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› ENERGETIC SMARTER LIGHTING LED Candelabra Light Bulbs B10 User Manual

ENERGETIC SMARTER LIGHTING YGA16A00

ENERGETIC SMARTER LIGHTING LED Candelabra Light Bulbs B10 User Manual

Model: YGA16A00 | Brand: ENERGETIC SMARTER LIGHTING

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your ENERGETIC SMARTER LIGHTING LED Candelabra Light Bulbs. These B10-shaped LED bulbs feature a Daylight 5000K color temperature, E12 candelabra base, and are dimmable, offering a 60-watt incandescent equivalent light output with only 5 watts of power consumption. Please read this manual thoroughly before installation and operation.



Figure 1.1: ENERGETIC SMARTER LIGHTING LED Candelabra Light Bulbs (8-pack).

2. SAFETY INFORMATION

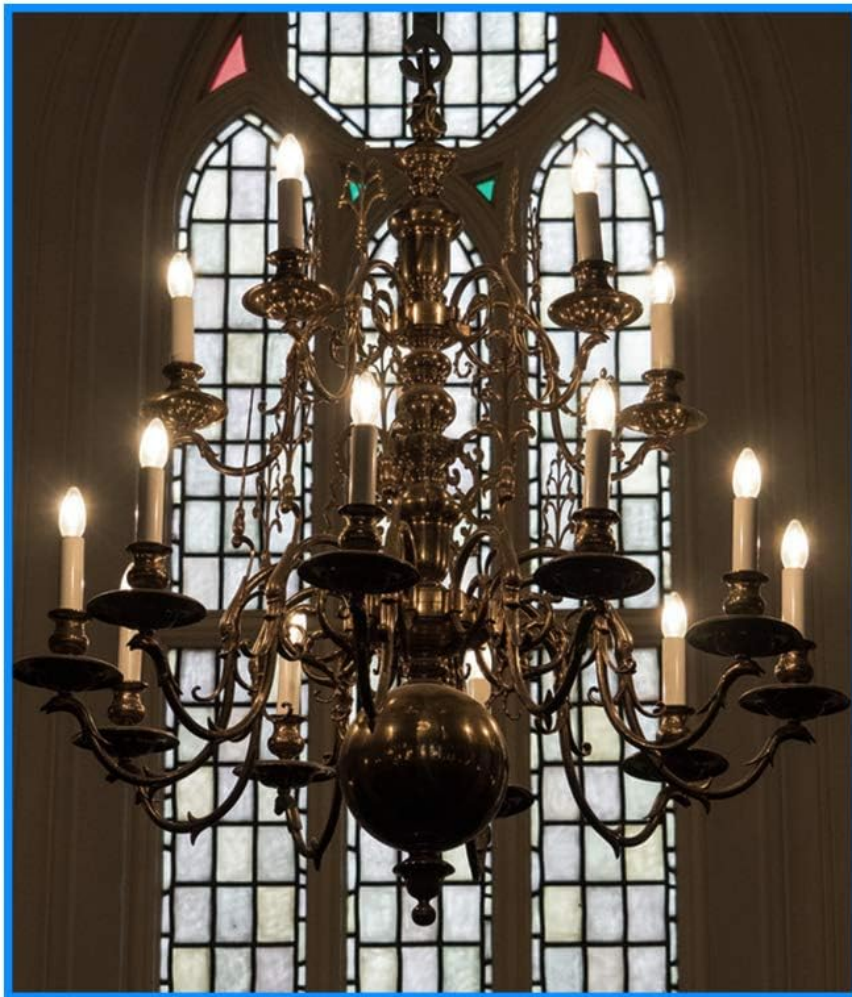
- **Risk of Electric Shock:** Always turn off power to the fixture at the circuit breaker before installing, removing, or inspecting the bulb.
- **Indoor Use Only:** These bulbs are designed for indoor use in dry locations. Do not expose to water or damp conditions.
- **Proper Base:** Ensure the fixture has an E12 candelabra base socket. Forcing the bulb into an incompatible socket may cause damage or electrical hazard.
- **Dimmable:** These bulbs are dimmable. Use only with compatible LED dimmers to avoid damage or performance issues. Refer to the 'Operating Instructions' section for compatible dimmer types.
- **Operating Temperature:** Do not install in totally enclosed fixtures that may trap excessive heat, as this can shorten bulb lifespan.
- **Disposal:** Dispose of bulbs according to local regulations. Do not dispose of with general household waste.

3. PRODUCT OVERVIEW AND FEATURES

The ENERGETIC SMARTER LIGHTING LED Candelabra Bulbs are designed for efficiency and aesthetic appeal, suitable for chandeliers, pendant lighting, and sconces.

