

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [WdtPro](#) /

› [WdtPro Solar Fence Lights Outdoor - 3500K/6000K 2 Modes, Super Bright Lens LED Fence Lights Solar Powered, IP65 Waterproof Solar Deck Light for Outside Patio Step Stair Railing Wall \(6 Pack\) User Manual](#)

WdtPro TDL011

WdtPro Solar Fence Lights Outdoor User Manual

Brand: WdtPro

Model: TDL011

INTRODUCTION

Thank you for choosing WdtPro Solar Fence Lights. These lights are designed to provide efficient and versatile outdoor illumination, enhancing the ambiance and safety of your outdoor spaces. Featuring two lighting modes (Cool White 6000K and Warm Light 3500K), upgraded focused LEDs, and advanced solar technology, these lights are built for durability and long-lasting performance.

This manual provides detailed instructions for the setup, operation, and maintenance of your WdtPro Solar Fence Lights to ensure optimal performance and longevity.



Image: WdtPro Solar Fence Lights illuminating a fence. These lights provide focused illumination for outdoor areas.

KEY FEATURES

- **Dual Lighting Modes:** Easily switch between 6000K Cool White and 3500K Warm Light to match your outdoor aesthetic.
- **Focused Beam & Energy-Saving:** Advanced reflective lenses create a 50-lumen focused beam, covering a wider area with 30% higher solar conversion efficiency.
- **Extended Runtime:** Equipped with monocrystalline solar panels and a 600mAh battery, providing 10-12 hours of illumination after 6-8 hours of charging.
- **Durable & Weatherproof:** Constructed from high-quality ABS materials with IP65 waterproof protection, designed to withstand various weather conditions.
- **Versatile Installation:** Suitable for fences, decks, patios, walls, stairs, and more.

50% Brighter Illumination

Innovative Optical Lens Design for a V-Shaped Beam

Ours

Others



Image: Illustration showing the focused V-shaped beam of WdtPro lights compared to a less focused beam from other lights, highlighting brighter illumination.

Wider & Brighter Beam



Convex Lensed LED

- Superior Brightness
- Ultra Wider Lighting Area
- Enhanced Comfort and Clarity
- Improved Color Accuracy and Uniformity



Convex Lens:

More concentrated light, brighter illumination

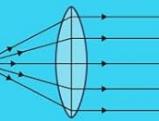


Image: Diagram detailing the wider and brighter beam produced by the convex lensed LEDs, showing light spread and components.

PACKAGE CONTENTS

- WdtPro Solar Fence Lights (6 Pack)
- Mounting Screws

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your solar lights. Please follow these steps carefully:

1. Choose the Right Location

Select a location where the solar panel can receive **direct sunlight** for at least 6-8 hours daily. Avoid areas under trees, eaves, or other obstructions that may cast shadows on the solar panel, as this will significantly reduce charging efficiency and runtime.

