

- › [Sunco Lighting](#) /
- › [Sunco B11 Dusk to Dawn LED Candelabra Bulb Instruction Manual](#)

Sunco Lighting B11_CD2D-5W-27K-10PK

Sunco B11 Dusk to Dawn LED Candelabra Bulb Instruction Manual

Model: B11_CD2D-5W-27K-10PK

1. INTRODUCTION

Thank you for choosing Sunco B11 Dusk to Dawn LED Candelabra Bulbs. These bulbs are designed for convenience and energy efficiency, featuring an integrated photocell sensor that automatically turns the light on at dusk and off at dawn. With a classic Edison filament style, these 5W LED bulbs provide 500 lumens of 2700K soft white light, equivalent to a 40W incandescent bulb, and are suitable for outdoor enclosed fixtures with an E12 base.

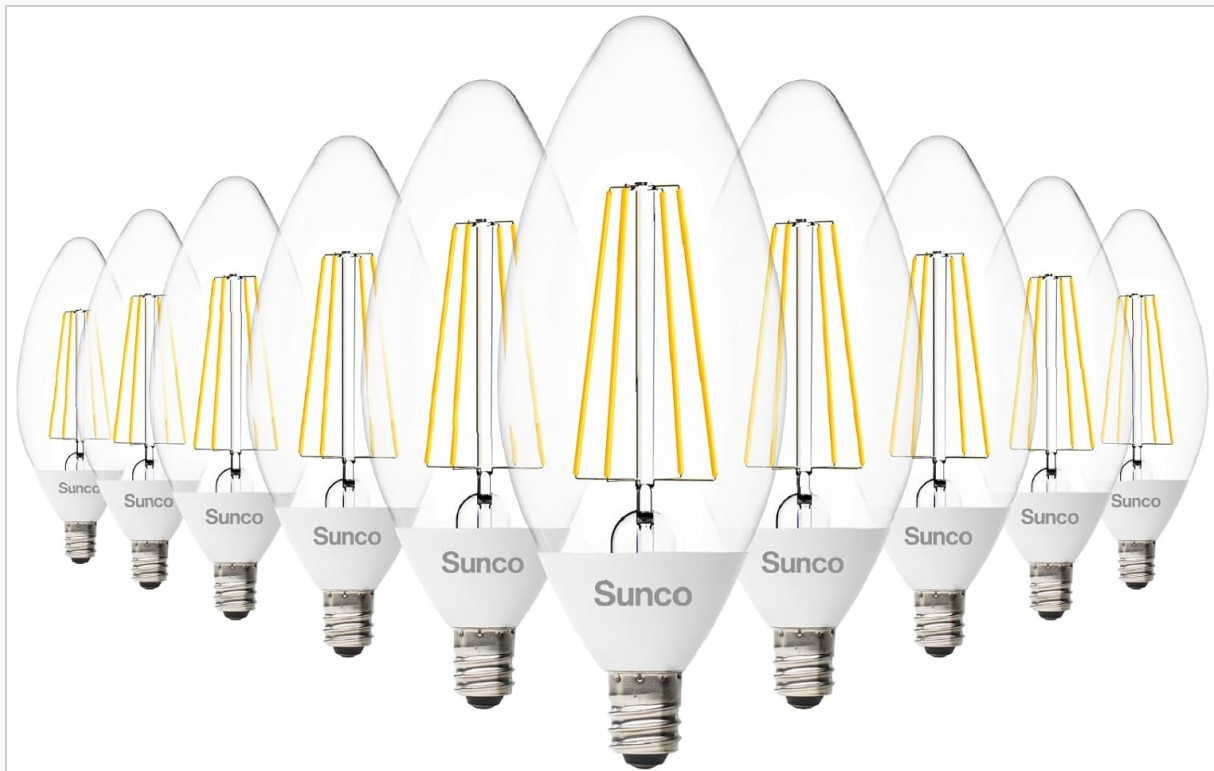


Image 1.1: Sunco B11 Dusk to Dawn LED Candelabra Bulbs. These bulbs feature a clear glass design with visible LED filaments and an E12 base.

2. SETUP AND INSTALLATION

These bulbs are designed for simple installation into standard E12 candelabra sockets. Ensure the fixture is suitable for outdoor use and is enclosed to protect the bulb from direct weather exposure.

1. **Power Off:** Before installation, ensure the power supply to the fixture is turned off at the 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 Sunco B11 Dusk to Dawn LED bulb into the E12 socket until it is finger-tight. Do not overtighten.
4. **Restore Power:** Turn the power supply back on at the circuit breaker.

The bulb is non-dimmable. Do not use with dimmer switches, as this may cause damage to the bulb or affect its performance.

