
- Do not disassemble or modify the product. Unauthorized modifications may cause damage and void the warranty.
- Keep the product away from fire or high temperatures.
- Avoid direct eye exposure to the light source when illuminated.
- Install the light securely to prevent it from falling.
- This product is IP65 waterproof, suitable for outdoor use, but avoid submerging it in water.

3. PACKAGE CONTENTS

The package includes the following items:

- 2 x Tuffenough Solar Outdoor Lights

- 2 x Remote Controls
- 4 x Screws
- 4 x Plastic Anchors
- 2 x Wall Brackets

4. PRODUCT OVERVIEW

The Tuffenough Solar Outdoor Lights are equipped with advanced features for reliable outdoor illumination.

- **Super Bright LEDs:** 210 high-brightness LED beads producing up to 2500 lumens.
- **Adjustable Heads:** Three adjustable light heads for a 270° wide lighting angle.
- **PIR Motion Sensor:** Detects motion up to 26 feet away.
- **Remote Control:** Conveniently switch between lighting modes.
- **IP65 Waterproof:** Durable design for all-weather resistance.
- **Long Working Time:** Built-in 2000mAh rechargeable battery.



Image: Two Tuffenough solar outdoor lights and their remote control.

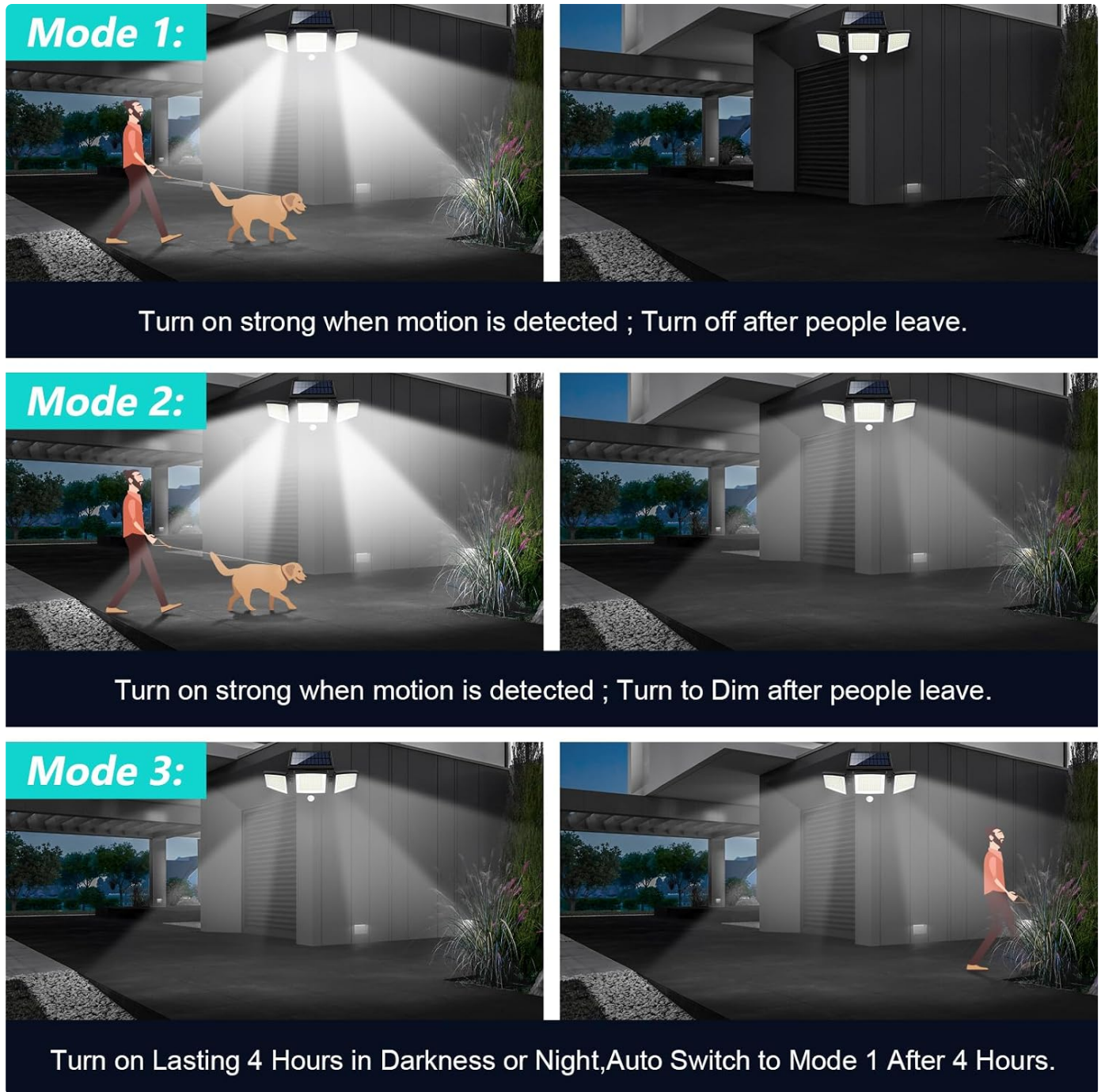


Image: Detailed dimensions of the Tuffenough solar outdoor light.

5. SPECIFICATIONS

Feature	Specification
Brand	Tuffenough
Model Name	8330D-210R
Light Source	210 LED
Brightness	2500 Lumens
Color Temperature	6500 Kelvin (Cold White)

Battery Capacity	2000mAh
Motion Sensor Angle	270°
Motion Sensor Distance	Up to 26 feet
Water Resistance	IP65 Waterproof
Installation Type	Wall Mount
Product Dimensions	11"L x 5.5"W x 3.5"H
Item Weight	2.5 Pounds

6. SETUP AND INSTALLATION

Follow these steps to install your Tuffenough Solar Outdoor Lights:

1. **Choose a Location:** Select a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging. The recommended installation height is 6.5-8 feet (2-2.4 meters) from the ground.