- **Style:** Antique B10 candle shape with a clear bubble shell and bullet top.
- **Color Temperature:** Daylight 5000K, providing a bright, crisp white light.
- **Dimmable:** Features upgraded deep dimming compatibility, allowing brightness adjustment from 5% to 100%.
- **Energy Saving:** Consumes only 5 watts while emitting 500 lumens, equivalent to a 60-watt incandescent bulb.
- **Long Lifespan:** Designed for over 15,000 hours of operation, reducing the frequency of bulb replacement.
- **Beam Angle:** 360-degree beam angle for wide light distribution.
- **No Flicker and Noise:** Engineered to provide stable illumination without visible flicker or audible hum.

5W/500LM/5000K



Dimmable



Super Bright



360° Beam Angle



CRI>80

Figure 3.1: Key features of the LED Candelabra Bulb.



Figure 3.2: Visual comparison of 2700K Soft White versus 5000K Daylight color temperatures.

4. SETUP AND INSTALLATION

Follow these steps to safely install your LED Candelabra Light Bulbs:

1. **Turn Off Power:** Before beginning installation, ensure the power to the light fixture is completely turned off at the circuit breaker or fuse box.
2. **Allow Cooling (if replacing):** If replacing an existing incandescent bulb, allow it to cool down completely before handling to prevent burns.
3. **Remove Old Bulb (if applicable):** Carefully unscrew the old bulb from the E12 candelabra base socket by turning it counter-clockwise.
4. **Install New Bulb:** Gently screw the ENERGETIC SMARTER LIGHTING LED Candelabra Bulb into the E12 socket by turning it clockwise until it is snug. Do not overtighten.
5. **Restore Power:** Once the bulb is securely installed, restore power to the fixture at the circuit breaker.
6. **Test:** Turn on the light switch to confirm the bulb is functioning correctly.



Figure 4.1: Examples of LED Candelabra Bulbs installed in chandeliers.

5. OPERATING INSTRUCTIONS

These LED bulbs are designed for simple operation and enhanced functionality through dimming.

5.1 Basic Operation

Simply turn on the light switch connected to your fixture. The bulbs will illuminate instantly without any warm-up time.

5.2 Dimming Functionality

Your ENERGETIC SMARTER LIGHTING LED Candelabra Bulbs are fully dimmable, allowing you to adjust the light output from 5% to 100% to create the desired ambiance. For optimal performance and to avoid flickering or buzzing, use these bulbs with compatible LED dimmers.



Smooth Dimming:

Wide compatibility with LED dimmers,
Create the perfect atmosphere in your
room by dimming 100%-5%

Figure 5.1: Smooth dimming capability from 100% down to 5%.

5.3 Compatible Dimmer List

The following table lists some compatible dimmer models. This list is not exhaustive, and other LED-compatible dimmers may also work. Always ensure your dimmer is designed for LED lighting.

Brand	Model	Brand	Model
LUTRON	CTCL-153P-WH	LEGRAND	RHCL453PTCCCV6
	DV-600P-WH	EATON	RHCL703PTCCCV4
	SELV-300P-WH		SAL06P3
	LGCL-153PLH-IV	Adaptable Dimmer List 	
	RRD6NA-WH		
	MACL-153M-BI		
	MSCL-0P153MH		
	MSCL-VP153MH		
	DVCL-153P-WH		
	MACL-153MLH-WH		
	PD-6WCL		
	REL06		
	TG-600P-WH		
LISTED	IPE04		
LEVITON	6674		
	IPL06-10Z		
	PSD6-1LZ		
	6615-P		
	6633-PLW		
	6672		
	DSL06-1LZ		

Figure 5.2: Adaptable Dimmer List for ENERGETIC SMARTER LIGHTING LED Bulbs.

6. MAINTENANCE

LED bulbs require minimal maintenance. Follow these guidelines to ensure longevity and optimal performance:

- **Cleaning:** Ensure the power is off and the bulb is cool before cleaning. Wipe the bulb with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the bulb and fixture for any signs of damage or loose connections.
- **Replacement:** Due to their long lifespan, frequent replacement is not necessary. Replace the bulb only when it reaches the end of its operational life.

7. TROUBLESHOOTING

If you encounter issues with your LED Candelabra Bulbs, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not light up.	◦ No power to the fixture. ◦ Bulb not screwed in properly. ◦ Defective bulb.	◦ Check circuit breaker and light switch. ◦ Ensure bulb is securely tightened in the socket. ◦ Test the bulb in a known working fixture. If still not working, the bulb may be defective.
Bulb flickers or buzzes.	◦ Incompatible dimmer switch. ◦ Loose connection.	◦ Ensure you are using an LED-compatible dimmer. Refer to the 'Compatible Dimmer List' in Section 5.3. ◦ Turn off power, then re-tighten the bulb.

Problem	Possible Cause	Solution
Light output is too low or too high.	◦ Dimmer setting.	◦ Adjust the dimmer switch to your desired brightness level.



Figure 7.1: The bulbs are designed for no flicker and noise.

