



[Manuals.plus](#) /

› [Lepro](#) /

› Lepro Solar Spotlights Outdoor (Model PR510005-DW-4) - User Manual

Lepro PR510005-DW-4

Lepro Solar Spotlights Outdoor User Manual

Model: PR510005-DW-4

1. INTRODUCTION

Thank you for choosing the Lepro Solar Spotlights Outdoor 4-Pack. This manual provides essential information for the safe and efficient use of your solar spotlights. Please read these instructions carefully before installation and retain them for future reference.



Figure 1: Lepro Solar Spotlights Outdoor 4-Pack

2. SAFETY INFORMATION

- Ensure the solar panel is exposed to direct sunlight for optimal charging.
- Do not dispose of batteries in fire, as they may explode.
- Keep the product away from flammable materials.
- Do not attempt to disassemble or modify the product. Contact customer support for assistance.
- Avoid placing the light in areas prone to heavy shading or under other light sources at night, as this may interfere with the automatic dusk-to-dawn function.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 4 x Lepro Solar Spotlights
- 4 x Ground Stakes
- 8 x Screws

- 8 x Plastic Bolts (Wall Anchors)
- 1 x User Manual



Figure 2: Included components and product dimensions.

4. SETUP AND INSTALLATION

4.1 Initial Charging

Before first use, ensure the solar spotlights are fully charged. Place the lights in direct sunlight for 6-8 hours with the power button switched to either low or high brightness mode. The lights will automatically charge during the day.



Figure 3: Automatic charging during the day and illumination at night.

4.2 Choosing an Installation Location

Select a location where the solar panel can receive maximum direct sunlight for at least 6-8 hours daily. Avoid areas under eaves, trees, or other obstructions that may block sunlight or cast shadows.

4.3 Installation Methods

The Lepro Solar Spotlights offer two installation options:

1. **Ground Mount:** Attach the ground stake to the bottom of the spotlight. Insert the assembled light firmly into soft ground in your garden, pathway, or lawn.
2. **Wall Mount:** Use the provided screws and plastic bolts to secure the spotlight to a wall, fence, or other vertical surface. Ensure the mounting surface is stable and can support the light's weight.



Figure 4: Versatile installation for ground or wall mounting.

4.4 Adjusting the Solar Panel and Light Head

The solar panel and light head can be adjusted independently to optimize sunlight absorption and light direction:

- The solar panel can be adjusted vertically up to 135 degrees to capture maximum sunlight.
- The light head offers a beam angle of 120 degrees and can also be adjusted to direct illumination where needed.

Adjustable Solar Panel

Separated Solar Panel to get max sunlight



| |  Lepre |  Others |
|------------------------------|---|---|
| Structure | Separated | Fixed |
| Head adjustable angle | 135° | X |
| Solar panel adjustable angle | 135° | X |
| Solar panel size | 171cm ² | 129cm ² |
| LED lamp beads | 43 LEDs | 16 LEDs |
| Solar panel material | Amorphous Silicon | Monocrystalline silicon |
| Solar panel surface | Tempered glass | Pet film |

Figure 5: Adjustable solar panel for optimal sunlight exposure.

5. OPERATING INSTRUCTIONS

5.1 Power Button and Brightness Modes

Locate the power button on the back of the light head. Press the button to cycle through the operating modes:

- **First Press:** Activates **High Brightness Mode** (120 Lumens, up to 11 hours illumination).
- **Second Press:** Switches to **Low Brightness Mode** (50 Lumens, up to 15 hours illumination).
- **Third Press:** Turns the light **OFF**.



Figure 6: Power button and brightness mode selection.

5.2 Automatic Dusk-to-Dawn Operation

Once a brightness mode is selected, the light will operate automatically. It will charge during daylight hours and illuminate automatically at dusk, turning off at dawn. No manual intervention is required daily.

6. MAINTENANCE

6.1 Cleaning

Regularly clean the solar panel surface to ensure optimal charging efficiency. Use a soft, damp cloth to wipe away dust, dirt, or debris. Avoid abrasive cleaners or harsh chemicals.

6.2 Weather Resistance

The Lepro Solar Spotlights are designed with an IP65 waterproof rating, making them resistant to rain, snow, and various outdoor conditions. The durable ABS+PC materials ensure longevity.



Figure 7: IP65 waterproof and weather-resistant design.

7. TROUBLESHOOTING

- **Light does not turn on at night:**
 - Ensure the power button is set to either Low or High brightness mode.
 - Verify the solar panel is receiving sufficient direct sunlight (6-8 hours daily).
 - Check if the light is placed near other strong light sources at night, which might trigger the light sensor to keep it off.
- **Light duration is shorter than expected:**
 - The solar panel may not be receiving enough direct sunlight. Adjust its position or clear any obstructions.
 - Cold weather or cloudy days can reduce charging efficiency and battery performance.
 - Ensure the solar panel is clean from dirt or debris.
- **Light flickers or is dim:**
 - The battery charge may be low. Allow for a full day of charging.

- Ensure connections are secure (if applicable, though this model is integrated).

8. SPECIFICATIONS

| Feature | Detail |
|-------------------------------|--|
| Model Number | PR510005-DW-4 |
| Brand | Lepro |
| Light Source | 43 LEDs |
| Color Temperature | 6500K Daylight White |
| Brightness (High Mode) | 120 Lumens |
| Brightness (Low Mode) | 50 Lumens |
| Illumination Time (High Mode) | Up to 11 hours |
| Illumination Time (Low Mode) | Up to 15 hours |
| Battery | 1 Lithium Metal battery (included) |
| Power Source | Solar Powered |
| Water Resistance | IP65 Waterproof |
| Material | Acrylonitrile Butadiene Styrene, Polystyrene |
| Installation Type | Wall Mount, Ground Mount |
| Product Dimensions | 16.7L x 10.4W x 32.8H Centimetres |
| Number of Items | 4-Pack |

9. WARRANTY AND SUPPORT

9.1 Manufacturer's Warranty

This product is covered by a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

9.2 Customer Support

For any questions, concerns, or warranty claims, please contact Lepro customer support:

- **Phone:** +1 833-433-1453
- **Online:** Visit the official Lepro website or your retailer's support page for further assistance.

