LiteHistory T8-4C27K-60Watt-6Pack

LiteHistory LED Bulb Instruction Manual

Model: T8-4C27K-60Watt-6Pack
Brand: LiteHistory

Product Overview

The LiteHistory LED Bulb is a dimmable, energy-efficient lighting solution designed to replace traditional 60-watt incandescent bulbs. Featuring a classic Edison-style T6/T25/T8 tubular shape and an E12 candelabra base, these bulbs provide 600 lumens of warm white 2700K light with a 360-degree beam angle. They are engineered for smooth dimming, flicker-free operation, and a long lifespan, making them suitable for various fixtures including chandeliers, ceiling fans, pendants, and wall sconces.

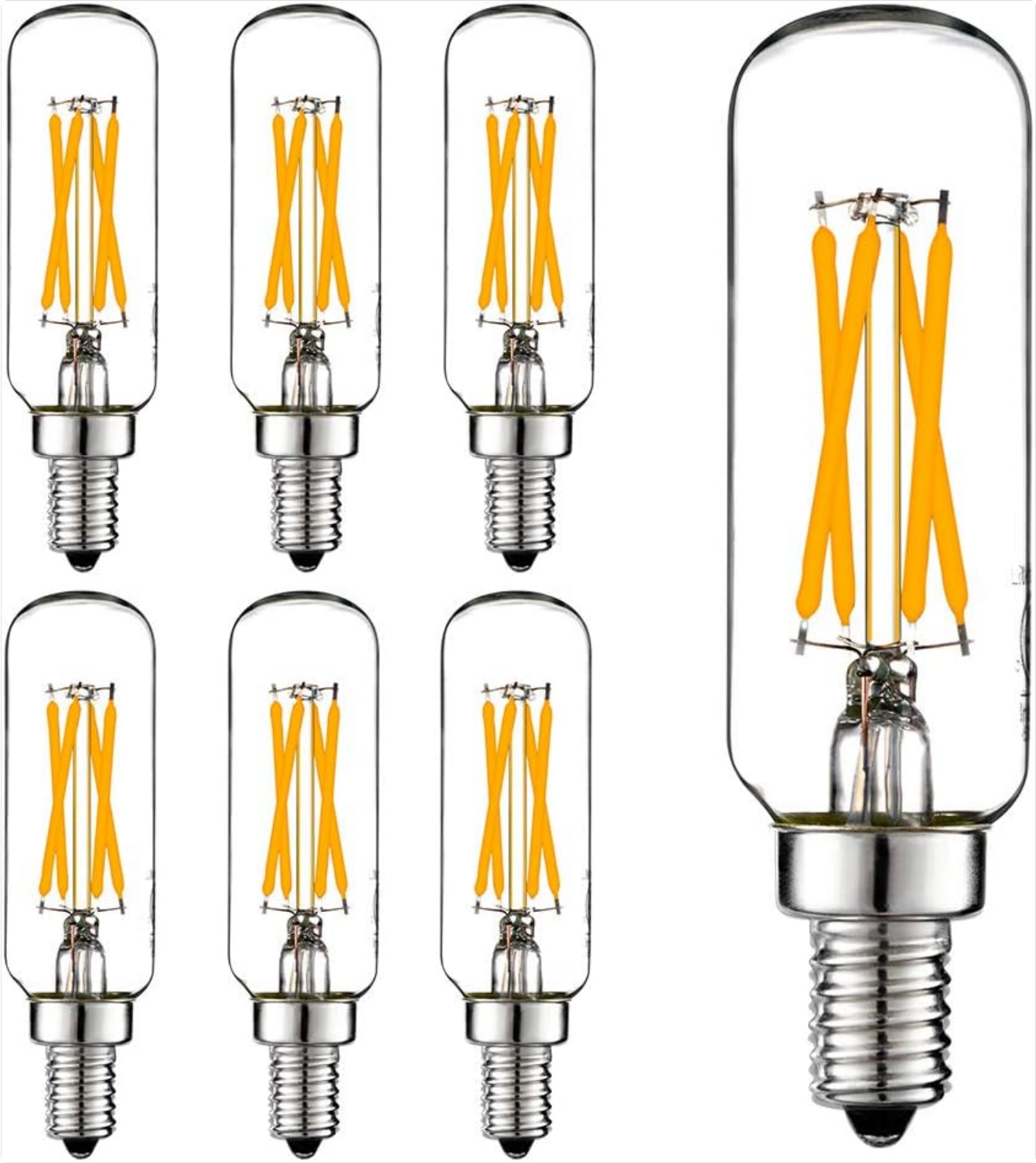


Figure 1: LiteHistory LED Bulb (6-pack)