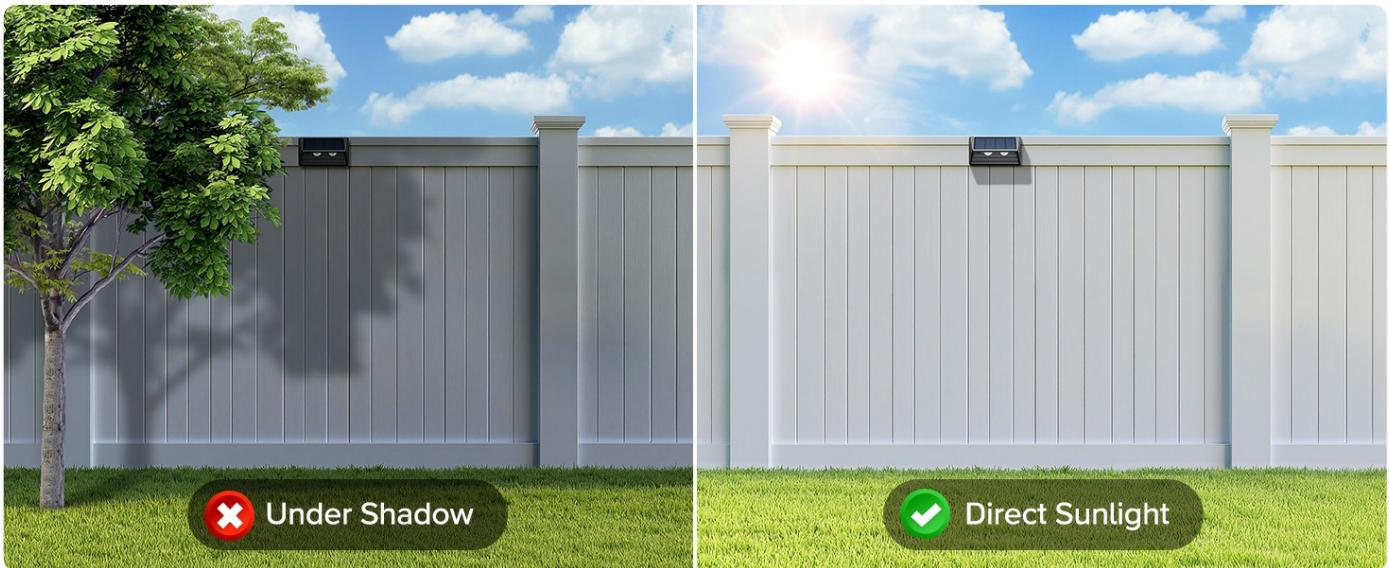


Image: Illustration demonstrating the importance of direct sunlight for solar panel charging.

Also, ensure the installation area is away from other strong light sources (e.g., streetlights, porch lights) at night. These external light sources can trigger the light sensor, preventing the solar light from turning on automatically.



Image: Illustration showing how external light sources can interfere with the solar light's automatic operation.

2. Initial Activation

Before first use, please remove the protective film from the solar panel. Allow the lights to charge in direct sunlight for 6-8 hours to ensure the battery is fully charged.

Dusk to Dawn Auto On/Off



Image: Instructions for initial activation, including removing the protective film from the solar panel.

3. Mounting the Lights

The WdtPro Solar Fence Lights can be installed using two methods:

1. Screw Installation (Recommended):

- Mark the desired mounting points on the surface.
- Drill pilot holes if necessary.
- Align the light with the holes and secure it using the included screws.

2. Adhesive Tape Installation (Not Included):

- Clean the mounting surface thoroughly to ensure it is dry and free of dust or grease.
- Apply strong outdoor-grade double-sided adhesive tape (not included) to the back of the light.
- Press the light firmly onto the desired surface for several seconds.

2 Install Ways



WAY 1: Screw Installation (Included)



WAY 2: Install with Tapes (Not Included)

Image: Illustration of the two available installation methods for the solar lights.

OPERATING INSTRUCTIONS

Your WdtPro Solar Fence Lights are designed for simple, automatic operation.

Automatic On/Off Function

The lights are equipped with a built-in light sensor. They will automatically turn on at dusk and turn off at dawn, provided they have received sufficient sunlight during the day.

Dusk to Dawn Auto On/Off



Image: Depiction of the automatic dusk-to-dawn operation of the solar lights.

Switching Lighting Modes

Each light features a button to switch between the two available lighting modes:

- **Mode 1: Warm Light (3500K)** - Provides a soft, inviting glow.
- **Mode 2: Cool White (6000K)** - Offers a brighter, more modern illumination.

Press the button located on the light to cycle between these modes until you reach your desired color temperature.

Two Lighting Modes

Mode 1
Warm Light



Mode 2
Cool White Light



Image: Visual representation of the two distinct lighting modes: Warm Light and Cool White Light.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your WdtPro Solar Fence Lights.

Cleaning

Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean solar panel ensures maximum sunlight absorption and charging efficiency.

