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Torkase SF20250910B0DSFS4R5B_1

Torkase PAR38 Motion Sensor LED Flood Light Bulb User Manual

Model: SF20250910B0DSFS4R5B_1

1. INTRODUCTION

Thank you for choosing the Torkase PAR38 Motion Sensor LED Flood Light Bulb. This manual provides essential information for the safe and effective installation, operation, and maintenance of your new light bulbs. Please read these instructions thoroughly before use and retain them for future reference.

▪ SPECIFIC SIZE



UL Wet Listed



Voltage: 100-240V



Base: E26



Hours 30000H



Image 1.1: Torkase PAR38 Motion Sensor LED Flood Light Bulb, showing its design and E26 base.

2. PRODUCT FEATURES

- **PIR Infrared Motion Sensor:** Automatically activates the light when movement is detected within 8-16 feet in dark conditions. The light turns off approximately 30-40 seconds after motion ceases.
- **Dusk to Dawn Sensor:** Built-in photocell sensor ensures the bulb only operates in low light conditions (below 15 lux). It remains off during the daytime (above 40 lux) even if motion is detected, optimizing energy efficiency.
- **High Brightness & Energy Saving:** This 20W LED bulb provides 2000 lumens of 5000K daylight illumination, equivalent to a 150W traditional bulb, saving up to 85% on energy consumption.
- **Versatile Application:** Suitable for both indoor and outdoor use, ideal for porches, garages, driveways, patios, and other areas requiring bright, motion-activated lighting.



Image 2.1: Diagram illustrating the internal components, including the built-in photocell sensor and PIR motion sensor, highlighting the 30ft PIR detection distance.

3. SPECIFICATIONS

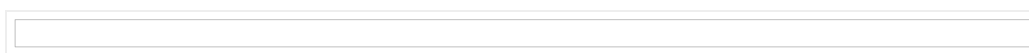


Image 3.1: Specific dimensions of the Torkase PAR38 LED bulb, showing its width, height, and E26 base.

Attribute	Value
Brand	Torkase
Light Type	LED
Wattage	20 Watts
Bulb Shape Size	PAR38
Bulb Base	E26
Light Color	5000K Daylight (Cool White)
Voltage	100-240 Volts
Brightness	2000 Lumens
Indoor/Outdoor Usage	Indoor, Outdoor
Special Features	PIR Motion Sensor, Dusk to Dawn Sensor
Dimmable	No (Not Dimmable)
Product Dimensions	1.97"W x 2.17"H
Item Weight	14.9 ounces
Lifespan	30,000 Hours
Included Components	2 x PAR38 Flood LED Light Bulbs

4. SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage:

- Always turn off the power supply at the circuit breaker before installing or replacing the bulb.
- Do not install the bulb in a fully enclosed fixture or recessed fixture, as this can trap heat and interfere with the motion sensor's operation. The motion sensor part must be exposed.
- Ensure the bulb is installed in a suitable fixture that can support its weight and dimensions.
- Do not use with dimmers. This bulb is not dimmable.
- Avoid installing in wet and high-temperature environments that exceed the bulb's operating specifications.
- Do not disassemble or modify the bulb.

5. SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Power Off:** Before installation, ensure the power to the light fixture is turned off at the main circuit breaker to prevent electrical shock.
2. **Remove Old Bulb:** Carefully unscrew and remove the existing bulb from the fixture.
3. **Install New Bulb:** Screw the Torkase PAR38 Motion Sensor LED Flood Light Bulb into the E26 base socket until it is snug. Do not overtighten.
4. **Positioning:** Ensure the motion sensor on the bulb is facing the desired detection area. The bulb should be mounted 8-15 feet above the ground for optimal performance. The sensor part must not be covered by the fixture.
5. **Power On:** Restore power at the circuit breaker.