2. **Mark Screw Points:** Use the wall bracket to mark the screw points on the wall.
3. **Install Lamp Base:** Drill holes at the marked points and insert the plastic anchors. Secure the wall bracket using the provided screws.
4. **Mount the Light:** Hang the solar light onto the installed wall bracket, ensuring the solar panel faces upwards towards the sun.
5. **Adjust Light Heads:** Adjust the three light heads to cover your desired illumination area.



Image: Step-by-step guide for mounting the solar light on a wall.

7. OPERATION

Your Tuffenough Solar Outdoor Light features three distinct lighting modes, selectable via the button on the light unit or

the included remote control.

Initial Charging

Before first use, or after prolonged storage, ensure the solar light button is in the OFF state. Allow the solar panel to charge facing direct sunlight for 2-3 days. After this initial charge, turn on the light to activate its functions.



Image: Illustration of the solar light charging during the day and automatically activating at night.

Lighting Modes

Use the remote control or the button on the light to cycle through the modes:

- **Mode 1: Strong Light Sensor Mode**

The light remains off until motion is detected. Upon detection, it illuminates at 100% brightness. The light turns off approximately 15-20 seconds after motion ceases.



Image: Visual representation of Mode 1, where the light activates at full brightness upon motion detection and then turns off.

- **Mode 2: Dim Light Sensor Mode**

The light stays on at a dim brightness (approx. 15%) in darkness. When motion is detected, it switches to 100% brightness. After motion ceases, it reverts to dim brightness.



Image: Visual representation of Mode 2, where the light stays dim and brightens upon motion detection.

- **Mode 3: Strong Long Light Mode**

The light turns on at a constant dim brightness (approx. 15%) in darkness and stays on for approximately 4 hours. After 4 hours, it automatically switches to Mode 1 (Strong Light Sensor Mode).

