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› LUEDD AR111 GU10 12W 2700K Dimmable LED Lamp Set of 5 User Manual

LUEDD 02412

LUEDD AR111 GU10 12W 2700K Dimmable LED Lamp Set of 5 User Manual

1. INTRODUCTION

Thank you for choosing the LUEDD AR111 GU10 12W 2700K Dimmable LED Lamp Set. This set includes five energy-efficient LED lamps designed to provide warm, atmospheric lighting for various indoor spaces such as kitchens, living rooms, and offices. These lamps feature a GU10 base, 12 Watts of power, 720 lumens brightness, and a warm white color temperature of 2700 Kelvin. They are dimmable with an external dimmer (not included) and offer an average lifespan of 25,000 hours.



Image 1.1: The LUEDD AR111 GU10 12W 2700K Dimmable LED Lamp Set of 5. Each lamp features a reflective inner surface and a clear lens, designed for directional lighting.

2. SAFETY INSTRUCTIONS

- Always disconnect power before installing, replacing, or cleaning the lamp.
- Ensure the lamp is suitable for the fixture and voltage (230V) before installation.
- Do not use the lamp in enclosed fixtures without adequate ventilation, as this may shorten its lifespan.
- Avoid touching the lamp when it is operating or immediately after turning it off, as it may be hot.
- Do not disassemble or modify the lamp. There are no user-serviceable parts inside.
- Keep out of reach of children.
- Dispose of old lamps according to local regulations for electronic waste.

3. SETUP AND INSTALLATION

These LED lamps are designed for easy installation into standard GU10 compatible fixtures. Follow these steps carefully:

1. **Turn off power:** Before starting, ensure the power supply to the light fixture is completely switched off at the circuit breaker or fuse box.
2. **Remove old lamp (if applicable):** If replacing an existing lamp, allow it to cool down completely. Gently twist the old GU10 lamp counter-clockwise and pull it out of the socket.
3. **Insert new LED lamp:** Align the two pins of the LUEDD AR111 GU10 LED lamp with the holes in the GU10 socket. Push the lamp gently into the socket and twist clockwise until it is securely in place.
4. **Restore power:** Once the lamp is securely installed, restore power to the fixture.
5. **Test:** Turn on the light switch to ensure the lamp is functioning correctly.



Image 3.1: A close-up view of a single LUEDD AR111 GU10 LED lamp, highlighting its GU10 base for proper alignment during installation.

4. OPERATING INSTRUCTIONS

The LUEDD AR111 GU10 LED lamps are designed for simple operation and dimming functionality.

4.1 Basic Operation

Simply use your existing light switch to turn the lamps on or off. When power is supplied, the lamps will illuminate at their last set brightness level if a dimmer is connected, or at full brightness if no dimmer is present.

4.2 Dimming Functionality

These lamps are dimmable. To utilize the dimming feature, they must be connected to a compatible external dimmer switch (not included). Consult the dimmer's instruction manual for specific operation details. Ensure the dimmer is suitable for LED lamps.

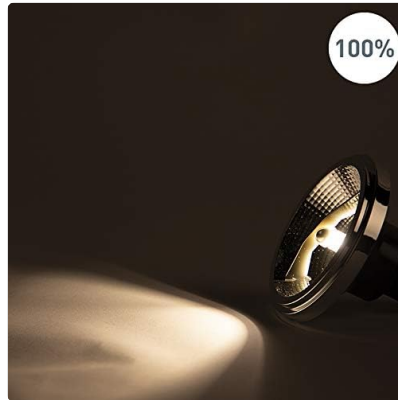


Image 4.1: Lamp operating at 100% brightness, providing full illumination.

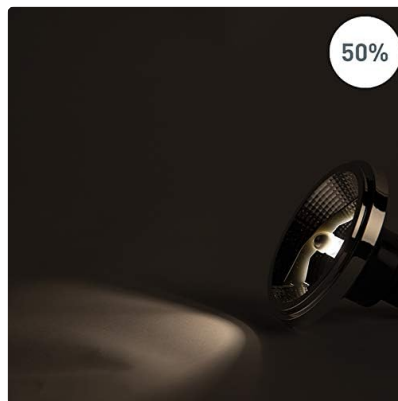


Image 4.2: Lamp operating at 50% brightness, offering reduced light output.

