

MASTERY MART US-FBM-BULK-MM-GU10-ND-ND-50036

MASTERY MART GU10 LED Bulb Instruction Manual

Model: US-FBM-BULK-MM-GU10-ND-ND-50036

1. INTRODUCTION

Thank you for choosing the MASTERY MART GU10 LED Bulb. This manual provides essential information for the safe and efficient use of your new LED bulbs. Please read these instructions carefully before installation and retain them for future reference. These non-dimmable GU10 LED bulbs are designed to provide 5000K Daylight White illumination, offering an energy-efficient replacement for traditional 35W halogen bulbs.

2. SAFETY INFORMATION

- **Electrical Safety:** Always disconnect power before installing or replacing bulbs. Ensure your hands are dry when handling electrical components.
- **Non-Dimmable:** These bulbs are **NOT** compatible with dimmer switches. Using them with a dimmer may cause flickering, damage to the bulb, or premature failure.
- **Indoor Use:** Designed for indoor applications. Avoid exposure to direct water or extreme humidity unless specifically rated for such environments.
- **Proper Base:** Ensure the fixture is compatible with a GU10 base. Do not force the bulb into an incompatible socket.
- **Ventilation:** Ensure adequate ventilation around the bulb to prevent overheating and prolong lifespan.
- **Disposal:** Dispose of old bulbs according to local regulations. LED bulbs do not contain mercury.

3. PRODUCT OVERVIEW

The MASTERY MART GU10 LED Bulb offers a high-quality, energy-efficient lighting solution. Key features include:

- **Energy Saving:** 4W LED replaces 35W halogen, saving up to 90% energy.

- **Long Lifespan:** Rated for 15,000 hours of operation.
- **Light Quality:** 5000K Daylight White for bright, vivid illumination, 350 lumens.
- **Wide Beam Angle:** 100° spread for broad lighting coverage.
- **Flicker-Free:** Designed for stable, eye-friendly light output.
- **UL Certified:** Ensures safety and quality standards are met.



Image 3.1: MASTERY MART GU10 LED Bulb, 36-pack, non-dimmable.

Lumiverse

NON DIMMABLE LED GU10



Image 3.2: Detailed dimensions of the GU10 LED bulb (1.96"W x 2.11"H) and comparison with GU5.3 base.



Image 3.3: MASTERY MART GU10 LED Bulbs providing bright illumination in a modern kitchen.