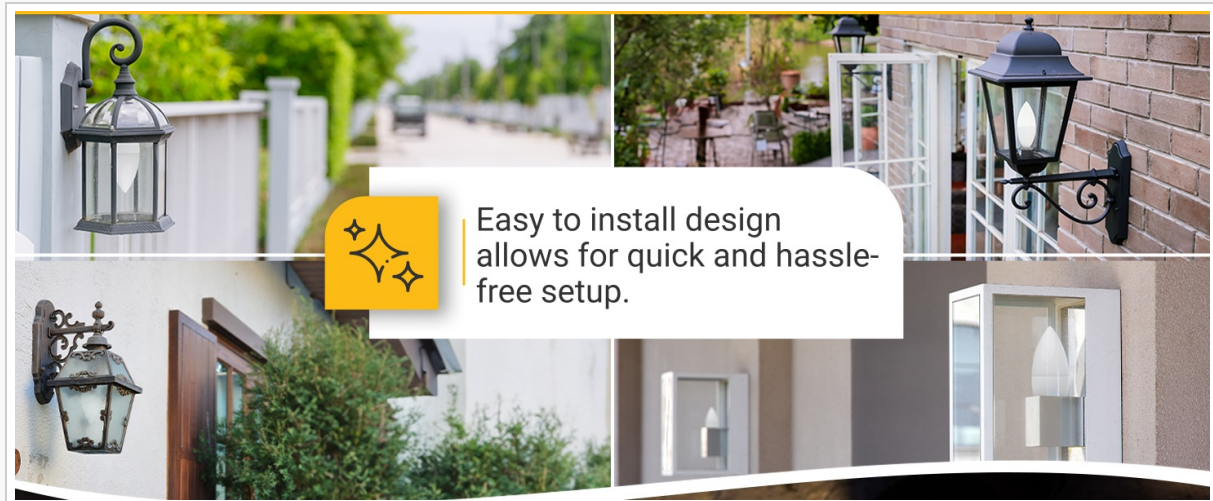


Image 2.1: Simple Setup. This image illustrates the ease of installing the bulb, emphasizing a quick and hassle-free process.

3. OPERATING INSTRUCTIONS

The Sunco B11 Dusk to Dawn LED bulb features an integrated photocell sensor that automatically detects ambient light levels. Once installed and powered, the bulb will operate as follows:

- **Automatic On:** The bulb will automatically illuminate when the ambient light level drops below a certain threshold (at dusk).
- **Automatic Off:** The bulb will automatically turn off when sufficient ambient light is detected (at dawn).

No manual switching is required for daily operation. Ensure the photocell sensor on the bulb is not obstructed by the fixture, decorations, or other objects, as this can interfere with its ability to detect light levels accurately.



Image 3.1: Automatic Dusk to Dawn Functionality. This image visually demonstrates how the bulb automatically turns on at night and off during the day, providing continuous outdoor lighting without manual intervention.

4. MAINTENANCE

Sunco B11 LED bulbs are designed for long-lasting performance and require minimal maintenance.

- **Cleaning:** To clean the bulb, ensure the power is off and the bulb is cool. Gently wipe with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Inspection:** Periodically inspect the bulb and fixture for any signs of damage or wear.
- **Replacement:** While designed for a long lifespan, if the bulb ceases to function, replace it with a new Sunco B11 Dusk to Dawn LED bulb.

5. TROUBLESHOOTING

If you experience issues with your Sunco B11 Dusk to Dawn LED bulb, refer to the following common solutions:

- **Bulb does not turn on at dusk:**
 - Ensure the power to the fixture is on.
 - Check that the photocell sensor on the bulb is not obstructed by the fixture, eaves, or other objects that might block natural light.
 - Verify the bulb is screwed in securely.
 - Allow up to 24 hours for the sensor to calibrate to its environment after initial installation or power cycling.
- **Bulb does not turn off at dawn:**
 - Ensure the photocell sensor is not in a shaded area or receiving insufficient light during the day.
 - Check for any external light sources (e.g., another bright light, street light) that might be illuminating the sensor, causing it to remain off.
 - Allow up to 24 hours for the sensor to calibrate.
- **Bulb flickers or buzzes:**
 - These bulbs are non-dimmable. Ensure they are not connected to a dimmer switch.
 - Verify the bulb is securely seated in the socket.

6. SPECIFICATIONS

Feature	Specification
Brand	Sunco Lighting
Model Number	B11_CD2D-5W-27K-10PK
Light Type	LED
Special Feature	Edison Style Retro Look, Waterproof (for enclosed fixtures), Auto On/Off (Dusk to Dawn), Non-Dimmable
Wattage	5 Watts
Incandescent Equivalent	40 Watts
Bulb Shape Size	B11 (Candle)
Bulb Base	E12 (Candelabra)
Brightness	500 Lumens
Light Color	Soft White
Color Temperature	2700 Kelvin
Voltage	120 Volts (100 to 120 Volts and 60 Hertz)

Average Life	15,000 Hours
Material	Glass
Indoor/Outdoor Usage	Outdoor (in enclosed fixtures)
Product Dimensions	1.38"W x 3.93"H



Image 6.1: Bulb Specifications. This diagram highlights the bulb's dimensions (3.9 inches height, 1.4 inches width) and features such as 500 lumens brightness, 5W wattage, E12 base, 91 CRI, dusk to dawn photocell sensor, and 15,000 hours lifespan.