Key Features

- **Smooth Dimmability:** Compatible with 95% of local dimmers (e.g., Skylark, Davi, Toggler, Caseta, Maestro), allowing for 0%-100% smooth dimming without flicker or buzzing.
- **Eye-Caring & Flicker-Free:** Provides a stable, non-flickering, and non-buzzing light output, protecting eyesight and ensuring comfortable illumination.
- **Energy Saving & Vintage Aesthetic:** Consumes only 6W while providing light equivalent to a 60W incandescent bulb, offering up to 90% energy savings. Designed with a classic Edison filament style for aesthetic appeal.

- **High Lumen & Wide Beam:** Delivers 600 lumens of bright light with a 360-degree beam angle, ensuring even light distribution and minimizing harsh shadows.
- **Long Lifespan:** Rated for up to 25,000 hours of life, significantly reducing the frequency of bulb replacements.

Setup and Installation

Before installation, ensure the power to the light fixture is turned off at the circuit breaker to prevent electrical shock. Allow existing bulbs to cool completely before handling.

1. **Verify Compatibility:** Confirm your fixture uses an E12 candelabra base and that the bulb's dimensions (0.98"W x 3.4"H) fit within your fixture.
2. **Remove Old Bulb:** Carefully unscrew the old bulb from the E12 socket by turning it counter-clockwise.
3. **Install New Bulb:** Gently screw the LiteHistory LED bulb into the E12 socket by turning it clockwise until it is snug. Do not overtighten.
4. **Restore Power:** Turn the power back on at the circuit breaker.
5. **Test Functionality:** Turn on the light switch to ensure the bulb illuminates. If using a dimmer, test the dimming range.