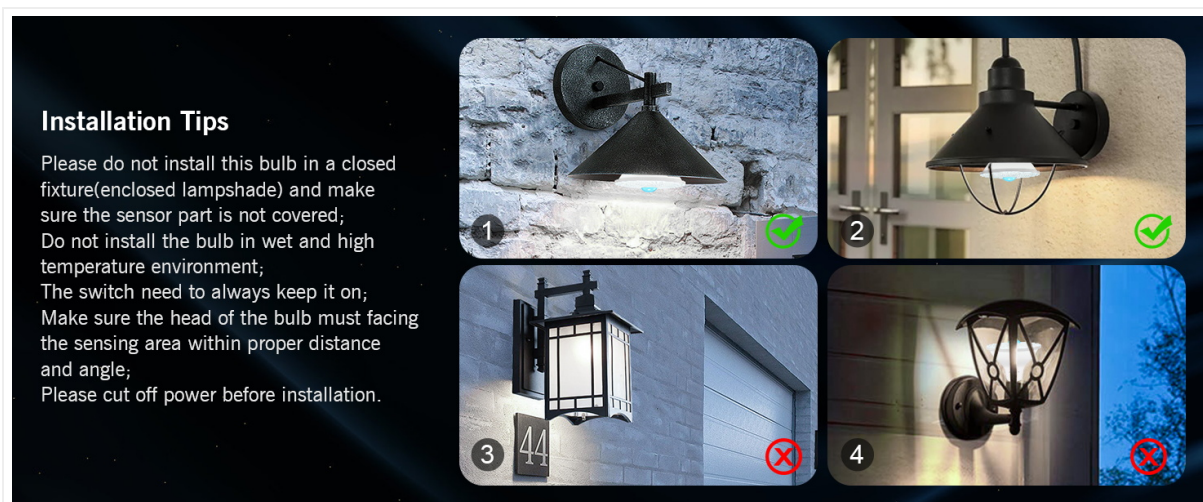


Image 5.1: Visual guide for installation, demonstrating suitable open fixtures and unsuitable enclosed fixtures for the motion sensor bulb.

6. OPERATING INSTRUCTIONS

The Torkase PAR38 Motion Sensor LED Flood Light Bulb is designed for automatic operation:

- **Initial Activation:** After installation and power restoration, the bulb may cycle on and off a few times as it calibrates its sensors.
- **Automatic Operation:** Keep the light switch in the 'ON' position. The bulb will automatically turn on when motion is detected in dark conditions (below 15 lux) and turn off after approximately 30-40 seconds of no further motion.
- **Daytime Mode:** During daylight hours (above 40 lux), the bulb will remain off, regardless of motion, due to

its integrated dusk-to-dawn sensor.



Image 6.1: Illustration of the motion sensor functionality, showing the bulb remaining off during the day and activating for 40 seconds when motion is detected at night.

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Video 6.1: Official Torkase video demonstrating the motion sensor light bulb's activation and deactivation in an outdoor setting.

7. MAINTENANCE

These LED bulbs require minimal maintenance:

- **Cleaning:** Ensure the power is off before cleaning. Wipe the bulb and sensor area with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Replacement:** When the bulb reaches the end of its lifespan, turn off the power, allow the bulb to cool, and replace it with a new Torkase PAR38 Motion Sensor LED Flood Light Bulb.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not turn on.	No power, switch off, ambient light too high, sensor obstructed.	Check power supply. Ensure light switch is ON. Verify ambient light is below 15 lux. Ensure sensor is not covered.
Bulb stays on continuously.	Constant motion detected, sensor malfunction, ambient light too low.	Ensure no continuous motion in detection area. Check for sensor obstruction. Verify ambient light is above 15 lux during the day.
Motion sensor not sensitive enough.	Incorrect installation angle/height, sensor obstructed.	Adjust the angle and height of the bulb installation to direct the sensor towards the desired detection area. Ensure the sensor is not obstructed.
Bulb flickers.	Loose connection, incompatible fixture.	Turn off power, tighten bulb. Ensure fixture is suitable for LED bulbs.

9. WARRANTY AND SUPPORT

Torkase stands behind its products with a **3-year warranty**.

If you require assistance, have questions, or encounter any issues with your Torkase PAR38 Motion Sensor LED Flood Light Bulbs, please contact us through your Amazon order. Warranty services are only available for orders placed directly from the Torkase store.