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## BRIMAX F15-8W-E26

# BRIMAX F15 8W LED Porch Light Bulb (E26 Medium Base) Instruction Manual

Model: F15-8W-E26 (LMC458W-27-80-C)

## INTRODUCTION

This manual provides essential information for the safe and efficient use of your BRIMAX F15 8W LED Porch Light Bulbs. These bulbs are designed for various lighting applications, offering energy efficiency and a warm white light output. Please read these instructions thoroughly before installation and operation.

## SAFETY INFORMATION

- Ensure power is turned off at the circuit breaker before installing or removing the bulb.
- Do not use with incompatible dimmers. Refer to the 'Operating' section for compatible dimmer types.
- Avoid touching the bulb with wet hands.
- Do not disassemble the bulb. There are no user-serviceable parts inside.
- This bulb is made of glass; handle with care to prevent breakage.

## SETUP

The BRIMAX F15 LED bulb features a standard E26 medium base, making it compatible with most common light fixtures. Follow these steps for installation:

1. Turn off the power to the light fixture at the main circuit breaker.
2. Carefully remove the old bulb from the fixture.
3. Screw the BRIMAX F15 LED bulb into the E26 socket until it is snug. Do not overtighten.
4. Restore power to the fixture at the circuit breaker.



Figure 1: BRIMAX F15 LED Light Bulbs (4-Pack)

The bulb's dimensions are approximately 1.77 inches in diameter and 4.13 inches in height, suitable for various fixtures including porch lights, ceiling fans, and chandeliers.

# F15 LED Light Bulbs with Wrinkle Shell



2700K

-  **E26 Medium Base**
-  **8W**
-  **900 Lumen**
-  **Dimmable**
-  **Voltage AC120V**
-  **CRI 80 +**
-  **360° Beam Angle**
-  **30,000+ Hours Lifespan**
-  **Material Glass & Metal**

Figure 2: F15 LED Bulb Dimensions and E26 Base

## Installation Demonstration

Your browser does not support the video tag.

Video 1: This video demonstrates the physical characteristics of the F15 8W LED Filament Glass Bulb and its installation process.

## OPERATING

The BRIMAX F15 LED bulbs provide 2700K warm white light, creating a cozy ambiance. These bulbs are dimmable, allowing you to adjust the brightness from 10% to 100% when used with a compatible dimmer switch.



Figure 3: Dimmable Functionality (10%-100%)

For optimal dimming performance, ensure your dimmer switch is compatible with LED technology. Refer to the list of recommended dimmers below:

# Compatible with over 90% dimmers on the market

Superior dimmable capabilities offers a smooth dimming control from 10% to 100% brightness. (Dimmer NOT Included)



## Compatible with Recommended Dimmers

Brand	Model	Model
Lutron	DVCL-153PR-WH	DVWCL-153PH-WH
Lutron	MACL-153MLH-WH	AYCL-153P-WH
Lutron	TGCL-153PH-WH	SCL-153P-WH
Lutron	S-600P-WH	TG-600PH-WH
Leviton	6672-1LW	



Figure 4: Compatible Dimmers

## Application Demonstration

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Video 2: This video showcases the BRIMAX F15 LED light bulb installed in various wall light fixtures, demonstrating its illumination in different settings.

## MAINTENANCE

BRIMAX F15 LED bulbs are designed for long-lasting performance with a lifespan of over 30,000 hours. Minimal maintenance is required.

- **Cleaning:** Ensure the power is off before cleaning. Gently wipe the glass bulb with a soft, dry cloth. Avoid using abrasive cleaners or excessive moisture.
- **Replacement:** Due to the long lifespan, frequent replacement is not anticipated. When replacement is necessary, follow the 'Setup' instructions.

## TROUBLESHOOTING

If you encounter issues with your BRIMAX F15 LED bulb, consider the following common solutions:

- **Bulb not lighting up:** Check if the power is on at the switch and circuit breaker. Ensure the bulb is securely screwed into the socket.
- **Flickering or inconsistent dimming:** Verify that your dimmer switch is compatible with LED bulbs. Incompatible dimmers can cause flickering. The BRIMAX F15 LED bulbs are designed to be flicker-free.
- **Reduced brightness:** Ensure the dimmer is set to the desired brightness level. If the issue persists, the bulb may be nearing the end of its lifespan or there could be an electrical issue.



The image shows a side-by-side comparison of two light bulbs. On the left is a modern LED bulb with a clear glass envelope and visible yellow LED filaments. On the right is an older incandescent bulb with a similar glass shape but a visible tungsten filament. A large 'VS' graphic is placed between them. Below each bulb is a list of characteristics.

Our F15 Glass LED Bulb	Other F15 Incandescent Bulb
<input checked="" type="checkbox"/> Low energy consumption(8W/PC)	<input type="checkbox"/> High energy consumption (80W/PC)
<input checked="" type="checkbox"/> LED Filaments, low Heat, longer lifespan	<input type="checkbox"/> Tungsten wick, high temperature while working, short lifespan
<input checked="" type="checkbox"/> No flicker, No Strobe	<input type="checkbox"/> Frequent flicker

Figure 5: LED vs. Incandescent Bulb Comparison (Flicker-Free Operation)

## SPECIFICATIONS

Feature	Detail
Brand	BRIMAX
Model Name	LMC458W-27-80-C
Light Type	LED
Wattage	8 Watts
Bulb Shape Size	F15
Bulb Base	E26 Medium
Incandescent Equivalent	75 Watts
Light Color	Warm White
Voltage	110-130 Volts
Color Temperature	2700 Kelvin
Brightness	900 Lumens
Beam Angle	360 Degrees
Average Life	30,000+ Hours
Material	Glass
Special Features	Dimmable, Energy Efficient, Eye-Friendly, Flicker-Free
Indoor/Outdoor Usage	Indoor (Note: Product title and features indicate suitability for outdoor porch lights.)

## WARRANTY

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BRIMAX F15 LED bulbs come with a **2-year warranty**. If any issues arise within the first two years of purchase, customers are encouraged to contact BRIMAX for a free replacement or refund. Please retain your proof of purchase for warranty claims.

## SUPPORT

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For further assistance, technical support, or warranty claims, please contact BRIMAX customer service through the retailer's platform or visit the official BRIMAX website. Provide your product model number and purchase details for efficient support.

