

ALIDE ALDE1252

ALIDE

ALIDE E12 Dimmable LED Bulb Instruction Manual

MODEL: ALDE1252

1. Introduction

Welcome to your new ALIDE E12 Dimmable LED Bulbs. These energy-efficient bulbs are designed to replace traditional 40W E12 halogen bulbs, offering warm white 2700K lighting with dimmable functionality. This manual provides essential information for safe installation, operation, and maintenance.

Key Features:

- **Small Size:** E12 C7 5W 2700K warm white dimmable LED bulbs, size 0.65 x 2.05 inches. Base: E12 candelabra Edison screw socket (12MM diameter).
- **Dimmable and No Flicker:** Compatible with most LED dimmers, offering a wider dimming range without flicker or buzz. Can also be used as non-dimmable bulbs.
- **Energy Saving:** 5W LED bulbs provide 450lm brightness, equivalent to 40W halogen, saving electricity. CRI over 80Ra for comfortable soft warm white lighting.
- **Long Lifespan:** Designed for 30,000 hours lifespan with high-quality driver brand LED chips and good heat dissipation.
- **Wide Applications:** Suitable for ceiling lights, chandeliers, salt lamps, pendant lights, window lighting, wall sconces, desk lamps, porch lights, and various indoor and outdoor E12 base lighting fixtures.

2. Important Safety Information

Please read all safety instructions carefully before installation and use to prevent injury or damage.

- **Base Type:** Ensure the fixture has an E12 Candelabra Base. These bulbs are not compatible with E11,

E17, E26, or E27 bases.

- **Dimmer Compatibility:** Use an LED-compatible dimmer for dimming functionality. The bulbs can also operate as non-dimmable.
- **Power Disconnection:** Always cut off power to the fixture at the circuit breaker before installing or replacing bulbs. These bulbs operate at high voltage (110V/120V).
- **Environmental Conditions:** Do not use in humid environments or high temperatures (>40°C), such as ovens.
- **Enclosed Luminaires:** Not suitable for totally enclosed luminaires. Ensure adequate ventilation.
- **Flickering:** If flickering occurs, try the bulb in a different fixture. If used in a ceiling fan, ensure the wall switch is turned on first to prevent flickering.
- **Outdoor Use:** For outdoor applications, a fixture must be added to protect the bulb from water and rain, as the bulb itself is not waterproof.
- **Eye Safety:** These bulbs produce no UV or IR radiation and are designed to be eye-friendly.

3. Product Overview

The ALIDE E12 LED bulb is a compact and efficient lighting solution. It features an E12 candelabra base and a C7/T6 shape.

Alide E12 Led



Traditional E12 halogen



5W $\approx$ 50W

<u>E12 Base</u>	Socket	<u>E12 Base</u>
<u>AC120V</u>	Voltage	<u>AC120V</u>
<u>2700K</u>	CCT	<u>2700K</u>
<u>5W</u>	Wattage	<u>50W</u>
<u>Dimmable, No Flicker</u>	Characteristic	<u>Non-Dimmable, Flicker</u>
<u>450LM</u>	Lumens	<u>400LM</u>
<u>30,000H</u>	lifespan	<u>2,000H</u>
<u>360 °</u>	Beam Angle	<u>270 °</u>

1pcs E12 Led

10pcs E12 halogen

This image illustrates the key differences between the ALIDE E12 LED bulb and a traditional E12 halogen bulb. The ALIDE LED bulb (left) is shown with its E12 base and LED chips, while the traditional halogen bulb (right) is a clear glass bulb. The comparison table highlights that the 5W LED bulb is equivalent to a 50W halogen, provides 450 lumens, has a 30,000-hour lifespan, and is dimmable with no flicker, unlike the 2,000-hour, non-dimmable halogen.

& Please check the size of your fixtures before purchase & It is standard **E12 base.**

0.65in/16.5mm



Dimmable



No Flicker



High CRI



360° Light



Longevity



Radiation-free



High Brightness



Low Consumption



E11 Base



E12 BASE



E14 Base



E17 Base

This diagram provides crucial size information for the ALIDE E12 LED bulb, measuring 0.65 inches (16.5mm) in width and 2.12 inches (54mm) in height. It also visually confirms the correct E12 base compatibility and shows examples of incompatible E11, E14, and E17 bases, advising users to check their fixture's base type before purchase.

