

## Lepro 100082-DW-US-2

# Lepro Dusk to Dawn Light Bulbs User Manual

Model: 100082-DW-US-2

## 1. INTRODUCTION

Thank you for choosing Lepro Dusk to Dawn Light Bulbs. These LED bulbs are designed for convenience and energy efficiency, featuring integrated photocell sensors that automatically control illumination based on ambient light levels. This manual provides essential information for the safe and effective use of your new bulbs.

## 2. PRODUCT FEATURES

- **Automatic On/Off:** Equipped with two photocell light sensors, these bulbs automatically turn on at dusk (brightness < 15 lux) and turn off at dawn (brightness > 65 lux).
- **Long Lifespan:** Each LED bulb provides an estimated lifespan of 15,000 hours, reducing the frequency and cost of replacements.
- **Energy Saving:** Replaces traditional 60-watt incandescent bulbs with only 9 watts of LED power, offering significant energy savings.
- **Bright Illumination:** Delivers 806 lumens of bright, Daylight White light (5000 Kelvin).
- **Easy Installation:** Designed with a standard E26 medium screw base, compatible with most outdoor light fixtures.
- **Non-Dimmable:** These bulbs are not compatible with dimmer switches.



Image: Two Lepre A19 E26 LED bulbs with integrated light sensors.



Image: Illustration of the bulb's automatic dusk-to-dawn functionality based on ambient light levels.

### 3. SETUP AND INSTALLATION

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These bulbs are designed for simple installation into compatible fixtures. Follow these steps:

1. **Power Off:** Before installation, ensure the power to the light fixture is turned off at the circuit breaker to prevent electrical shock.
2. **Remove Old Bulb:** Carefully unscrew and remove the existing bulb from the fixture.
3. **Install New Bulb:** Screw the Lepro Dusk to Dawn LED bulb into the E26 medium screw base socket until it is snug. Do not overtighten.
4. **Restore Power:** Turn the power back on at the circuit breaker.
5. **Sensor Placement:** For optimal performance, ensure the bulb's light sensor is not obstructed by the fixture housing or other objects. The sensor needs direct exposure to ambient light to function correctly. Avoid installing in fixtures that are fully enclosed or have opaque covers that block light from reaching the sensor.



Image: Example of automatic outdoor lighting on a porch, no timer needed.

## 4. OPERATION

The Lepro Dusk to Dawn Light Bulbs operate automatically using integrated photocell sensors. Once installed and powered, the bulbs will:

- **Turn On:** When the ambient light level drops below approximately 15 lux (typically at dusk), the bulbs will automatically illuminate.
- **Turn Off:** When the ambient light level rises above approximately 65 lux (typically at dawn), the bulbs will automatically switch off.

No manual intervention or external timers are required for their basic operation. Ensure the sensor is not exposed to direct artificial light sources at night, as this may cause the bulb to turn off prematurely.

# 9W A19 E26 LED Bulb



Image: Various outdoor applications for Lepro Dusk to Dawn bulbs.

## 5. MAINTENANCE

These LED bulbs require minimal maintenance. Follow these guidelines:

- **Cleaning:** Ensure the power is off before cleaning. Gently wipe the bulb with a soft, dry cloth to remove dust or debris. Do not use liquid cleaners or abrasive materials.
- **Replacement:** Due to their long lifespan, frequent replacement is not expected. When replacement is necessary, follow the installation steps outlined in Section 3.
- **No User-Serviceable Parts:** Do not attempt to disassemble or repair the bulb. Doing so will void any warranty and may pose a safety risk.

## 6. TROUBLESHOOTING

If you encounter issues with your Lepro Dusk to Dawn Light Bulbs, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not turn on at dusk.	1. Power is off. 2. Sensor is obstructed or receiving too much light. 3. Bulb is faulty.	1. Check circuit breaker and light switch. 2. Ensure sensor is clear and not exposed to other light sources (e.g., streetlights, other fixtures). 3. Replace the bulb.
Bulb does not turn off at dawn.	1. Sensor is obstructed or not receiving enough light. 2. Bulb is faulty.	1. Ensure sensor is clear and exposed to sufficient daylight. 2. Replace the bulb.
Bulb flickers or cycles on/off.	1. Sensor interference from other light sources. 2. Unstable power supply. 3. Bulb is faulty.	1. Relocate the bulb or adjust fixture to minimize interference. 2. Consult an electrician if power supply is suspected. 3. Replace the bulb.
Bulb is not as bright as expected.	1. Incorrect bulb type. 2. Power issue.	1. Verify the bulb is the correct wattage and lumen output. 2. Ensure stable power supply.

