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› Torkase Motion Sensor LED Light Bulb QP6012SA Instruction Manual

Torkase QP6012SA

Torkase Motion Sensor LED Light Bulb Instruction Manual

Model: QP6012SA

INTRODUCTION

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



Image: Two Torkase Motion Sensor LED Light Bulbs, showcasing their design and the integrated motion sensor dome at the top.

PRODUCT FEATURES

- **PIR Motion & Dusk to Dawn Activation:** The bulb automatically illuminates in dark conditions (below 15 Lux) when motion is detected within an 8-16 feet range. It turns off 30-45 seconds after motion ceases. The bulb remains off during daylight hours.
- **Efficient & Durable:** Provides 1100 lumens of 5000K daylight white light, equivalent to a 100W incandescent bulb, while consuming only 13W. Designed for a lifespan of up to 20,000 hours, offering significant energy savings.
- **Enhanced Security:** Automatically activates upon detecting movement, serving as a deterrent and providing illumination for safety in indoor and outdoor environments.
- **Wide Application:** Suitable for various locations including staircases, hallways, bathrooms, front doors, storage rooms,

garages, porches, closets, balconies, and gates.



Image: Diagram illustrating key components: Motion Sensor, Dusk to Dawn Sensor, Frosted Shade, and High Efficiency LEDs.

SPECIFICATIONS

Brand	Torkase
Model Number	QP6012SA
Light Type	LED
Special Feature	Motion Sensor, Dusk to Dawn
Wattage	13 Watts
Incandescent Equivalent	100 Watts
Brightness	1100 Lumens
Color Temperature	5000 Kelvin (Daylight White)
Bulb Shape Size	A19
Bulb Base	E26
Voltage	100-120 Volts AC, 50 Hertz
Average Life	20,000 Hours
Indoor/Outdoor Usage	Indoor, Outdoor
Product Dimensions	4.72 x 2.36 x 4.33 inches
Item Weight	4.8 ounces

➤ 100-120V

➤ 13W

➤ 1100LM



E26 Base

Easy installation



Image: Detailed dimensions of the Torkase Motion Sensor LED Light Bulb, showing its height (115mm / 4.52in) and width (60mm / 2.36in), along with a close-up of the E26 base.

INSTALLATION GUIDE

Important Considerations Before Installation:

- **Fixture Type:** This bulb is designed for open fixtures. It will **not** function correctly in enclosed fixtures, recessed fixtures, or fixtures with frosted covers, as these can block the motion and light sensors. The sensor part of the bulb must be exposed.
- **Sensor Direction:** For optimal performance, the motion sensor should face downward.
- **Installation Height:** Install the bulb no higher than 10-12 feet for effective motion detection.
- **Dimmers:** This bulb is **not dimmable** and is incompatible with dimmer switches. Using it with a dimmer may cause malfunction or damage.