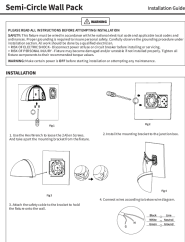

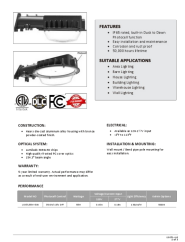
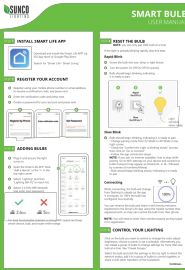
7. WARRANTY AND SUPPORT



Sunco Lighting provides a **5-year warranty** for this product, ensuring quality and performance. For warranty claims, technical assistance, or any questions regarding your Sunco B11 Dusk to Dawn LED bulbs, please contact Sunco Lighting customer support.

Contact Information: Please refer to the official Sunco Lighting website or your purchase documentation for the most current customer support contact details.

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Related Documents - B11_CD2D-5W-27K-10PK

 <p>The image shows the cover of the 'Semi-Circle Wall Pack' installation guide. It features a green header with the Sunco Lighting logo and the title 'Semi-Circle Wall Pack'. Below the title, there is a section for 'INSTALLATION' with numbered steps and diagrams. The guide is designed to provide a clear, step-by-step process for installing the wall pack fixture.</p>	<p>Semi-Circle Wall Pack Installation Guide: Selectable Wattage & CCT LED Fixture</p> <p>Comprehensive installation guide for the Sunco Lighting Semi-Circle Wall Pack, featuring selectable wattage, CCT, and dusk-to-dawn photocell functionality. Includes safety warnings, step-by-step mounting instructions, wiring diagrams, and DIP switch configuration.</p>
 <p>The image shows the cover of the 'Dusk to Dawn' user guide. It features a green header with the Sunco Lighting logo and the title 'DUSK TO DAWN'. Below the title, there is a section for 'INCREASED AND RADAR PHOTOCELL'. The guide includes various icons and text boxes explaining the features and best practices for using the dusk-to-dawn LED bulbs and fixtures.</p>	<p>Sunco Lighting Dusk to Dawn LED User Guide & Best Practices</p> <p>Learn how to use Sunco Lighting's Dusk to Dawn LED bulbs and fixtures for automatic outdoor lighting. This guide covers photocell technology, installation tips, and best practices for optimal performance.</p>
 <p>The image shows the cover of the 'Dusk to Dawn LED Light' product page. It features a green header with the Sunco Lighting logo and the title 'DUSK TO DAWN LED LIGHT'. Below the title, there is a section for 'FEATURES' and 'NOTABLE APPLICATIONS'. The page includes a photograph of the barn light fixture and a list of its key features and applications.</p>	<p>Sunco Lighting Dusk to Dawn LED Barn Light - 55W, 5000K, IP65 Rated Outdoor Fixture</p> <p>Discover the Sunco Lighting 55W Dusk to Dawn LED Barn Light. This IP65 rated fixture delivers 7150 lumens at 5000K, featuring a built-in photocell, durable aluminum construction, and a 5-year warranty. Ideal for area, barn, and warehouse lighting.</p>
 <p>The image shows the cover of the 'Smart Bulb' user manual. It features a green header with the Sunco Lighting logo and the title 'SMART BULB'. Below the title, there is a section for 'INSTALL SMART LIFE APP'. The manual includes various icons and text boxes explaining the setup, control, and voice integration for the smart bulbs.</p>	<p>Sunco Lighting Smart Bulb User Manual: Setup, Control, and Voice Integration</p> <p>Comprehensive user manual for Sunco Lighting Smart Bulbs. Learn how to install the Smart Life app, register your account, add bulbs, reset them, control lighting, and use voice commands with Google Home and Amazon Alexa.</p>

 The image shows the cover of the Sunco Lighting Smart Bulb User Manual. It features the Sunco logo at the top left. The title 'SMART BULB' is prominently displayed in a green box. Below the title, there are several sections with icons: 'Get the Sunco Smart Life App', 'Register and Pair Bulb', 'Control Features', and 'Pairing with EZ Mode (optional)'. The cover is primarily white with green accents.	<p>Sunco Lighting Smart Bulb User Manual - Installation, Setup, and Control</p> <p>Comprehensive user manual for Sunco Lighting Smart Bulbs. Learn how to install the Smart Life app, register, pair your bulb using EZ Mode, control lighting features, and set up voice control with Google Home and Amazon Alexa.</p>
 The image shows the cover of the Sunco Lighting Industrial Shop Light Installation Guide and Manual. It features the Sunco logo at the top left. The title 'INDUSTRIAL SHOP LIGHT' is prominently displayed in a green box. Below the title, there are several sections with icons: 'Easy Installation', 'Safety Warnings', and 'Specifications'. The cover is primarily white with green accents.	<p>Sunco Lighting Industrial Shop Light Installation Guide and Manual</p> <p>Comprehensive installation guide and manual for the Sunco Lighting Industrial Shop Light, covering components, suspension and direct mount installation, safety warnings, and specifications.</p>