## 7. SPECIFICATIONS

Specification	Detail
Brand	Lepro
Model Number	100082-DW-US-2
Light Type	LED
Special Feature	Auto On/Off, Energy Efficient, Light Sensor
Wattage	9 Watts
Incandescent Equivalent	60 Watts
Bulb Shape Size	A19
Bulb Base	E26 Medium Screw Base
Brightness	806 Lumens
Light Color	Daylight White
Color Temperature	5000 Kelvin
Voltage	120 Volts (100-120V, 60Hz)
Average Life	15,000 Hours
Indoor/Outdoor Usage	Outdoor (Damp-proof) & Indoor
Material	Aluminum, Plastic
Product Dimensions	2.36" W x 4.37" H (60mm Diameter x 111mm Height)



Specification	Detail
Certifications	FCC, UL



Image: Bulb dimensions and energy equivalency (9W LED = 60W Incandescent).

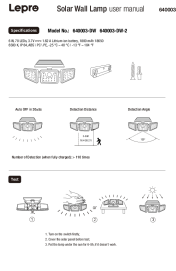

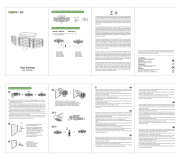


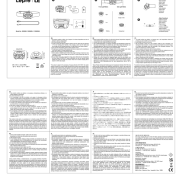
## 8. SAFETY INFORMATION

Please read and follow all safety instructions to prevent injury or property damage:

- **Risk of Electric Shock:** Always turn off the power at the circuit breaker before installing, removing, or cleaning the bulb.
- **Indoor/Outdoor Use:** Suitable for damp locations. Do not expose to direct water spray or submersion.
- **Non-Dimmable:** Do not use with dimmer switches. Use with dimmer switches may damage the bulb or the dimmer.
- **Operating Temperature:** Do not use in enclosed fixtures that restrict airflow, as this may shorten the bulb's lifespan.
- **Disposal:** Dispose of bulbs according to local regulations.

- **Not for Emergency Lighting:** These bulbs are not intended for use in emergency exit fixtures or emergency lights.

## Related Documents - 100082-DW-US-2

	<p><a href="#">Lepro Solar Wall Lamp 640003-DW User Manual</a></p> <p>User manual for the Lepro Solar Wall Lamp, model 640003-DW. Includes specifications, installation instructions, and operational notes for this energy-efficient lighting solution.</p>
	<p><a href="#">Lepro Solar Wall Lamp User Manual</a></p> <p>User manual for the Lepro Solar Wall Lamp, providing installation, operation, and maintenance instructions. Features include adjustable lighting angles, motion detection, and weather resistance.</p>
	<p><a href="#">Lepro Solar Wall Lamp User Manual &amp; Installation Guide (Model 640003-DW)</a></p> <p>Comprehensive user manual and installation guide for the Lepro Solar Wall Lamp (Model 640003-DW). Learn about specifications, setup, operation, and maintenance.</p>
	<p><a href="#">Lepro LED Ceiling Light User Guide: Installation and Specifications</a></p> <p>Detailed user guide for Lepro LED Ceiling Lights, including model specifications, installation instructions, safety information, and dimensions for PR1500024 and PR1500035 series.</p>
	<p><a href="#">Lepro LED Ceiling Light User Guide and Installation Instructions</a></p> <p>Comprehensive user guide for Lepro LED Ceiling Lights, including installation instructions, safety precautions, model specifications, and packing list for models PR150003, PR150004, and PR150005.</p>
	<p><a href="#">Lepro LED Headlamp User Manual and Safety Guide</a></p> <p>Comprehensive user manual for the Lepro LED Headlamp (Model 3200008 series), including features, operating instructions, safety precautions, and contact information.</p>