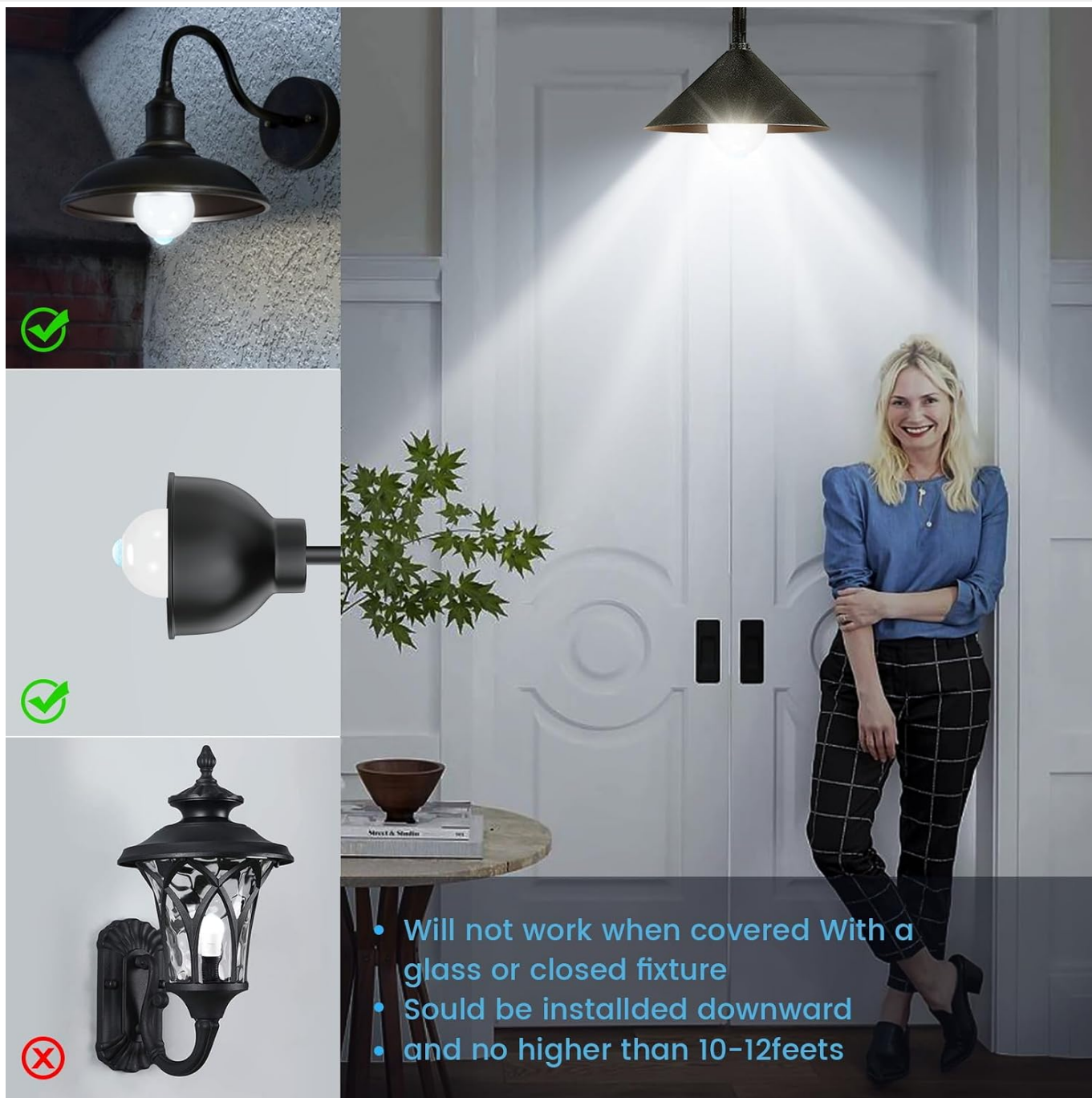


Image: Illustrations demonstrating compatible (open fixtures, downward-facing) and incompatible (enclosed or upward-facing) light fixtures for the motion sensor bulb.

Installation Steps:

1. **Power Off:** Ensure the power to the light fixture is turned off at the circuit breaker before installation.
2. **Screw In:** Carefully screw the Torkase Motion Sensor LED Light Bulb into a standard E26 base socket. Ensure it is securely tightened.
3. **Power On:** Restore power to the light fixture. The bulb will perform a self-test and then enter its operational mode.

OPERATING INSTRUCTIONS

The Torkase Motion Sensor LED Light Bulb is designed for automatic operation based on ambient light levels and motion detection.

Dusk to Dawn Functionality:

- The integrated light sensor detects ambient light.

- During daylight hours or in brightly lit conditions (above 15 Lux), the bulb will remain off, even if motion is detected.
- At night or in low-light conditions (below 15 Lux), the bulb becomes active and ready to detect motion.



Image: Diagram illustrating the Dusk to Dawn functionality, showing the bulb staying off during the day and activating its motion sensor at night.

Motion Detection:

- When the bulb is in its active (nighttime) state, it will illuminate automatically upon detecting motion within its detection range.
- The detection range is approximately 8-16 feet (2.4-4.9 meters) with a 120-degree detection angle.
- Once motion is no longer detected, the bulb will remain illuminated for approximately 30-45 seconds before turning off.
- If motion is continuously detected, the bulb will remain on until motion ceases.



Image: A four-panel sequence demonstrating the bulb's operation: 1) Off during the day, 2) Auto ON in the dark when motion is detected, 3) Stays on with continuous motion, 4) Auto OFF after 45 seconds when motion ceases.

MAINTENANCE

The Torkase Motion Sensor LED Light Bulb requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Gently wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Sensor Area:** Keep the motion sensor dome clear of dust, dirt, or obstructions to ensure proper functionality.
- **Replacement:** Replace the bulb when its light output significantly diminishes or it ceases to function.

TROUBLESHOOTING

Common Issues and Solutions:

- **Bulb does not turn on:**

- Check if the power to the fixture is on.
- Verify that the ambient light is low enough (below 15 Lux) for the dusk-to-dawn sensor to activate.
- Ensure the bulb is screwed in securely.
- Confirm the fixture is open and not blocking the sensor (refer to Installation Guide).

- **Bulb stays on during the day:**

- The bulb's light sensor may not be detecting sufficient ambient light. Ensure the sensor is not obstructed or installed in a perpetually shaded area.
- Check for external light sources that might be interfering with the sensor.

- **Bulb turns off too quickly (less than 30 seconds):**

- Ensure there is no continuous motion within the detection range. The bulb will turn off 30-45 seconds after the last detected motion.

- **Bulb does not detect motion:**

- Verify the bulb is installed in an open fixture with the sensor facing downward.
- Check for obstructions blocking the sensor's field of view.
- Ensure the installation height is within the recommended 10-12 feet range.
- Confirm the ambient light is low enough for the motion sensor to be active.

- **Bulb flickers or malfunctions:**

- This bulb is not compatible with dimmer switches. Ensure it is not connected to a dimmer circuit.
- Check for stable power supply.

WARRANTY AND SUPPORT

Torkase provides a **2-year warranty** for this Motion Sensor LED Light Bulb, covering defects in materials and workmanship under normal use.

For technical assistance, warranty claims, or any questions regarding your product, please contact Torkase customer support through the retailer's platform or the official Torkase website.

ASK A QUESTION ABOUT THIS MANUAL

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