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› Torkase 13W Dusk to Dawn LED Light Bulbs QP6012SB User Manual

Torkase QP6012SB

Torkase 13W Dusk to Dawn LED Light Bulbs User Manual

Model: QP6012SB

1. INTRODUCTION

Thank you for choosing Torkase 13W Dusk to Dawn LED Light Bulbs. These bulbs are designed for convenience and energy efficiency, featuring a built-in photocell sensor that automatically controls lighting based on ambient light levels. This manual provides essential information for the safe and effective use of your new light bulbs.

2. SAFETY INFORMATION

- Always turn off power to the fixture before installing or removing the bulb.
- Do not use with dimmers. These bulbs are not compatible with dimmer switches and may be damaged or malfunction if used with one.
- Suitable for both indoor and outdoor use. Ensure the fixture is appropriate for the environment.
- Operates on 100-120V AC. Do not use outside this voltage range.
- Avoid direct exposure to water jets or submersion. While weatherproof, extreme conditions may affect performance.
- Keep bulbs away from flammable materials.
- If the bulb is damaged, discontinue use immediately.

3. SETUP AND INSTALLATION

The Torkase Dusk to Dawn LED Light Bulbs are designed for simple, plug-and-play installation, requiring no additional wiring, timers, or complex hardware.

1. **Power Off:** Ensure the power to the light fixture is completely turned off at the switch or circuit breaker.
2. **Install Bulb:** Carefully screw the Torkase E26 A19 LED bulb into the compatible light fixture socket.
3. **Power On:** Turn the power back on to the light fixture.
4. **Positioning:** For optimal performance, ensure the bulb's photocell sensor is not obstructed and is exposed to ambient light. If using multiple bulbs in one fixture, ensure they are not pointing directly at each other to prevent interference.



Figure 3.1: Simple Plug and Play Installation. Keep the power switch on for automatic operation.

4. OPERATING INSTRUCTIONS

These bulbs feature an integrated photocell sensor that detects ambient light. The bulb will automatically turn on when it gets dark (brightness < 15 lux) and turn off when sufficient ambient light is detected (brightness > 30 lux).



Figure 4.1: Automatic Dusk to Dawn Functionality.



Auto On

Bulb will auto-turn on at night when ambient brightness < 15lux



Stay Off

Bulb will stay off at daytime when ambient brightness > 30lux



Figure 4.2: Light Sensor Operation Thresholds.

Simply keep the power switch to the fixture in the 'ON' position, and the bulb will manage its operation automatically.

Your browser does not support the video tag.

Video 4.1: Official Torkase video demonstrating the dusk to dawn light bulb in action, highlighting its automatic functionality.

5. MAINTENANCE

- **Cleaning:** Ensure the bulb and especially the photocell sensor are kept clean from dust, dirt, or debris to maintain accurate light detection. Clean with a soft, dry cloth.
- **Replacement:** These LED bulbs have a long lifespan (rated to last 13 years based on 3 hours/day usage). If replacement is needed, ensure the new bulb is an E26 A19 base and compatible with the fixture.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not turn on at night.	Photocell sensor is obstructed or receiving too much light.	Ensure the sensor is clear of obstructions. Relocate the fixture if it's in an area with excessive ambient light (e.g., streetlights).
Bulb stays on during the day.	Photocell sensor is obstructed or not receiving enough light.	Clean the sensor. Ensure the fixture is not in a shaded area during the day.
Bulb flickers or malfunctions.	Incompatible dimmer switch or unstable voltage.	These bulbs are NOT dimmable. Ensure they are not connected to a dimmer switch. Verify the voltage supply is within 100-120V AC.

Problem	Possible Cause	Solution
Multiple bulbs in one fixture interfere with each other.	Sensors are detecting light from adjacent bulbs.	Ensure bulbs are positioned so their sensors do not directly face each other.

7. SPECIFICATIONS

- **Brand:** Torkase
- **Model Number:** QP6012SB
- **Light Type:** LED
- **Wattage:** 13 Watts
- **Incandescent Equivalent:** 100 Watts
- **Brightness:** 1100 Lumens
- **Color Temperature:** 6000 Kelvin (Daylight)
- **Bulb Shape Size:** A19
- **Bulb Base:** E26 Medium
- **Operating Voltage:** 100-120V AC
- **Special Feature:** Built-in Photocell Sensor (Dusk to Dawn)
- **Dimmable:** No (Not Dimmable)
- **Indoor/Outdoor Usage:** Indoor, Outdoor
- **Material Type:** Plastic
- **Estimated Lifespan:** 13 years (based on 3 hrs/day)
- **UPC:** 733424429880



Figure 7.1: Lighting Facts and Bulb Appearance.



Figure 7.2: Bulb Dimensions and Light Sensor Detail.

8. WARRANTY AND SUPPORT

Torkase 13W Dusk to Dawn LED Light Bulbs come with a **5-year warranty**. This warranty covers any quality issues or defects under normal use. For support or to initiate a return due to quality issues, please contact Torkase customer service through your purchase platform.

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