4. Installation

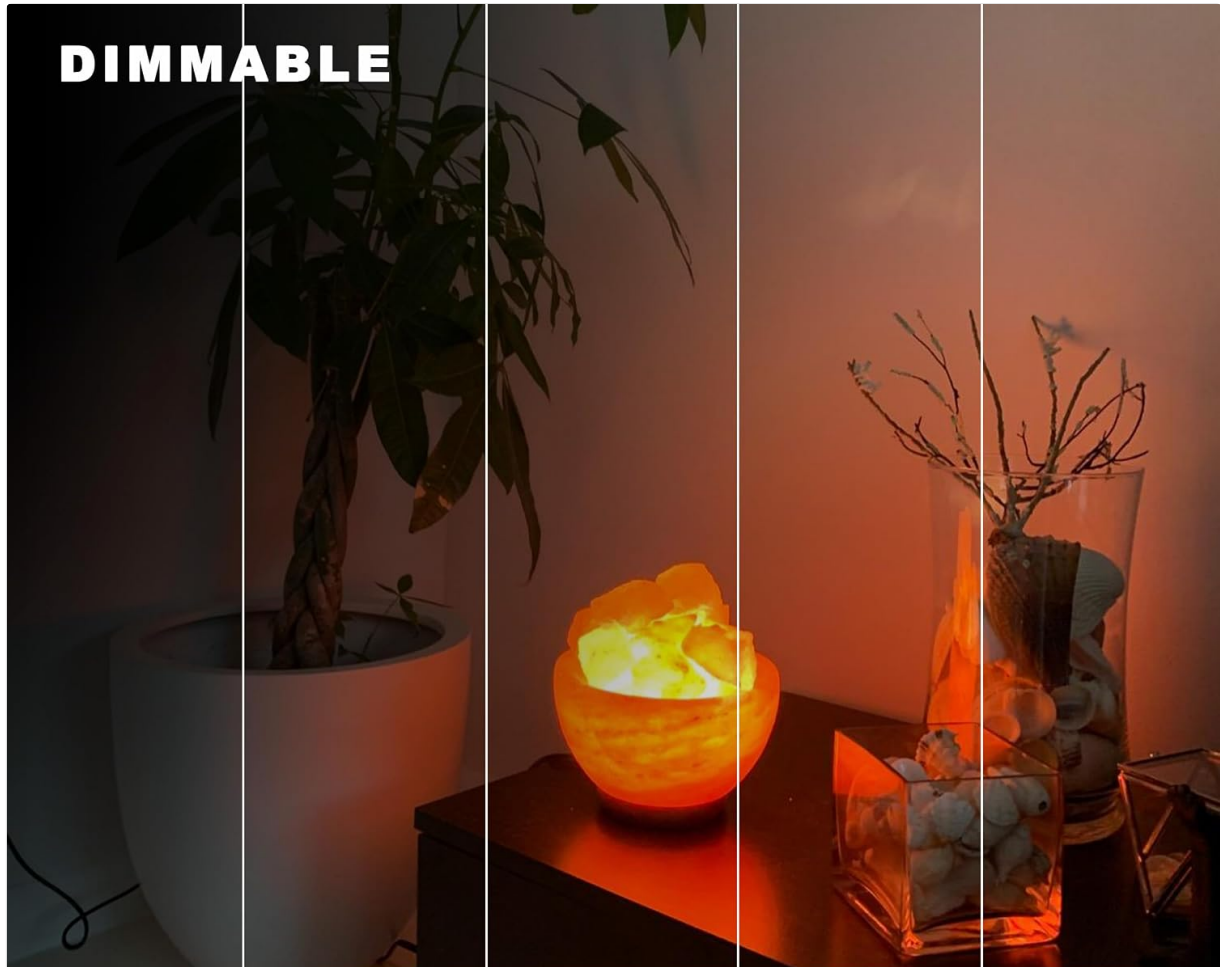
Step-by-Step Installation

1. **Power Off:** Before beginning, ensure the power supply to the fixture is completely turned off at the circuit breaker.
2. **Remove Old Bulb:** Carefully unscrew the existing bulb from the fixture.
3. **Verify Base Type:** Confirm that your fixture has an E12 candelabra base. Refer to the "Product Overview" section for visual guidance.
4. **Install New Bulb:** Gently screw the ALIDE E12 LED bulb into the E12 socket until it is snug. Do not overtighten.
5. **Restore Power:** Turn the power supply back on at the circuit breaker.
6. **Test:** Turn on the light switch to ensure the bulb is functioning correctly.