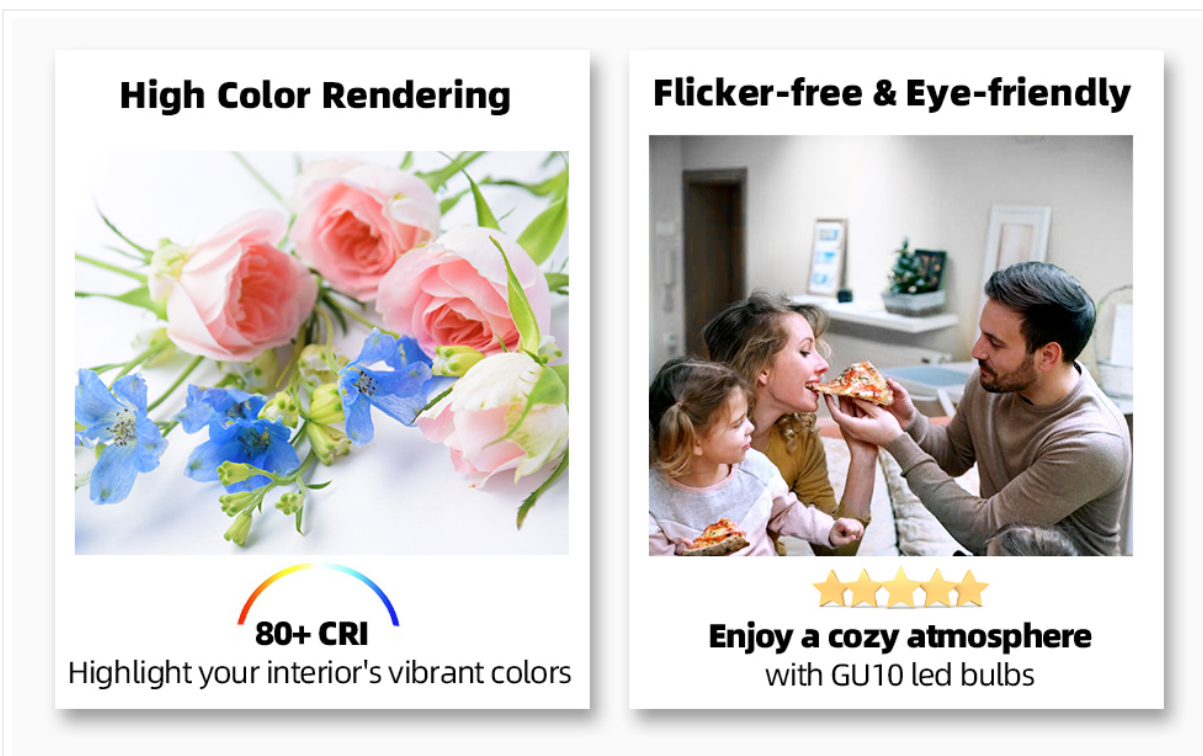


Image 3.4: Illustration of high color rendering (CRI 80+) and flicker-free operation for a comfortable ambiance.

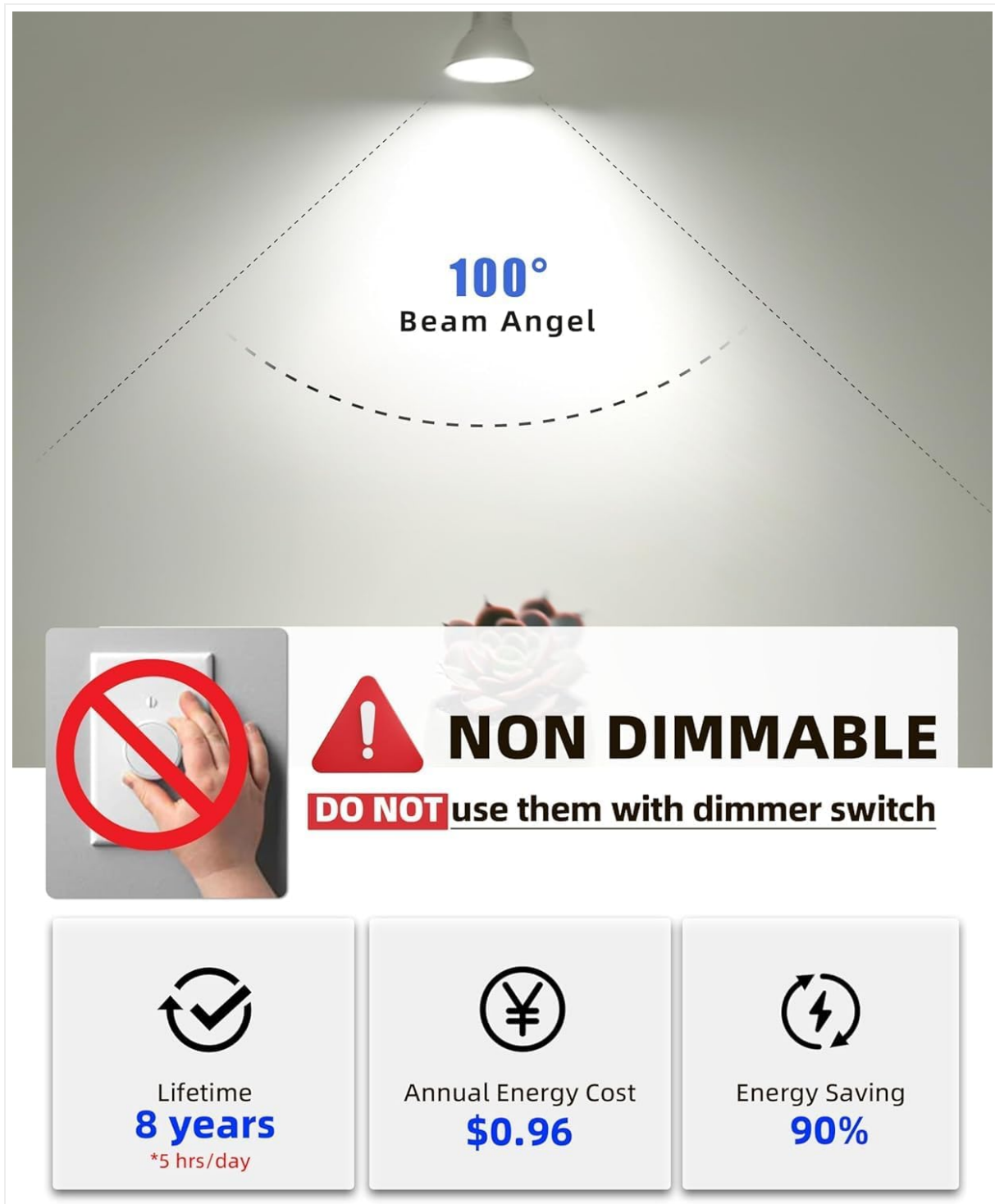
4. SETUP AND INSTALLATION

Follow these steps to safely install your MASTERY MART GU10 LED Bulb:

1. **Power Off:** Before beginning installation, ensure the power to the light fixture is turned off at the circuit breaker to prevent electrical shock.
2. **Remove Old Bulb:** Allow the old bulb to cool completely. Gently twist the old GU10 bulb counter-clockwise to unlock it from the socket, then pull it straight out.

