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Philips LED A21

Philips LED Non-Dimmable A21 Light Bulb Instruction Manual

Model: A21
Brand: Philips LED

1. Introduction

This manual provides essential information for the safe and effective use of your Philips LED Non-Dimmable A21 Light Bulbs. These bulbs are designed to provide 1500 lumens of daylight (5000-Kelvin) light, equivalent to a 100-watt incandescent bulb, while consuming only 18 watts of power. They feature an E26 medium base and are suitable for standard fixtures. These bulbs are non-dimmable and are California Title 20 compliant.

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

2. Important Safety Information

Always follow basic safety precautions when installing or replacing light bulbs to reduce the risk of fire, electric shock, or injury to persons.

- **WARNING:** Risk of electric shock. Disconnect power before installation.
- Do not use with dimmers. This bulb is non-dimmable. Using it with a dimmer may damage the bulb or the dimmer.
- Not for use in totally enclosed luminaires. Restricted airflow can shorten bulb life.
- Do not use where directly exposed to water. Suitable for dry locations only.
- Do not disassemble or modify the bulb. There are no user-serviceable parts inside.
- Ensure the bulb is cool before handling or replacing.
- This device is not intended for use with emergency exits.

3. Installation

Follow these steps to properly install your Philips LED A21 Light Bulb:

1. **Turn off power:** Before replacing an existing bulb, ensure the power to the fixture is turned off at the switch and, if necessary, at the circuit breaker.
2. **Remove old bulb:** Carefully unscrew the old bulb from the fixture. Allow it to cool if it was recently in use.
3. **Install new bulb:** Screw the Philips LED A21 bulb into the standard E26 medium base socket. Turn clockwise until it is finger-tight. Do not overtighten.
4. **Restore power:** Turn the power back on at the switch and circuit breaker.



Figure 3.1: A single Philips LED A21 light bulb, ready for installation into a standard E26 base fixture.

4. Operation

Your Philips LED A21 light bulb is designed for simple operation. Once installed, it functions like a traditional light bulb.

- **On/Off:** Control the light by using the standard wall switch connected to the fixture.
- **Non-Dimmable:** This bulb is specifically designed as non-dimmable. Do not attempt to use it with dimmer switches, as this can lead to premature failure of the bulb or damage to the dimmer.
- **Instant On:** The bulb provides full brightness immediately upon being switched on, with no warm-up time.

5. Maintenance and Care

Philips LED A21 light bulbs require minimal maintenance. Following these guidelines will help ensure their longevity and performance:

- **Cleaning:** Ensure the power is off and the bulb is cool before cleaning. Wipe the bulb with a soft, dry cloth. Do not use liquid or abrasive cleaners.
- **Handling:** Handle the bulb by its base, not the glass or plastic dome, to avoid transferring oils or causing damage.
- **Storage:** If storing bulbs, keep them in their original packaging in a cool, dry place to protect them from damage.

6. Troubleshooting

If you encounter issues with your Philips LED A21 light bulb, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture. Bulb not screwed in properly. Bulb is faulty.	Check the wall switch and circuit breaker. Ensure the bulb is securely screwed into the socket. Test the bulb in a known working fixture. If still not working, replace the bulb.
Bulb flickers.	Loose connection. Incompatible dimmer switch (if accidentally used). Voltage fluctuations.	Ensure the bulb is tightly screwed in. **Do not use with dimmers.** If connected to a dimmer, remove it and connect to a non-dimmable circuit. Consult an electrician if voltage issues are suspected.
Light is too dim.	Incorrect bulb wattage for desired brightness.	Ensure the bulb's lumen output (1500 lumens) meets your lighting needs. This bulb is equivalent to a 100-watt incandescent.

7. Specifications

Detailed technical specifications for the Philips LED Non-Dimmable A21 Light Bulb:

Feature	Specification
Model Number	A21 (531756)
Light Type	LED
Wattage	18 Watts
Incandescent Equivalent	100 Watts

Feature	Specification
Brightness	1500 Lumens
Color Temperature	5000 Kelvin (Daylight)
Bulb Base	E26 (Medium)
Voltage	120 Volts
Dimmable	No (Non-Dimmable)
Average Life	10,950 Hours (approx. 10 years at 3 hrs/day)
Material	Plastic
Dimensions (W x H)	3.07" x 5.51"
Special Features	Frosted, Full Spectrum, Non Dimmable


5.51"
PHILIPS
3.07"

Figure 7.1: Approximate dimensions of the Philips LED A21 light bulb.

8. Warranty and Support

Warranty: This Philips LED A21 Light Bulb comes with a 3-year manufacturer's warranty. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

Customer Support: For technical assistance, warranty claims, or further information, please visit the official Philips Lighting website or contact their customer service department. Refer to the product packaging for specific contact details or visit www.usa.philips.com/c-m/consumer-support.

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