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Energetic Lighting YGA03C36

Energetic Dusk to Dawn LED Outdoor Light Bulb (Model YGA03C36) Instruction Manual

Model: YGA03C36

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Energetic Dusk to Dawn LED Outdoor Light Bulbs. These bulbs are designed for automatic operation, turning on at dusk and off at dawn, providing convenient and energy-efficient lighting for various indoor and outdoor applications.

Please read these instructions thoroughly before installation and retain this manual for future reference.



Image 1: Energetic Dusk to Dawn LED Light Bulbs. This image displays a pack of four Energetic A19 LED light bulbs, each featuring an E26 screw base and a frosted dome, designed for automatic dusk-to-dawn operation.

2. PRODUCT FEATURES

- **Dusk to Dawn Functionality:** Features an integrated photocell sensor for automatic on/off operation based on ambient light levels.
- **Energy Efficient:** Consumes 6 watts, equivalent to a 60-watt incandescent bulb, resulting in significant energy savings.
- **High Brightness:** Provides 800 lumens of bright, consistent illumination.
- **Daylight Color Temperature:** Emits 5000K daylight white light for a clear and vibrant environment.
- **Standard E26 Base:** Designed for easy installation into common E26 medium screw base fixtures.
- **Extended Lifespan:** Engineered for over 15,000 hours of operational life, reducing replacement frequency.
- **Non-Dimmable:** Not compatible with dimmer switches.
- **ETL Listed:** Certified to meet recognized safety standards.
- **Versatile Application:** Suitable for various indoor and outdoor clear enclosed fixtures, including porches,

hallways, garages, and basements.

3. SETUP AND INSTALLATION

Follow these steps for proper installation:

- Power Off:** Before installing or replacing any bulb, ensure the power to the fixture is turned off at the circuit breaker or wall switch to prevent electrical shock.
- Unpack:** Carefully remove the bulb from its packaging.
- Screw In:** Screw the Energetic Dusk to Dawn LED bulb into a standard E26 base fixture. Ensure it is securely tightened, but do not overtighten.
- Power On:** Restore power to the fixture. The bulb will automatically activate based on ambient light conditions.

Important Considerations:

- For optimal performance of the dusk-to-dawn sensor, ensure the sensor (small clear dome on the bulb) is not obstructed by the fixture or any other objects.
- Avoid installing these bulbs in fixtures that are fully enclosed and do not allow sufficient light to reach the sensor, as this may interfere with its automatic operation.
- Do not use with dimmer switches.