5. Operation

Dimmable Functionality

The ALIDE E12 LED bulbs are designed to be dimmable, allowing you to adjust the light output from 10% to 100%. For optimal performance, use with an LED-compatible dimmer switch. These bulbs can also be used in non-dimmable fixtures.



Dimming From 10~100%
Compatiable With Most Led Dimmers



This image visually represents the dimmable feature of the ALIDE E12 LED bulbs. It shows a room setting with varying light levels, from a very dim setting on the left to full brightness on the right, illustrating the 10% to 100% dimming range. A graphic at the bottom confirms compatibility with most LED dimmers.

Color Temperature Options

These bulbs are available in various color temperatures to suit different preferences and environments. The current product is 2700K Warm White, providing a soft, inviting glow. Other available options include 4000K Natural White and 6000K Daylight White.

Your browser does not support the video tag.

This video provides a visual demonstration of the ALIDE E12 LED bulbs. It shows the bulbs installed in different applications like chandeliers and highlights the effect of various color temperatures: 2700K Warm White, 4000K Natural White, and 6000K Daylight White. The video also briefly touches upon the dimmable feature and the bulb's specifications.

6. Maintenance

Cleaning

To clean your ALIDE E12 LED bulbs, ensure the power is off and the bulbs are cool. Gently wipe them with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these can damage the bulb or its components.

Lifespan

The ALIDE E12 LED bulbs are designed for a long operational life of approximately 30,000 hours. This reduces the frequency of bulb replacement and maintenance.

7. Troubleshooting

Common Issues and Solutions

- **Bulb Does Not Light Up:**

- Ensure the power supply to the fixture is on.
- Check if the bulb is screwed in correctly and securely.
- Verify that the fixture itself is working by testing with another known-good bulb.

- **Flickering:**

- Ensure you are using an LED-compatible dimmer. Incompatible dimmers can cause flickering.
- If used in a ceiling fan, try turning on the wall switch first.
- Test the bulb in a different fixture to rule out fixture-related issues.
- Power fluctuations can sometimes cause flickering; if persistent, consult an electrician.

- **Dimming Issues:**

- Confirm your dimmer is specifically designed for LED bulbs.
- Some dimmers may have a minimum load requirement; ensure enough bulbs are connected.

NO Flicker *Reduce visual fatigue
Make your eyes more comfortable!*



This image visually compares the performance of an older bulb type with the ALIDE E12 LED bulb. The 'Old Version' on the left shows noticeable flickering, while the 'Improved Version' on the right, featuring the ALIDE bulb, displays stable, flicker-free illumination. The image emphasizes that the ALIDE bulbs reduce visual fatigue.

8. Specifications

Technical Data

Feature	Detail
Brand	ALIDE
Light Type	LED
Wattage	5 Watts
Bulb Shape Size	C7, T6
Bulb Base	E12 Candelabra
Incandescent Equivalent	40 Watts

Feature	Detail
Brightness	450 Lumens
Light Color	Warm White (2700 Kelvin)
Voltage	120 Volts
Average Life	30,000 Hours
Color Rendering Index (CRI)	82.00
Material	Aluminum
Product Dimensions	0.65"W x 2.05"H
Model Number	ALDE1252
UPC	696952173611
Indoor/Outdoor Usage	Indoor (Outdoor with protective fixture)

9. Warranty and Support

Warranty Information

ALIDE products are manufactured to high-quality standards. For specific warranty details, please refer to the product packaging or contact ALIDE customer support. Keep your purchase receipt for warranty claims.

Customer Support

If you encounter any issues or have questions regarding your ALIDE E12 LED bulbs, please contact our customer support team. Visit the ALIDE brand store on Amazon for more information and contact options: [ALIDE Brand Store](#).