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› TORCHSTAR Dimmable A21 LED Light Bulbs (Model XL1A21-D22W50) Instruction Manual

TORCHSTAR XL1A21-D22W50

TORCHSTAR Dimmable A21 LED Light Bulbs Instruction Manual

Model: XL1A21-D22W50

1. PRODUCT OVERVIEW

The TORCHSTAR Dimmable A21 LED Light Bulbs are designed to provide efficient and high-quality illumination for various indoor settings. These bulbs offer a 150W incandescent equivalent brightness while consuming only 22W of power, resulting in significant energy savings. Featuring a high Color Rendering Index (CRI 80+), they ensure colors appear true and vibrant. The bulbs are also dimmable from 10% to 100% without flickering or buzzing, allowing for adjustable ambiance.

This product is UL, Energy Star, and DOE listed, ensuring high standards of quality and energy efficiency. Each bulb has an estimated lifespan of over 25,000 hours.



Image 1.1: Pack of six TORCHSTAR Dimmable A21 LED Light Bulbs.

2. SETUP AND INSTALLATION

Follow these steps for safe and proper installation of your TORCHSTAR LED light bulbs:

1. **Safety First:** Before attempting any installation, ensure the power to the light fixture is turned off at the circuit breaker to prevent electrical shock.
2. **Verify Compatibility:** Confirm that your light fixture uses an E26 standard base. These bulbs are designed for E26 sockets.
3. **Remove Old Bulb:** Carefully unscrew the existing bulb from the fixture. Allow it to cool if it has been recently in use.
4. **Install New Bulb:** Gently screw the TORCHSTAR A21 LED bulb into the E26 socket until it is snug. Do not overtighten.

5. **Restore Power:** Turn the power back on at the circuit breaker.
6. **Test Functionality:** Turn on the light switch to ensure the bulb illuminates correctly.



Image 2.1: Dimensions of the A21 LED bulb and its E26 standard base.

3. OPERATING INSTRUCTIONS

These TORCHSTAR LED bulbs are designed for simple operation and enhanced functionality:

- **Standard Operation:** Once installed, the bulb operates like any standard light bulb. Simply use your wall switch to turn it on or off.
- **Dimmable Functionality:** These bulbs are compatible with most standard LED dimmers, allowing for smooth dimming from 10% to 100% of their brightness. Ensure your dimmer switch is compatible with LED technology for optimal performance and to avoid flickering or buzzing.

- **Light Color:** The bulbs provide 5000K Daylight illumination, offering a bright and crisp white light suitable for task lighting and areas where high visibility is desired.



Image 3.1: Visual representation of the 10-100% dimmable range.

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Video 3.1: This video demonstrates the dimmable functionality and E26 base of the TORCHSTAR A21 LED Light Bulb, showcasing its smooth light adjustment.

4. MAINTENANCE

Maintaining your TORCHSTAR LED light bulbs is straightforward:

- **Cleaning:** Ensure the bulb is cool and the power is off before cleaning. Wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these can damage the bulb's surface or internal components.
- **Replacement:** Due to their long lifespan, frequent replacement is not typically necessary. If a bulb needs replacement, follow the installation steps in Section 2.
- **Disposal:** Dispose of old LED bulbs according to local regulations for electronic waste.

5. TROUBLESHOOTING

If you encounter issues with your TORCHSTAR LED light bulbs, consider the following:

- **Bulb Not Lighting Up:**
 - Check if the power switch is on.
 - Ensure the bulb is screwed in securely into the socket.
 - Verify that the circuit breaker for the fixture is not tripped.
 - Test the bulb in another working fixture to rule out a faulty bulb.
- **Flickering or Buzzing:**
 - This often indicates incompatibility with the dimmer switch. Ensure your dimmer is specifically designed for LED bulbs.
 - Some older dimmer switches may not be compatible with LED technology, leading to performance issues. Consider replacing the dimmer with an LED-compatible model.
 - Ensure the bulb is not loose in the socket.
- **Dim Light Output:**
 - If using a dimmer, ensure it is set to the maximum brightness level.
 - Confirm the bulb's wattage and lumen output meet your lighting requirements.

If these steps do not resolve the issue, please refer to the Support section for further assistance.

6. SPECIFICATIONS

Feature	Specification
Brand	TORCHSTAR
Model Number	XL1A21-D22W50
Light Type	LED
Bulb Shape Size	A21
Bulb Base	E26 Standard Base
Wattage	22 Watts
Incandescent Equivalent	150 Watts
Brightness	2550 Lumens
Color Temperature	5000 Kelvin (Daylight)
Color Rendering Index (CRI)	80+
Dimming Range	10% - 100% Smooth Dimming
Lifespan	25,000+ Hours
Voltage	120 Volts
Indoor/Outdoor Usage	Indoor
Certifications	UL Listed, Energy Star, DOE
Material	Aluminum, Polycarbonate (PC)
Product Dimensions	2.83"W x 5.51"H
Item Weight	5.3 ounces

7. WARRANTY INFORMATION

TORCHSTAR Dimmable A21 LED Light Bulbs are backed by a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage resulting from improper installation, misuse, abuse, or natural disasters. For warranty service, please contact TORCHSTAR customer support.

8. SUPPORT

For further assistance, technical support, or warranty inquiries regarding your TORCHSTAR Dimmable A21 LED Light Bulbs, please visit the official TORCHSTAR website or contact their customer service department. Contact information can typically be found on the product packaging or the brand's official online presence. When contacting support, please have your product model number (XL1A21-D22W50) and proof of purchase readily available.