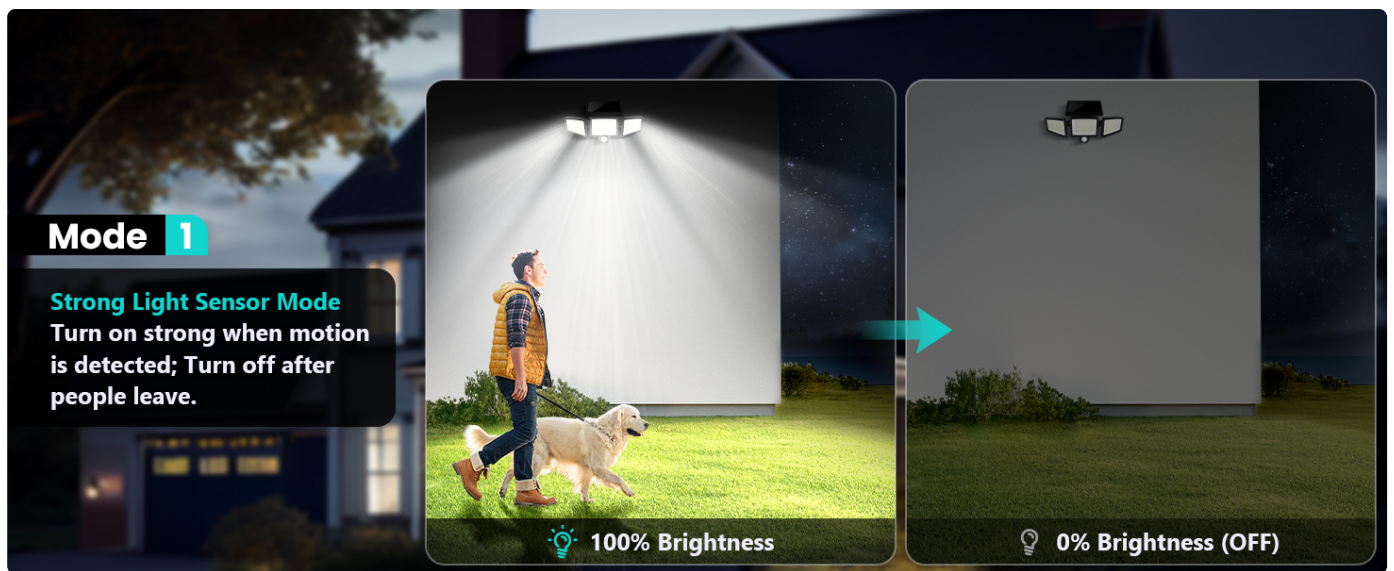


Image: Visual representation of Mode 3, where the light provides continuous dim illumination for a set period.

Remote Control Usage

The included remote control allows for convenient mode selection and power control without needing to access the light unit directly. Point the remote towards the light and press the corresponding button for your desired mode (1, 2, or 3) or to turn the light ON/OFF.

Wireless Remote Control

Control the wireless remote control at any time to choose the mode.



Image: A hand using the remote control to operate the solar light.

8. MAINTENANCE

To ensure the longevity and optimal performance of your solar outdoor lights, follow these maintenance tips:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Clear Obstructions:** Ensure no trees, bushes, or other objects obstruct the solar panel's exposure to direct sunlight throughout the day.
- **Seasonal Adjustments:** In winter or periods of reduced sunlight, the charging efficiency may decrease. Consider adjusting the light's mode or ensuring it receives as much direct sunlight as possible.
- **Check Connections:** Periodically check that the light is securely mounted and all components are intact.

9. TROUBLESHOOTING

If you encounter issues with your Tuffenough Solar Outdoor Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient charging; ON/OFF switch is off; Solar panel is dirty or obstructed.	Ensure the light is in the ON position. Relocate the light to an area with more direct sunlight. Clean the solar panel. Allow 2-3 days for initial full charge.
Light stays on for a short period or is dim.	Battery not fully charged; Frequent activation in high-traffic areas.	Ensure the solar panel receives maximum direct sunlight. Reduce activation frequency by adjusting placement or switching to a different mode if applicable.
Motion sensor is not working.	Sensor obstructed; Incorrect mode selected; Sensor range issues.	Ensure the motion sensor lens is clean and unobstructed. Verify the light is in Mode 1 or Mode 2. Adjust the light's position to optimize sensor range.
Remote control is not working.	Remote battery depleted; Obstruction between remote and light; Remote out of range.	Replace the remote control battery. Ensure a clear line of sight to the light. Operate the remote within its effective range.

10. WARRANTY & SUPPORT

Tuffenough Solar Outdoor Lights come with a limited warranty. For specific warranty details, please refer to the product packaging or contact our customer support.

Our professional customer support team is available to assist you with any questions, concerns, or issues you may have regarding your product. Please reach out to us for prompt assistance.

Customer Support Contact:

For support, please visit the Tuffenough brand store on Amazon or contact us via the platform where you purchased the product.

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

Answered questions about this manual

How do I change the battery in the Tuffenough Solar Outdoor Lights?

Based on the user manual for the Tuffenough Solar Outdoor Lights (Model 8330D-210R), the device uses a built-in 2000mAh rechargeable battery that is designed to be charged via the integrated solar panel. Please note...

[Read full answer](#)