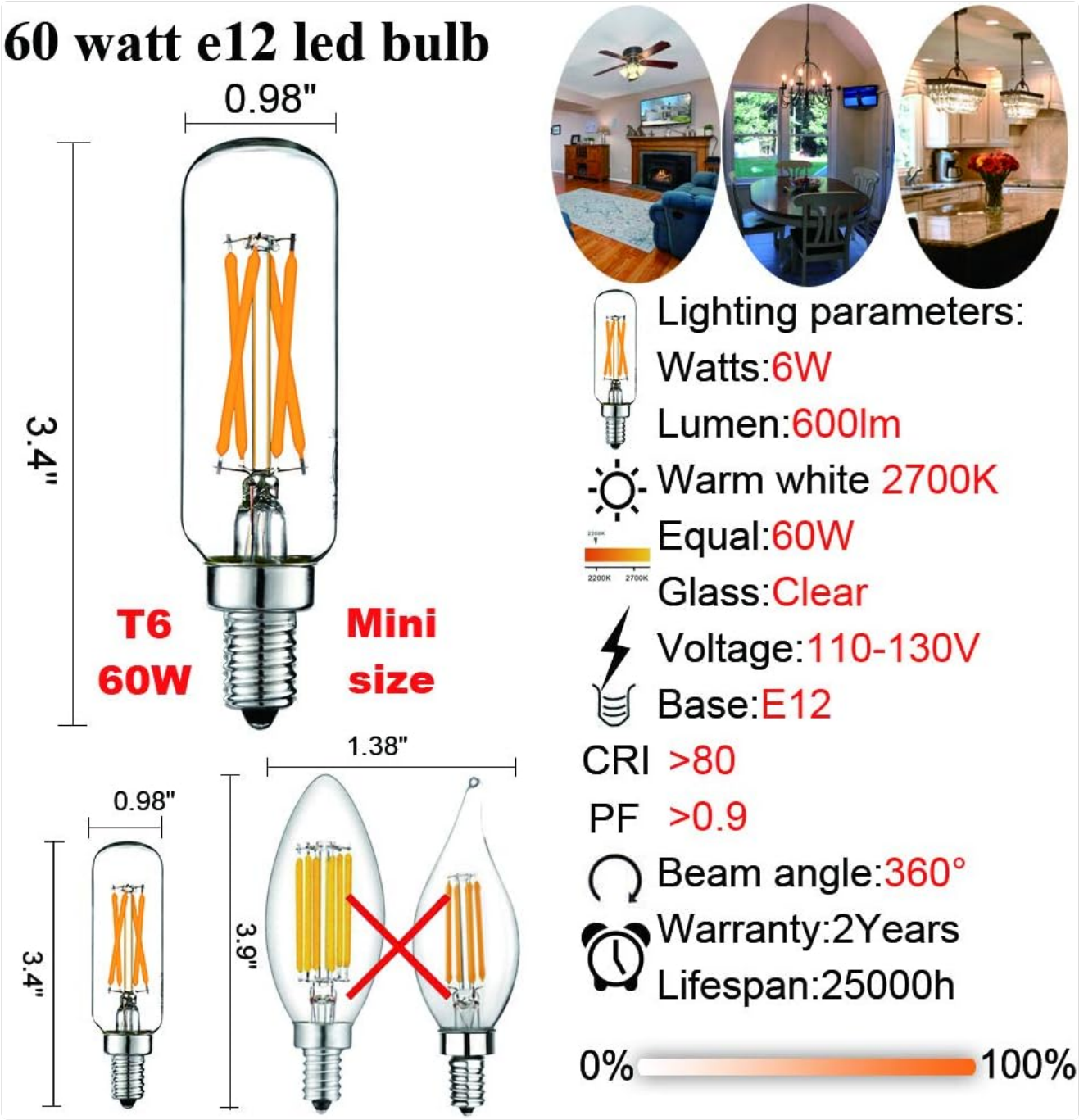


Figure 2: Bulb Dimensions and Specifications

Operating Instructions

The LiteHistory LED Bulb operates like a standard light bulb but offers enhanced features for optimal lighting control.

- **Standard Operation:** Simply use your existing light switch to turn the bulb on or off.
- **Dimming Functionality:** If connected to a compatible dimmer switch, adjust the dimmer control to achieve your desired brightness level. The bulb supports smooth dimming from 0% to 100%.
- **Instant On:** The bulb provides instant full brightness without any warm-up time.