8. SPECIFICATIONS

Key technical specifications for the ENERGETIC SMARTER LIGHTING LED Candelabra Light Bulbs:

Brand	ENERGETIC SMARTER LIGHTING
Model Number	YGA16A00
Light Type	LED
Wattage	5 Watts
Incandescent Equivalent	60 Watts
Brightness	500 Lumens
Color Temperature	5000 Kelvin (Daylight White)
Bulb Shape Size	B10 (Candle)
Bulb Base	E12 (Candelabra)
Voltage	120 Volts

Dimmable	Yes (5%-100% smooth dimming)
Average Life	Over 15,000 hours
Color Rendering Index (CRI)	80
Indoor/Outdoor Usage	Indoor
Certifications	ETL & UL Listed
Product Dimensions	1.26"W x 3.78"H

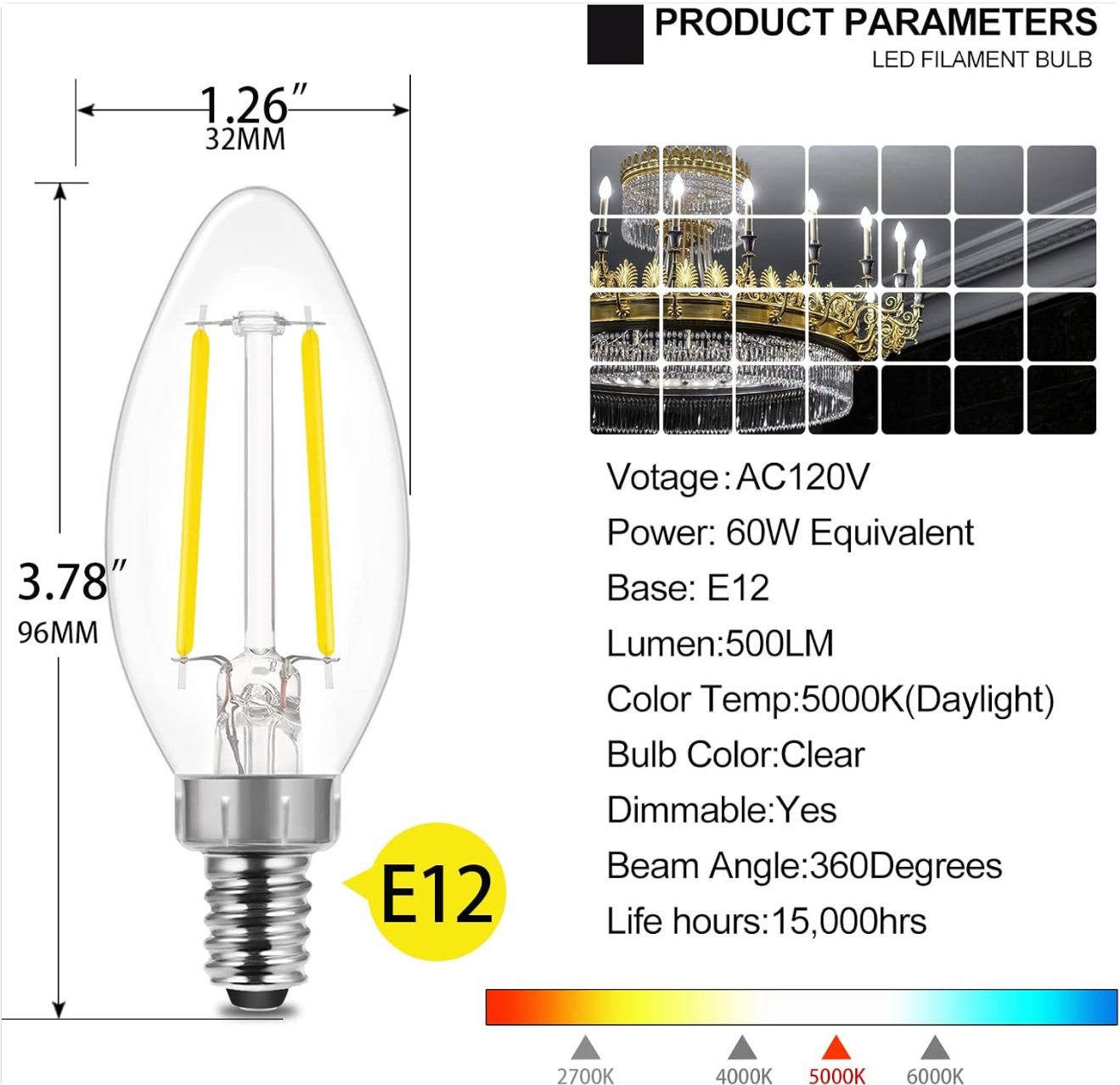


Figure 8.1: Product dimensions and key parameters.

9. WARRANTY AND SUPPORT

ENERGETIC SMARTER LIGHTING LED Candelabra Bulbs are manufactured to high-quality standards and are designed for a long operational life of over 15,000 hours. For specific warranty details or technical support, please refer to the product packaging or contact ENERGETIC SMARTER LIGHTING customer service directly through their official website or the retailer where the product was purchased.

While no official product videos were available for embedding in this manual, additional visual guides or support resources may be available on the manufacturer's website.

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