Weather Resistance

These lights are designed with IP65 waterproof protection and are built from durable ABS materials to withstand various weather conditions, including rain, snow, frost, and sleet. No special weather-related maintenance is typically required beyond ensuring the solar panel remains clear.

All Weather Ready



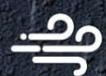
IP65
Waterproof



Heat
Resistance



Frost
Resistance



Windproof



Image: Illustration highlighting the all-weather readiness of the solar lights, including IP65 waterproof rating.

TROUBLESHOOTING

If your WdtPro Solar Fence Lights are not functioning as expected, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

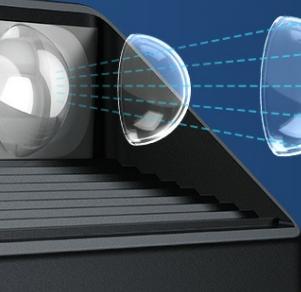
Problem	Possible Cause	Solution
Lights do not turn on at night.	<ul style="list-style-type: none"> Insufficient sunlight exposure during the day. Solar panel is dirty or obstructed. Light sensor is activated by other strong light sources nearby. Initial protective film not removed. 	<ul style="list-style-type: none"> Relocate the light to an area that receives 6-8 hours of direct sunlight. Clean the solar panel regularly. Ensure the light is not installed near streetlights, porch lights, or other bright lights. Remove the protective film from the solar panel.
Lights are dim or only stay on for a short period.	<ul style="list-style-type: none"> Insufficient charging due to cloudy weather or poor placement. Solar panel is dirty. Battery not fully charged. 	<ul style="list-style-type: none"> Ensure the light receives maximum direct sunlight. Allow for a full day's charge before expecting full runtime. Clean the solar panel. Verify the light is in a dark environment at night.
Light mode cannot be changed.	<ul style="list-style-type: none"> Button malfunction or debris. 	<ul style="list-style-type: none"> Gently press the button multiple times. Ensure no debris is obstructing the button. If the issue persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	WdtPro
Model Name	TDL011
Color	Black
Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions	4.6" L x 2.6" W x 1.8" H
Item Weight	1.63 pounds (for 6 Pack)
Power Source	Solar Powered
Light Source Type	LED (Convex Lensed)
Light Color Modes	Cool White (6000K), Warm Light (3500K)
Lumen Output	50 lumens (focused beam)
Battery Capacity	600mAh
Charging Time	6-8 hours (direct sunlight)
Working Time	10-12 hours (after full charge)

Feature	Detail
Water Resistance Level	IP65 Waterproof
Installation Type	Surface Mount (Screws included)

Upgraded Super Bright Lens LED



Ours

High Efficiency Laminated

Upgraded Bright Lenses

600 mAh

10-12 Hours

VS

Solar Panel

Lighting Way

Battery Capacity

Working Time

Others

Low Efficiency Plastic

Without Lenses

200 mAh

6 Hours

Image: Detailed comparison of WdtPro's upgraded features and specifications.

WARRANTY AND SUPPORT

WdtPro stands behind the quality of its products. For specific warranty details, please refer to the product packaging or contact the retailer where you purchased the item. Generally, products are covered by a standard manufacturer's warranty against defects in materials and workmanship.

If you encounter any issues or have questions regarding your WdtPro Solar Fence Lights, please contact WdtPro customer support through the retailer's platform or the official WdtPro website. Please have your model number (TDL011) and purchase information ready when contacting support.

For more information, visit the official WdtPro store: [WdtPro Store on Amazon](#).

© 2025 WdtPro. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - TDL011

 <p>WdtPro S3000 Diffuser: 3D Printable Flashlight Accessory</p> <p>Download the WdtPro S3000 Diffuser, a 3D printable accessory for the WdtPro flashlight. Designed by MarAlMe and available on Printables. Compatible with Prusa MK3/S/S+ printers. Made from PETG filament.</p>	
---	--

