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TORCHSTAR ZD1BR20-8P7WD30

TORCHSTAR BR20 LED Flood Light Bulb

INSTRUCTION MANUAL - MODEL: ZD1BR20-8P7WD30

Introduction

Thank you for choosing the TORCHSTAR BR20 LED Flood Light Bulb. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new LED bulbs. Please read these instructions thoroughly before use and retain them for future reference.

Key Features

- **Dimmable:** Smoothly dims from 10% to 100% to adjust lighting ambiance.
- **Wide Beam Angle:** A 120° beam angle provides broad illumination, suitable for lighting entire rooms.
- **Standard E26 Base:** Designed to fit standard E26 medium base sockets, compatible with 4-inch recessed can lights.
- **Energy Efficient:** 7.5W LED bulb provides 525 lumens, equivalent to a 50W incandescent bulb, saving up to 85% on energy costs.
- **Certifications:** UL Listed for safety and performance, and Energy Star certified for energy efficiency.
- **Durable Construction:** Made from aluminum and plastic for longevity.

Setup and Installation

Follow these steps for proper installation of your BR20 LED flood light bulb:

1. **Power Off:** Before installation, ensure the power to the fixture is turned off at the circuit breaker to prevent electrical shock.
2. **Remove Old Bulb:** Carefully unscrew the existing bulb from the fixture. Allow it to cool if it was recently in use.
3. **Insert New Bulb:** Screw the TORCHSTAR BR20 LED bulb into the E26 medium base socket until it is snug. Do not overtighten.
4. **Verify Fit:** Ensure the bulb fits correctly within the fixture, especially for 4-inch recessed can lights.
5. **Restore Power:** Turn the power back on at the circuit breaker.
6. **Test:** Turn on the light switch to confirm the bulb is functioning correctly.



Image: The BR20 LED bulb is designed to fit perfectly into 4-inch recessed can light fixtures. This image illustrates the compatibility of the BR20 bulb with various can sizes, highlighting its ideal fit for 4-inch cans.



Image: This diagram shows the physical dimensions of the BR20 LED bulb, including its 2.48-inch (63mm) width and 3.78-inch (96mm) height, along with details of its E26 medium screw base. Key specifications like 120° beam angle, 525 lumens, 7.5W power consumption (50W equivalent), and suitability for damp locations are also indicated.

Your browser does not support the video tag.

Video: This video demonstrates the dimmable functionality and installation process of the TORCHSTAR BR20 LED Flood Light Bulb. It highlights the bulb's ability to adjust brightness and its ease of fitting into standard fixtures.

Operating Instructions

The TORCHSTAR BR20 LED bulb is designed for simple operation:

- **Standard Operation:** Once installed, the bulb operates like any standard light bulb. Use your wall switch to turn it on or off.
- **Dimming Functionality:** If connected to a compatible dimmer switch, the bulb can be dimmed smoothly from 10% to 100% of its full brightness. Ensure your dimmer switch is LED-compatible for optimal performance.
- **Light Color:** This model provides a 3000K Warm White light, creating a comfortable and inviting atmosphere.

10-100% DIMMABLE



Image: This image illustrates the 10-100% dimmable capability of the TORCHSTAR BR20 LED bulbs, showcasing how the light intensity can be adjusted in various indoor settings like kitchens and living rooms to create different moods.



Wide Beam Angle Flood Lighting

Image: A modern living room is shown illuminated by the wide beam angle flood lighting provided by the TORCHSTAR BR20 LED bulbs. This demonstrates how the bulbs effectively spread light across a large area, reducing dark spots.

Maintenance

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

- **Cleaning:** Ensure the power is off before cleaning. Wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Inspection:** Periodically check the bulb and fixture for any signs of damage or loose connections.
- **Replacement:** Replace the bulb if it flickers, dims inconsistently, or stops working.

Troubleshooting

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

Problem	Possible Cause	Solution
Bulb does not light up	No power, loose connection, faulty bulb	Check power supply, tighten bulb, replace bulb.
Bulb flickers	Incompatible dimmer, loose connection, power fluctuations	Ensure dimmer is LED-compatible, tighten bulb, consult an electrician for power issues.
Bulb does not dim properly	Incompatible dimmer switch	Replace with an LED-compatible dimmer switch.

Specifications

Attribute	Detail
Brand	TORCHSTAR
Model Name	ZD1BR20-8P7WD30
Light Type	LED
Wattage	7.5 Watts
Incandescent Equivalent	50 Watts
Brightness	525 Lumens
Color Temperature	3000 Kelvin (Warm White)
Bulb Shape Size	BR20 / R20
Bulb Base	E26 Medium Base
Dimmable	Yes (10%-100%)
Voltage	120 Volts
Beam Angle	120 Degrees

Attribute	Detail
Color Rendering Index (CRI)	80
Material	Aluminum, Plastic
Indoor/Outdoor Usage	Indoor
Product Dimensions	2.48 x 2.48 x 3.78 inches
Certifications	UL Listed, Energy Star Certified



Image: The TORCHSTAR BR20 LED bulb is shown alongside the UL Listed and Energy Star logos, indicating its compliance with safety and energy efficiency standards. An 85% energy saving is also highlighted.

Warranty Information

This TORCHSTAR BR20 LED Flood Light Bulb comes with a **3-year warranty**. For warranty claims or further details, please refer to the contact information in the support section.

Customer Support

For any questions, technical assistance, or warranty inquiries, please contact TORCHSTAR customer service. You can find more information and contact details on the official TORCHSTAR website or through your purchase platform.

Visit the [TORCHSTAR Store on Amazon](#) for additional products and support.