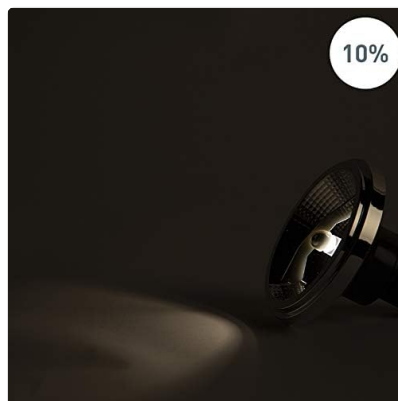


Image 4.3: Lamp operating at 10% brightness, suitable for ambient or mood lighting.

5. MAINTENANCE

The LUEDD AR111 GU10 LED lamps require minimal maintenance.

- **Cleaning:** Ensure the power is off and the lamp is cool before cleaning. Wipe the lamp with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Replacement:** Due to their long lifespan, frequent replacement is not expected. When replacement is necessary, follow the installation steps in Section 3.

6. TROUBLESHOOTING

- **Lamp does not light up:**
 - Check if the power supply to the fixture is on.
 - Ensure the lamp is correctly inserted and twisted securely into the GU10 socket.
 - Verify that the circuit breaker or fuse is not tripped.
 - Test the lamp in another working GU10 fixture, if available, to rule out a faulty lamp or fixture.
- **Lamp flickers or dims inconsistently:**
 - If using a dimmer, ensure it is compatible with LED lamps. Incompatible dimmers can cause flickering or poor performance.
 - Check for loose connections in the fixture or dimmer switch.
 - Ensure the voltage supply is stable (230V).

7. SPECIFICATIONS

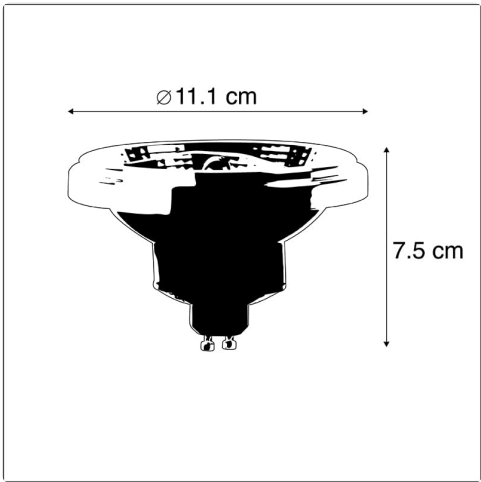


Image 7.1: Dimensional drawing of the LUEDD AR111 GU10 LED lamp, indicating a diameter of 11.1 cm and a height of 7.5 cm.

Feature	Specification
Brand	LUEDD
Model	02412
Light Type	LED
Special Feature	Dimmable
Wattage	12 Watt
Lamp Size	AR111
Bulb Base	GU10
Incandescent Equivalent Wattage	12 Watt
Voltage	230 Voltage
Color Temperature	2700 Kelvin
Number of Items	1 (per lamp, sold as set of 5)

Feature	Specification
Bulb Shape	AR111
Color Rendering Index (CRI)	10
Light Source Wattage	12 Watt
Efficiency Rating	A
Material	Metal
Included Components	Light source included
Item Weight	125 Grams (per lamp)
Average Lifespan	25,000 hours
Luminous Flux	720 Lumens
Diameter	11.1 cm
Height	7.5 cm

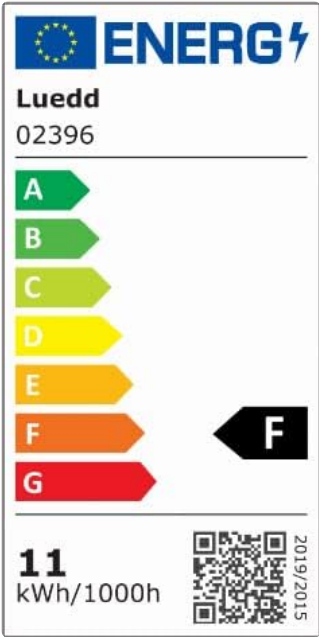


Image 7.2: EU Energy Label for a similar LUEDD product (Model 02396), indicating an efficiency class F and energy consumption of 11 kWh per 1000 hours. [View EPREL database entry](#).

8. WARRANTY AND SUPPORT

Warranty: The product information states "No warranty". Please refer to your retailer's return policy for any issues.

Support: For technical assistance or further inquiries, please contact your point of purchase or visit the LUEDD official website for support resources.

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