3. **Insert New Bulb:** Align the two pins of the new MASTERY MART GU10 LED bulb with the two holes in the fixture's socket. Push the bulb gently into the socket, then twist clockwise until it locks securely into place.
4. **Restore Power:** Once the bulb is securely installed, restore power at the circuit breaker.
5. **Test:** Turn on the light switch to confirm the bulb is working correctly.

Important: These bulbs are non-dimmable. Do not install them in fixtures connected to dimmer switches.



The image is a composite graphic. At the top, a light fixture is shown with a beam of light. The beam is defined by two dashed lines forming a cone, and a dashed arc at the base of the cone indicates the beam angle. The text "100° Beam Angel" is centered within the beam. Below this, there is a white rectangular box. On the left side of the box is an image of a hand turning a light switch, with a large red circle and a diagonal slash (a prohibition sign) overlaid on it. To the right of this image is a red warning triangle containing a white exclamation mark. Further right, the text "NON DIMMABLE" is written in large, bold, black capital letters. Below this, the text "DO NOT use them with dimmer switch" is written in black, with "DO NOT" in white text on a red rectangular background. At the bottom of the white box, there are three separate light gray rectangular boxes, each containing an icon and text. The first box has a circular arrow icon with a checkmark inside, and the text "Lifetime 8 years" in blue, with "*5 hrs/day" in red below it. The second box has a yen symbol (¥) inside a circle, and the text "Annual Energy Cost \$0.96" in blue. The third box has a circular arrow icon with a lightning bolt inside, and the text "Energy Saving 90%" in blue.

100°
Beam Angel

  **NON DIMMABLE**
DO NOT use them with dimmer switch


Lifetime
8 years
*5 hrs/day


Annual Energy Cost
\$0.96


Energy Saving
90%

Image 4.1: Visual warning indicating that these non-dimmable bulbs should not be used with dimmer switches.

5. OPERATING INSTRUCTIONS

Operating your MASTERY MART GU10 LED Bulb is straightforward:

- Simply use the standard wall switch connected to your light fixture to turn the bulb on or off.
- These bulbs provide instant full brightness without any warm-up time.

6. MAINTENANCE

MASTERY MART GU10 LED 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 cleaners or abrasive materials.
- **Replacement:** Due to their long lifespan, frequent replacement is not expected. When replacement is necessary, follow the installation steps in Section 4.

7. TROUBLESHOOTING

If you encounter issues with your GU10 LED bulb, refer to the following common solutions:

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture, loose connection, or faulty bulb.	Check circuit breaker. Ensure bulb is securely twisted into the socket. Test with a known working bulb if possible.
Bulb flickers.	Connected to a dimmer switch (these bulbs are non-dimmable).	Remove the bulb from any fixture controlled by a dimmer switch. These bulbs are not designed for dimming.
Light is too dim or inconsistent.	Voltage fluctuation or incorrect fixture type.	Ensure the fixture provides stable 120V. Verify the fixture is designed for GU10 bulbs.

8. SPECIFICATIONS

Feature	Detail
Brand	MASTERY MART
Model Name	US-FBM-BULK-MM-GU10-ND-ND-50036
Light Type	LED
Special Feature	Energy Efficient, Eye-Friendly, Flicker-Free
Wattage	4 Watts
Bulb Shape Size	PAR16
Bulb Base	GU10
Incandescent Equivalent	35 Watts
Light Color	Daylight White
Voltage	120 Volts

Feature	Detail
Color Temperature	5000 Kelvin
Brightness	350 Lumens
Beam Angle	100 Degrees
Material	Glass
Control Method	App (Note: This refers to potential smart home integration, not direct bulb control)
Average Life	15,000 Hours
Color Rendering Index (CRI)	80
Certifications	CE, Energy Star, UL
Product Dimensions	1.96"W x 2.11"H

9. WARRANTY AND SUPPORT

MASTERY MART stands behind the quality of its products. For any questions, concerns, or support needs regarding your GU10 LED bulbs, please contact MASTERY MART customer service through the retailer where the product was purchased or visit the official MASTERY MART website for contact information. Please retain your proof of purchase for warranty claims.