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› SHINE HAI A19 12W Dusk to Dawn LED Light Sensor Bulbs Instruction Manual

SHINE HAI YMT A19 12W 1925-50

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Model: YMT A19 12W 1925-50

1. INTRODUCTION

Thank you for choosing SHINE HAI A19 12W Dusk to Dawn LED Light Sensor Bulbs. These bulbs are designed to provide efficient and convenient outdoor lighting by automatically turning on at dusk and off at dawn. This manual provides essential information for the proper installation, operation, and maintenance of your new bulbs.



Image 1.1: Four SHINE HAI A19 12W Dusk to Dawn LED Light Sensor Bulbs, showcasing their standard A19 shape and E26 base.

2. PRODUCT OVERVIEW AND FEATURES

The SHINE HAI A19 Dusk to Dawn LED bulbs integrate advanced light sensor technology with energy-efficient LED lighting. Key features include:

- **Automatic Operation:** Built-in light sensor automatically turns the bulb on at night (below 15 Lux) and off during the day (above 30 Lux).
- **High Brightness:** Delivers 1200 Lumens of light output.
- **Daylight White Color:** 5000K color temperature provides a bright, clear light.
- **Energy Efficient:** 12W LED replaces a 100W incandescent bulb, offering significant energy savings.
- **Extended Lifespan:** Designed for over 25,000 hours of use, reducing replacement frequency.
- **Standard Base:** E26 medium screw base for easy installation in common fixtures.
- **Wide Application:** Suitable for various indoor and outdoor locations such as porches, garages, courtyards, and hallways.