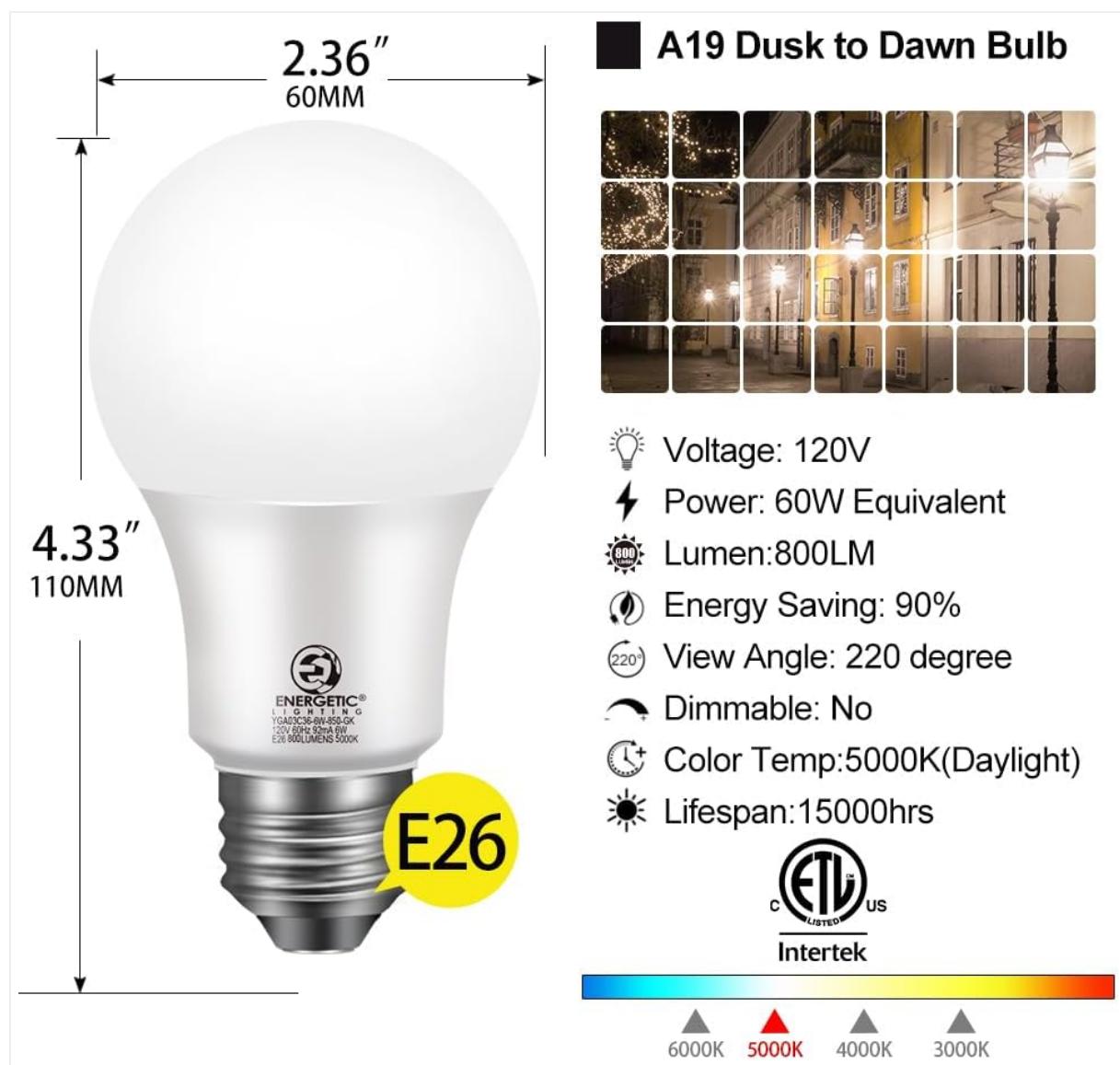


Image 2: Product Dimensions and Key Specifications. This image illustrates the physical dimensions of the A19 bulb (2.36" width, 4.33" height) and lists key technical specifications such as 120V voltage, 60W equivalent power, 800LM

lumen output, 90% energy saving, 220-degree view angle, non-dimmable feature, 5000K daylight color temperature, and 15000-hour lifespan. It also highlights the E26 base and ETL certification.

4. OPERATING INSTRUCTIONS

The Energetic Dusk to Dawn LED bulbs are designed for automatic, hands-free operation:

- Once installed and power is supplied, the bulb's integrated photocell sensor will detect ambient light levels.
- When the ambient light drops below approximately 10 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 for daily operation.



Image 3: Dusk to Dawn Operation. This image visually explains how the bulb functions, showing it automatically turning "ON" at night (Brightness < 10 Lux) and "OFF" during the day (Brightness > 30 Lux). A large bulb is centered with "NIGHT" and "DAY" indicators.

5. MAINTENANCE

Energetic LED bulbs require minimal maintenance. Follow these guidelines to ensure longevity and optimal performance:

- **Cleaning:** Ensure the power is off before cleaning. Gently wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these can damage the bulb or its sensor.
- **Inspection:** Periodically check the bulb and fixture for any signs of damage or loose connections.
- **Sensor Clearance:** Ensure the photocell sensor remains clear of dust, dirt, or obstructions that could interfere with its ability to detect ambient light.

6. TROUBLESHOOTING

If you encounter issues with your Energetic Dusk to Dawn LED bulb, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not turn on at dusk.	<ul style="list-style-type: none"> ◦ No power to the fixture. ◦ Sensor is obstructed or covered. ◦ Ambient light is too high. ◦ Bulb is faulty. 	<ul style="list-style-type: none"> ◦ Check circuit breaker and wall switch. ◦ Ensure the sensor is clear and not blocked by the fixture or debris. ◦ Relocate the fixture or bulb to an area with less ambient light. ◦ Replace the bulb.
Bulb does not turn off at dawn.	<ul style="list-style-type: none"> ◦ Sensor is obstructed or dirty. ◦ Insufficient ambient light reaching the sensor. ◦ Bulb is faulty. 	<ul style="list-style-type: none"> ◦ Clean the sensor and ensure it is not blocked. ◦ Ensure the bulb is in an area that receives sufficient daylight. ◦ Replace the bulb.
Bulb flickers or cycles on/off rapidly.	<ul style="list-style-type: none"> ◦ Interference from other light sources (e.g., streetlights, car headlights). ◦ Loose connection. ◦ Used with a dimmer switch. 	<ul style="list-style-type: none"> ◦ Adjust the fixture's position or shield the sensor from direct interfering light. ◦ Ensure the bulb is securely screwed into the socket. ◦ Remove from dimmer circuit; these bulbs are non-dimmable.

7. SPECIFICATIONS

Model Number	YGA03C36
Light Type	LED
Wattage	6 Watts
Incandescent Equivalent	60 Watts
Brightness	800 Lumens
Color Temperature	5000K Daylight
Bulb Shape Size	A19
Bulb Base	E26
Voltage	120 Volts (AC)
Dimmable	No

Average Life	15,000 Hours
Color Rendering Index (CRI)	80
Product Dimensions	2.36" W x 4.33" H
Certifications	ETL Listed
Indoor/Outdoor Usage	Indoor, Outdoor (in clear enclosed fixtures)



Image 4: Color Temperature Comparison. This image displays the visual difference between 3000K Warm White, 4000K Cool White, and 5000K Daylight light, illustrating the specific 5000K Daylight output of this product. It also highlights a 180-degree beam angle and flicker-free operation.

8. WARRANTY AND SUPPORT

Energetic Lighting provides a **2-year warranty** for any product defects. This warranty covers manufacturing defects and ensures reliable operation under normal use conditions.

For warranty claims, technical assistance, or customer support, please contact Energetic Lighting customer service. Refer to your purchase documentation or the Energetic Lighting website for contact information.

Please note that the warranty does not cover damage caused by improper installation, misuse, accidents, or

unauthorized modifications.

9. SAFETY INFORMATION

- Always turn off power before installation or removal.
- Do not disassemble the bulb.
- Not suitable for fully enclosed fixtures that do not allow the sensor to detect ambient light.
- Do not use with dimmer switches.
- Suitable for dry and damp locations. Not for use in direct water exposure.
- This product is ETL Listed, ensuring compliance with safety standards.
- Not eligible for shipments to California.