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## Philips LED 577825

# Philips LED BA11 Ultra Definition LED Globe Light Bulbs

Model: 577825

### Introduction

The Philips LED BA11 Ultra Definition LED Globe Light Bulbs are designed to provide superior lighting quality and visual comfort. These dimmable bulbs feature EyeComfort Technology and a high Color Rendering Index (CRI) of 95, ensuring that colors appear vibrant and true to life. With a soft white light (2700K) and 300 lumens of brightness, they are ideal for creating a comfortable and inviting atmosphere in your home.




Figure 1: Philips LED BA11 Ultra Definition LED Globe Light Bulbs (8-pack).

## Safety Information

Please read and understand all instructions before installing or using these light bulbs. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **WARNING:** Risk of electric shock. Disconnect power before installation.
- Do not use with standard dimmers unless specified as compatible. Use only with dimmers designed for LED bulbs.
- Not suitable for totally enclosed luminaires.
- Do not use where directly exposed to water.
- This device is not intended for use with emergency exits.
- Ensure the bulb's wattage and voltage are compatible with your fixture.
- Do not disassemble or modify the bulb.

## Product Features

- **EyeComfort Technology:** Designed to meet strict criteria for visual comfort, reducing flicker, strobe, and glare. This ensures a comfortable lighting experience for your eyes.
- **Ultra Definition (CRI 95):** Provides a high Color Rendering Index of 95, which means colors in your home will appear more vibrant and true to their natural shades, comparable to natural daylight.
- **Smooth Dimmable Warm Glow:** These bulbs offer a smooth dimming experience, allowing you to adjust the light from bright soft white to a cozy amber tone. The more you dim, the warmer the light becomes, mimicking traditional incandescent bulbs.
- **Energy Efficient LED:** Consumes only 3.5 watts of power while providing brightness equivalent to a 40-watt incandescent bulb, leading to significant energy savings.
- **Familiar Glass Design:** Features a classic clear glass design that recreates the aesthetic of traditional bulbs, blending seamlessly with various home decors.
- **Sustainable Packaging:** Philips is committed to reducing environmental impact, with packaging containing over 80% recycled paper and a move towards plastic-free solutions.




Figure 2: Key features of Philips LED bulbs, including EyeComfort, high CRI, energy saving, and dimmability.




Figure 3: Philips EyeComfort criteria for optimal visual comfort.




Figure 4: Comparison of color rendering with low quality LED versus CRI 95 Philips Ultra Definition light.

## Setup and Installation

Follow these steps to safely install your Philips LED BA11 light bulb:

1. **Turn off Power:** Before replacing any light bulb, ensure the power to the fixture is turned off at the switch and, if possible, at the circuit breaker.
2. **Allow Cooling:** If replacing an old incandescent bulb, allow it to cool down completely before handling to prevent burns.
3. **Remove Old Bulb:** Carefully unscrew the old light bulb from the fixture by turning it counter-clockwise.
4. **Insert New Bulb:** Gently screw the Philips LED BA11 bulb into the E26 base socket by turning it clockwise until it is snug. Do not overtighten.
5. **Restore Power:** Once the new bulb is securely installed, turn the power back on at the switch and circuit breaker.

The bulb dimensions are approximately 10.7 cm (4.21 inches) in length and 3.5 cm (1.38 inches) in width at the widest

point.