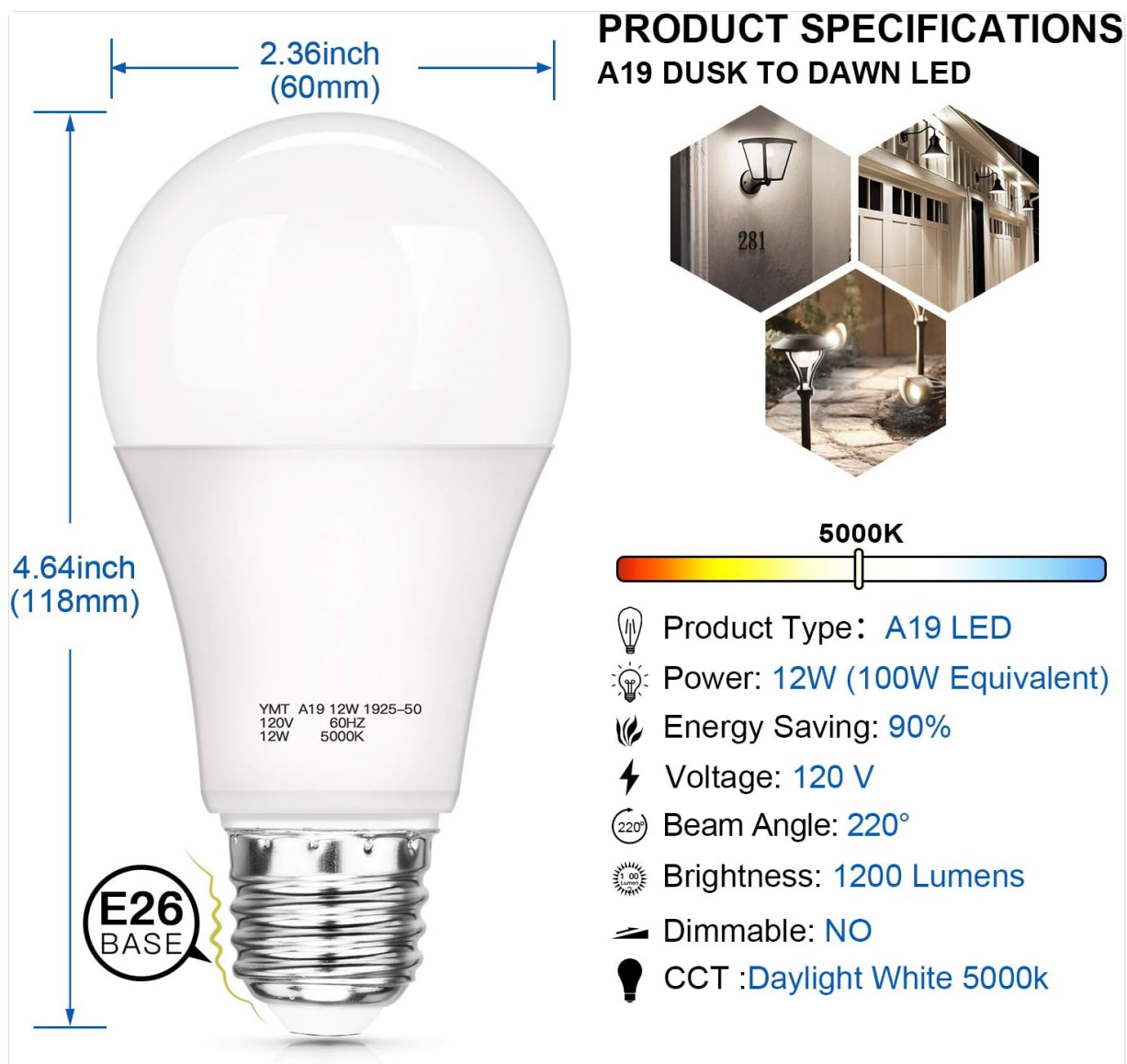


Image 2.1: Product specifications diagram, illustrating dimensions (2.36"W x 4.64"H) and key features like 12W power, 1200 Lumens, 5000K Daylight White, and E26 base.

3. SETUP AND INSTALLATION

Follow these steps for safe and proper installation:

1. **Power Off:** Before installation, ensure the power to the light fixture is turned off at the circuit breaker to prevent electrical shock.
2. **Unpack:** Carefully remove the bulb from its packaging.
3. **Screw In:** Screw the bulb into a standard E26 medium screw base fixture. Ensure it is securely tightened but do not overtighten.
4. **Sensor Placement:** For optimal performance, ensure the bulb's light sensor is not obstructed by the fixture itself or any surrounding objects. Avoid placing the bulb in fixtures that are too enclosed or near other strong light sources (e.g., another bright lamp, street light) that could interfere with the sensor's ability to detect ambient light levels accurately.
5. **Power On:** Restore power to the light fixture at the circuit breaker.



Image 3.1: A person installing a light bulb into a fixture, demonstrating the ease of setup.

4. OPERATING INSTRUCTIONS

Once installed and powered, the SHINE HAI Dusk to Dawn LED bulbs operate automatically:

- The built-in light sensor detects ambient light levels.
- When the ambient light falls below approximately 15 Lux (dusk), the bulb will automatically turn on.
- When the ambient light rises above approximately 30 Lux (dawn), the bulb will automatically turn off.
- No manual switching is required. Ensure the light switch controlling the fixture remains in the 'ON' position for continuous automatic operation.



Image 4.1: Illustration of the automatic dusk to dawn function, showing a light fixture off during the day and on at night.

5. MAINTENANCE

These LED bulbs require minimal maintenance:

- **Cleaning:** Ensure power is off before cleaning. Gently wipe the bulb with a dry, soft cloth to remove dust or debris. Do not use liquid cleaners or abrasive materials.
- **No User Serviceable Parts:** The bulb contains no user-serviceable parts. Do not attempt to disassemble or repair the bulb.
- **Replacement:** Due to their long lifespan, frequent replacement is not typically necessary. Replace the bulb when its light output significantly diminishes or it ceases to function.

6. TROUBLESHOOTING

If you encounter issues with your SHINE HAI Dusk to Dawn LED bulbs, refer to the following:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Bulb does not turn on at dusk.	• Power switch is off. • Insufficient darkness detected by sensor. • Sensor is obstructed. • Bulb is faulty.	• Ensure the light switch is in the 'ON' position. • Check for nearby light sources (e.g., streetlights, other lamps) that might be illuminating the sensor. • Ensure the sensor is not covered by the fixture or debris. • Test the bulb in another fixture or replace it.
Bulb does not turn off at dawn.	• Insufficient light detected by sensor. • Sensor is obstructed. • Bulb is faulty.	• Ensure the bulb is exposed to sufficient daylight. • Ensure the sensor is not covered by the fixture or debris. • Test the bulb in another fixture or replace it.
Bulb flickers or dims.	• Unstable power supply. • Loose connection. • Incompatible dimmer switch (these bulbs are non-dimmable).	• Check your electrical wiring for stability. • Ensure the bulb is securely screwed into the socket. • Do not use with dimmer switches.



Image 6.1: A house exterior with garage lights on at night, illustrating correct operation of the dusk to dawn feature.

7. SPECIFICATIONS

Brand	SHINE HAI
Model Number	YMT A19 12W 1925-50
Light Type	LED
Wattage	12 Watts
Incandescent Equivalent	100 Watts

Brightness	1200 Lumens
Color Temperature	5000K (Daylight White)
Bulb Shape Size	A19
Bulb Base	E26
Voltage	120 Volts
Lifespan	25,000+ Hours
Dimmable	No
Indoor/Outdoor Usage	Indoor, Outdoor
Material	Plastic & Metal (No lead or mercury)
Product Dimensions	2.36"W x 4.64"H
Item Weight	1.6 ounces
Control Method	Automatic (Dusk to Dawn Sensor)

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the product packaging or contact the retailer where the product was purchased. You may also visit the official SHINE HAI website for further assistance.