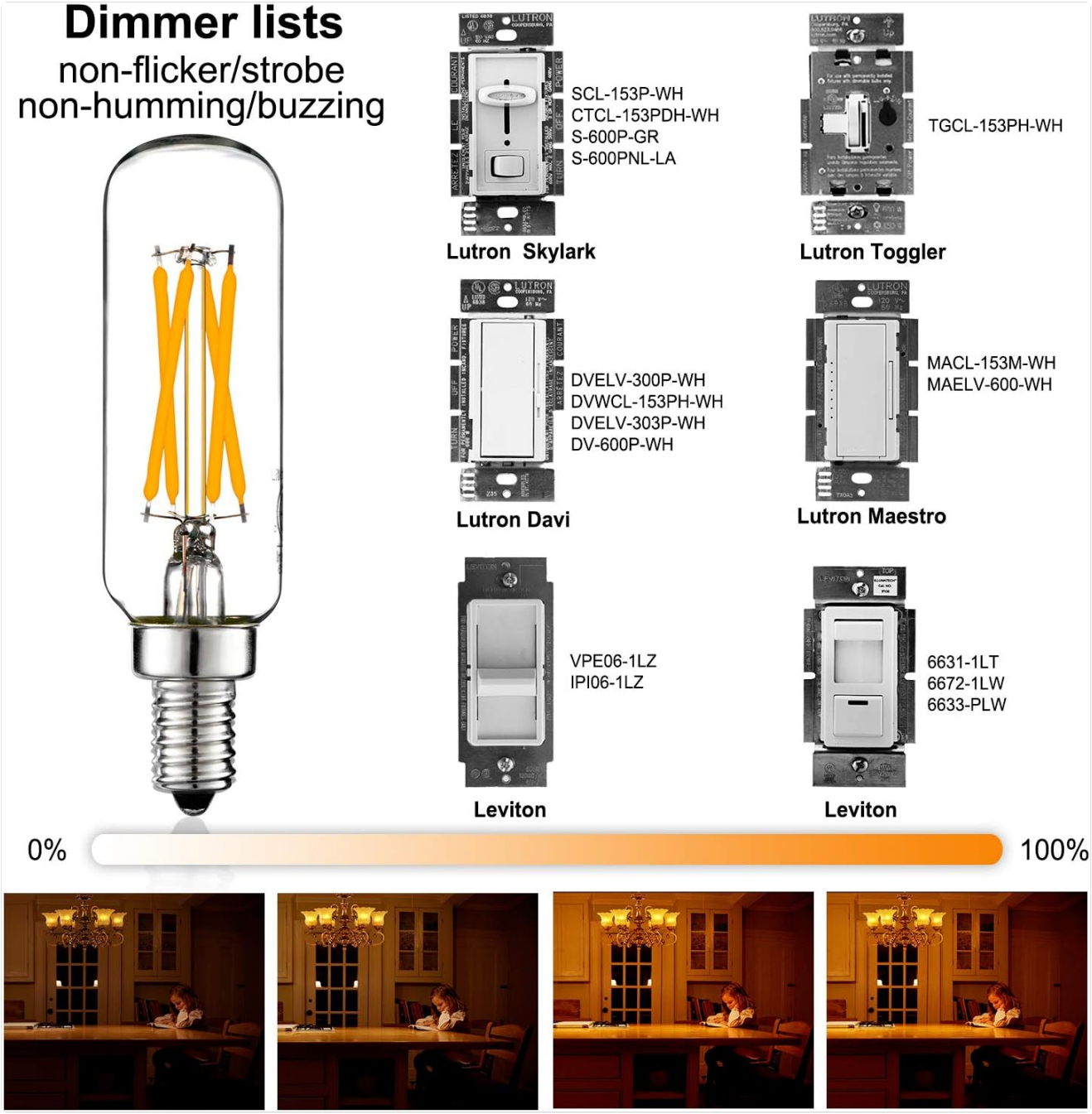


Figure 3: Compatible Dimmers and Dimming Range

Maintenance

LiteHistory LED bulbs are designed for long-term, maintenance-free operation. However, basic care can help ensure optimal performance.

- **Cleaning:** Before cleaning, ensure the power is off and the bulb is cool. Wipe the bulb gently with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Replacement:** Due to their long lifespan (up to 25,000 hours), frequent replacement is not typically required. Replace the bulb only when it ceases to function.

Troubleshooting

Problem	Possible Cause	Solution
Bulb does not light up.	Power is off. Bulb not screwed in properly. Faulty bulb or fixture.	Check circuit breaker and light switch. Ensure bulb is securely tightened in the socket. Test bulb in another fixture or try a new bulb.
Bulb flickers or buzzes.	Incompatible dimmer switch. Loose connection.	Ensure dimmer is LED-compatible. Refer to Figure 3 for compatible dimmer types. Tighten the bulb in the socket.
Light output is too dim or too bright.	Dimmer setting. Incorrect wattage equivalent for desired brightness.	Adjust the dimmer switch to your preferred level. Consider a different wattage equivalent bulb if consistent brightness is not met.



Figure 4: Flicker-Free Operation

Specifications

Specification	Value
Brand	LiteHistory
Model Name	T8-4C27K-60Watt-6Pack
Light Type	LED
Wattage	6.00 Watts
Incandescent Equivalent Wattage	60 Watts
Bulb Shape Size	T6
Bulb Base	E12
Brightness	600 Lumen
Light Color	Warm White
Color Temperature	2700 Kelvin
Color Rendering Index (CRI)	80.00
Beam Angle	360 Degrees
Voltage	120 Volts (AC120V)
Frequency	60 Hertz
Average Life	25000 Hours
Material	Glass
Product Dimensions	0.98"W x 3.4"H
Indoor/Outdoor Usage	Outdoor, Indoor
Certification	ETL



Figure 5: Color Rendering Index (CRI) Comparison

Warranty and Support

LiteHistory LED bulbs come with a 2-year warranty, ensuring product quality and performance. For any questions, technical assistance, or warranty claims, please contact LiteHistory customer support through the retailer's platform or visit the official LiteHistory store.

Online Store: LiteHistory Amazon Store

Application Examples

The versatile design and warm white light of LiteHistory LED bulbs make them ideal for a variety of indoor and

outdoor lighting applications, enhancing the ambiance of any space.



Kitchen & Dining Area



Living Room & Ceiling Fan



Dining Room Chandelier

Pendant Lighting



Sputnik Fixture

© 2024 LiteHistory. All rights reserved.
For more information, visit LiteHistory Store