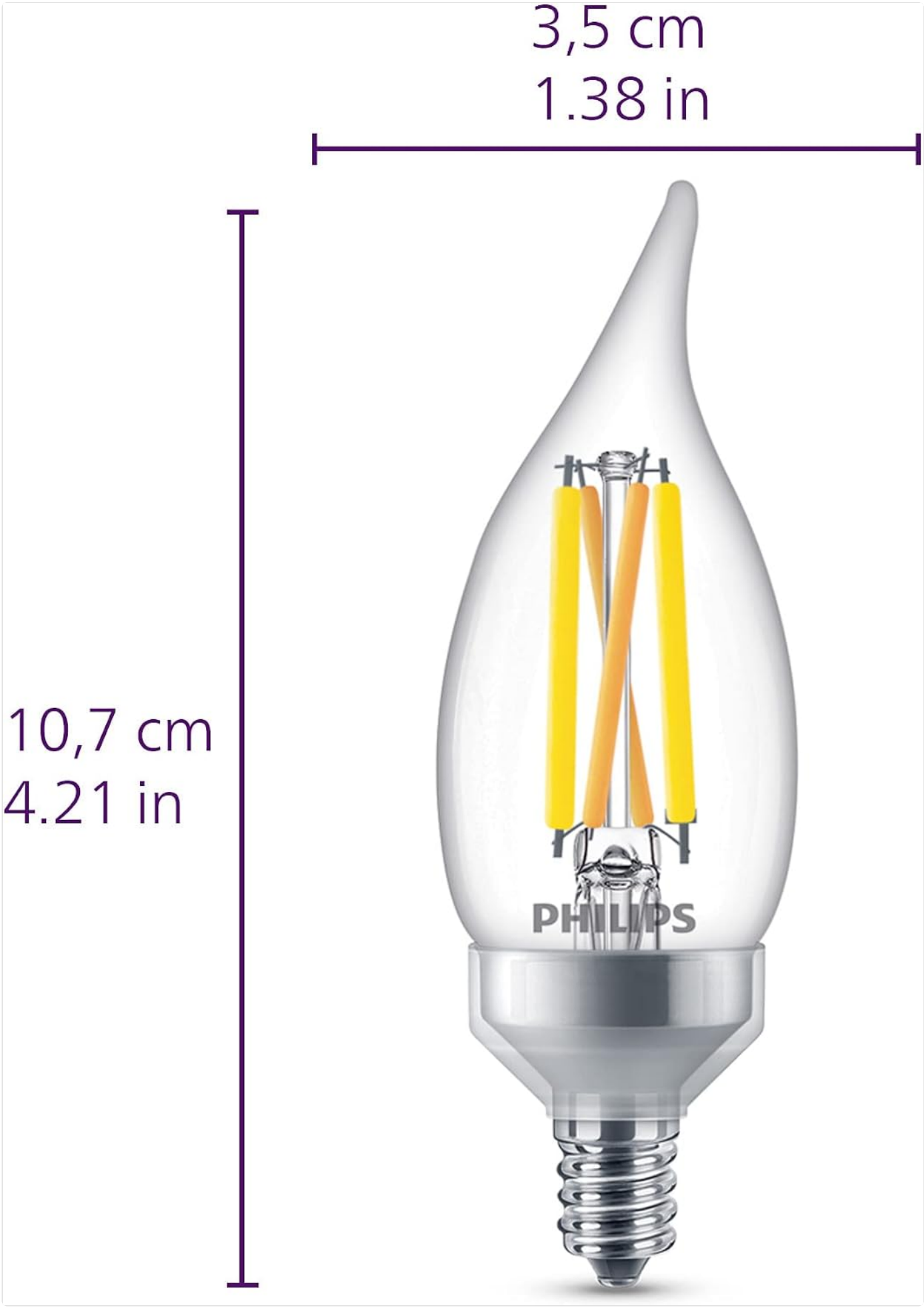



Figure 5: Dimensions of the Philips BA11 LED Globe Light Bulb.

## Operating Instructions

These Philips LED BA11 bulbs are designed for simple operation and enhanced control:

- **Standard Operation:** Turn the light switch on to illuminate the bulb. Turn the switch off to turn the bulb off.
- **Dimming Function:** If connected to a compatible LED dimmer switch, adjust the dimmer control to increase or decrease the light output. These bulbs offer a smooth dimming range, allowing you to create various ambiances from bright functional light to a warm, cozy glow.




Figure 6: Illustrates the range of white light shades, from soft white to daylight, achievable with Philips bulbs.

## Maintenance

Philips LED BA11 bulbs require minimal maintenance:

- **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.

- **Replacement:** These LED bulbs have a long lifespan. Replace only when the light output significantly diminishes or the bulb ceases to function.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Bulb does not light up. | No power to the fixture; bulb not screwed in properly; bulb is faulty. | Check power switch and circuit breaker. Ensure bulb is screwed in tightly. Test bulb in another working fixture. Replace if faulty. |
| Bulb flickers or hums. | Incompatible dimmer switch; loose connection; electrical interference. | Ensure dimmer is LED compatible. Tighten bulb. Consult an electrician if problem persists. |
| Light output is too low or too high. | Dimmer setting is incorrect; bulb is not suitable for the fixture's intended brightness. | Adjust dimmer. Verify bulb lumen output matches desired brightness. |

## Specifications

| Attribute | Value |
|---|---|
| Brand | Philips LED |
| Model Name | 3.5BA11/PER/UD/CL/G/E26+E12/WGD 2PF T20 |
| Item Model Number | 577825 |
| Light Type | LED |
| Special Feature | Dimmable |
| Wattage | 3.5 watts |
| Incandescent Equivalent Wattage | 40 watts |
| Bulb Shape Size | BA11 |
| Bulb Base | E26 |
| Light Color | Soft White (2700K) |
| Brightness | 300 Lumens |
| Voltage | 120 Volts |
| Color Rendering Index (CRI) | 95 |
| Material | Glass |
| Indoor/Outdoor Usage | Indoor |
| Item Weight | 15.5 ounces (for 8-pack) |
| Package Dimensions | 8.31 x 6.46 x 4.65 inches |
| Country of Origin | China |

| Attribute | Value |
| --- | --- |
| Date First Available | March 25, 2024 |

## Warranty and Support

**Warranty:** This Philips LED product comes with a 2-year manufacturer's warranty. Please retain your proof of purchase for warranty claims.
**Customer Support:** For technical assistance, troubleshooting, or warranty inquiries, 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.philips.com/support.

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