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Westek SLC5BCW-4

Westek SLC5BCW-4 Outdoor/Indoor Dusk to Dawn Light Control Instruction Manual

Model: SLC5BCW-4

1. Introduction and Overview

The Westek SLC5BCW-4 Dusk to Dawn Light Control is designed to automate your lighting by turning lights on at dusk and off at dawn. This unit is suitable for both outdoor and indoor applications, providing convenience and energy savings by ensuring lights operate only when needed.

Key features include:

- Automatic dusk to dawn operation.
- Compatibility with LED, CFL, incandescent, and halogen bulbs.
- Designed for standard E26 medium base sockets.
- Durable plastic housing for indoor/outdoor use.

2. Safety Information

Please read and understand all safety instructions before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Hazard:** Do not use this control with another light control or dimmer on the same circuit. This can cause malfunction or damage.
- **Sensor Functionality:** The light sensor requires clear visibility to ambient light. Do not use this control with opaque or frosted glass fixtures, as the sensor will not function correctly.
- **Wattage Limits:** This control is rated for a maximum of 150 Watts when the light socket is facing upwards. When the light socket is facing downwards, the maximum rated wattage is 100 Watts. Exceeding these limits can lead to overheating and damage.
- **Installation:** Ensure power is turned off at the circuit breaker before installation or servicing.

3. Product Components

The Westek SLC5BCW-4 Dusk to Dawn Light Control consists of a screw-in adapter with an integrated photocell sensor.



Image: Two Westek SLC5BCW-4 Dusk to Dawn Light Controls. These are white plastic screw-in adapters, each featuring a small, circular light sensor on the side of the cylindrical body, above the threaded base.

4. Setup and Installation

Follow these steps to install your Westek SLC5BCW-4 Light Control:

1. **Turn off Power:** Before beginning installation, ensure the power to the light fixture is turned off at the circuit breaker or fuse box.
2. **Screw in Control:** Carefully screw the Westek SLC5BCW-4 control into any standard E26 medium base light socket. Ensure it is securely tightened.
3. **Install Bulb:** Screw your compatible CFL, LED, incandescent, or halogen bulb into the Westek control.
4. **Orient Sensor:** For optimal performance, ensure the small light sensor on the side of the control is facing outwards towards ambient light and is not obstructed by the fixture or surrounding objects. Some models feature a spring-loaded base allowing rotation for proper sensor alignment.
5. **Restore Power:** Turn the power back on at the circuit breaker.

5. Operating Instructions

Once installed and powered, the Westek SLC5BCW-4 Light Control operates automatically:

- The integrated photocell sensor detects ambient light levels.
- When natural light diminishes to a certain level (dusk), the control will automatically turn on the connected bulb.
- When natural light increases to a sufficient level (dawn), the control will automatically turn off the connected bulb.
- If connected to a switched circuit, there may be a brief initial delay or sequence (e.g., light on for 1 second, off for 3-4 seconds, then stable operation) when the switch is first turned on. This is normal behavior for some sensor types.

6. Maintenance

The Westek SLC5BCW-4 Light Control requires minimal maintenance:

- Periodically inspect the sensor area to ensure it remains clear of dust, dirt, spiderwebs, or any other obstructions

that could block ambient light.
- Clean the sensor gently with a soft, dry cloth if necessary. Do not use abrasive cleaners or liquids.
- Ensure the light fixture's glass remains clear if the control is used within an enclosed fixture.

7. Troubleshooting

If your Westek SLC5BCW-4 Light Control is not functioning as expected, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Light does not turn on at dusk.	• Sensor obstructed or covered. • Sensor behind opaque/frosted glass. • Bulb is faulty. • Power is off. • Another light source is keeping the sensor activated.	• Ensure sensor is clear and facing ambient light. • Use with clear glass fixtures only. • Test the bulb in another fixture or replace it. • Check circuit breaker and wall switch. • Relocate the fixture or block competing light sources.
Light does not turn off at dawn.	• Sensor obstructed or covered. • Sensor not receiving enough ambient light. • Faulty control unit.	• Ensure sensor is clear and facing ambient light. • Verify the sensor is not in a perpetually shaded area. • If all else fails, the unit may be defective and require replacement.
Light flickers or cycles on/off rapidly.	• Interference from another light control or dimmer. • Sensor receiving inconsistent light (e.g., from passing car headlights).	• Remove any other light controls or dimmers from the circuit. • Adjust sensor orientation or relocate the fixture to a more stable light environment.
Unit stopped working after a period of use.	• Bulb failure. • Control unit failure.	• Test the bulb in another fixture or replace it. • If the bulb is functional, the control unit may have failed and requires replacement.

8. Specifications

- **Brand:** Westek
- **Model:** SLC5BCW-4
- **Light Type Compatibility:** CFL, LED, Incandescent, Halogen
- **Maximum Wattage:** 150 Watts (socket up), 100 Watts (socket down)
- **Bulb Base:** E26 (Medium Base)
- **Material:** Plastic
- **Usage:** Indoor/Outdoor

- **Power Source:** Corded Electric
- **Voltage/Frequency:** 100-120 Volts, 60 Hertz
- **Item Weight:** Approximately 4.2 ounces (0.12 Kilograms)
- **Package Dimensions:** Approximately 7.01 x 4.45 x 2.6 inches
- **UPC:** 735520746540

9. Warranty and Support

This Westek product is typically covered by a manufacturer's warranty, often for a period of one year from the date of purchase. For specific warranty terms, technical assistance, or to report a defective product, please contact AmerTac, the manufacturer of Westek products.

Please retain your proof of purchase for warranty claims.

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