Westek SLC6CBC-4

Westek SLC6CBC-4 Light Sensor Socket Instruction Manual

Model: SLC6CBC-4 | Brand: Westek

1. Introduction

The Westek SLC6CBC-4 Light Sensor Socket provides automatic control for your lighting fixtures, enabling them to turn on at dusk and off at dawn, or operate on a timed schedule. This device is designed for both indoor and outdoor use, offering convenience and enhanced security by simulating home occupancy. It is compatible with standard light sockets and various bulb types, including incandescent, compact fluorescent, and LED bulbs up to 100W.



Figure 1: Collage of four images demonstrating various applications of the Westek Light Sensor Socket in a home environment: floodlights, house lamps, ceiling lights, and porch lights, emphasizing its versatility.

2. Safety Information

- **WARNING:** To avoid electric shock, always turn off power to the light fixture at the circuit breaker or fuse box before installation or servicing.
- Do not exceed the maximum wattage rating of 100 Watts for the connected bulb.
- Ensure the light sensor socket is installed in a fixture that allows the photocell sensor to receive natural light and is not obstructed by opaque or frosted glass.
- This device is intended for use with standard E26 base light bulbs.
- Do not use with dimmers or three-way switches.

3. Package Contents

- 2 x Westek Light Sensor Sockets (Model: SLC6CBC-4)



Figure 2: Image of two Westek Light Sensor Sockets, showing their compact design and standard screw-in base.

4. Product Overview

Familiarize yourself with the components of your Westek Light Sensor Socket:



Figure 3: Detailed diagram of the Westek Light Sensor Socket, labeling its key components: the bulb insertion port, control programming button, automatic photocell sensor, and control connection trigger.

- **Bulb Insertion Port:** Where the light bulb screws into the sensor socket.
- **Control Programming Button:** Used to select the desired operating mode (Dusk-to-Dawn or timed settings).
- **Automatic Photocell Sensor:** Detects ambient light levels to activate or deactivate the light.
- **Control Connection Trigger:** The screw-in base that connects to your existing light fixture socket.

5. Installation

Follow these steps to install your Westek Light Sensor Socket:

1. **Turn off Power:** Ensure the power to the light fixture is completely off at the circuit breaker or fuse box before beginning installation.
2. **Screw in Control:** Carefully screw the Westek Light Sensor Socket into your existing light fixture's socket until it is snug. Do not overtighten.
3. **Insert Light Bulb:** Screw your light bulb (up to 100W) into the bulb insertion port of the sensor socket.
4. **Position Photocell Sensor:** Orient the light fixture and sensor socket so that the photocell sensor (small black dot) faces natural light and is not obstructed by the fixture itself or artificial light sources (e.g., other lamps, streetlights) that could interfere with its operation.
5. **Program Control:** Proceed to Section 6 to program your desired operating mode.



Figure 4: Step-by-step visual guide for easy installation of the Westek Light Sensor Socket, showing how to switch off power, screw the control into the socket, screw the bulb into the control, position the photocell sensor, and program the device. An icon indicates compatibility with porch lights and floodlights.

6. Operation & Programming

The Westek Light Sensor Socket offers multiple operating modes. Use the control programming button to cycle through the settings.



Figure 5: Diagram illustrating the 'Dusk to Dawn' functionality of the Westek Light Sensor Socket, highlighting features like suitability for indoor/outdoor use, necessity for unoccupied homes, easy installation, and day/night operation time settings (2, 5, or 8 hours).

Operating Modes:

- **Dusk-to-Dawn:** The light will automatically turn on when it gets dark and turn off when it gets light. This is often the default setting out of the box.
- **Timed Settings (2, 5, or 8 Hours):** The light will turn on at dusk and remain on for a set duration of 2, 5, or 8 hours, then turn off.
- **Random Setting:** This mode turns the light on at dusk and off at random intervals, simulating home occupancy to deter potential intruders.

Programming Instructions:

1. Ensure the light fixture has power. The light bulb will illuminate briefly to indicate it's receiving power.
2. Locate the small control programming button on the side of the sensor socket (refer to Figure 3).
3. Press the button repeatedly to cycle through the available operating modes. Each press will typically change the mode. Observe the light's behavior or any indicator (if present) to confirm the selected mode.
4. Once your desired mode is selected, release the button. The setting will be saved.

Note: *The exact indication for each mode (e.g., number of flashes) may vary. Refer to any included quick-start guide for specific visual cues if available. If no specific cues are provided, test the settings over a day/night cycle to confirm the desired operation.*

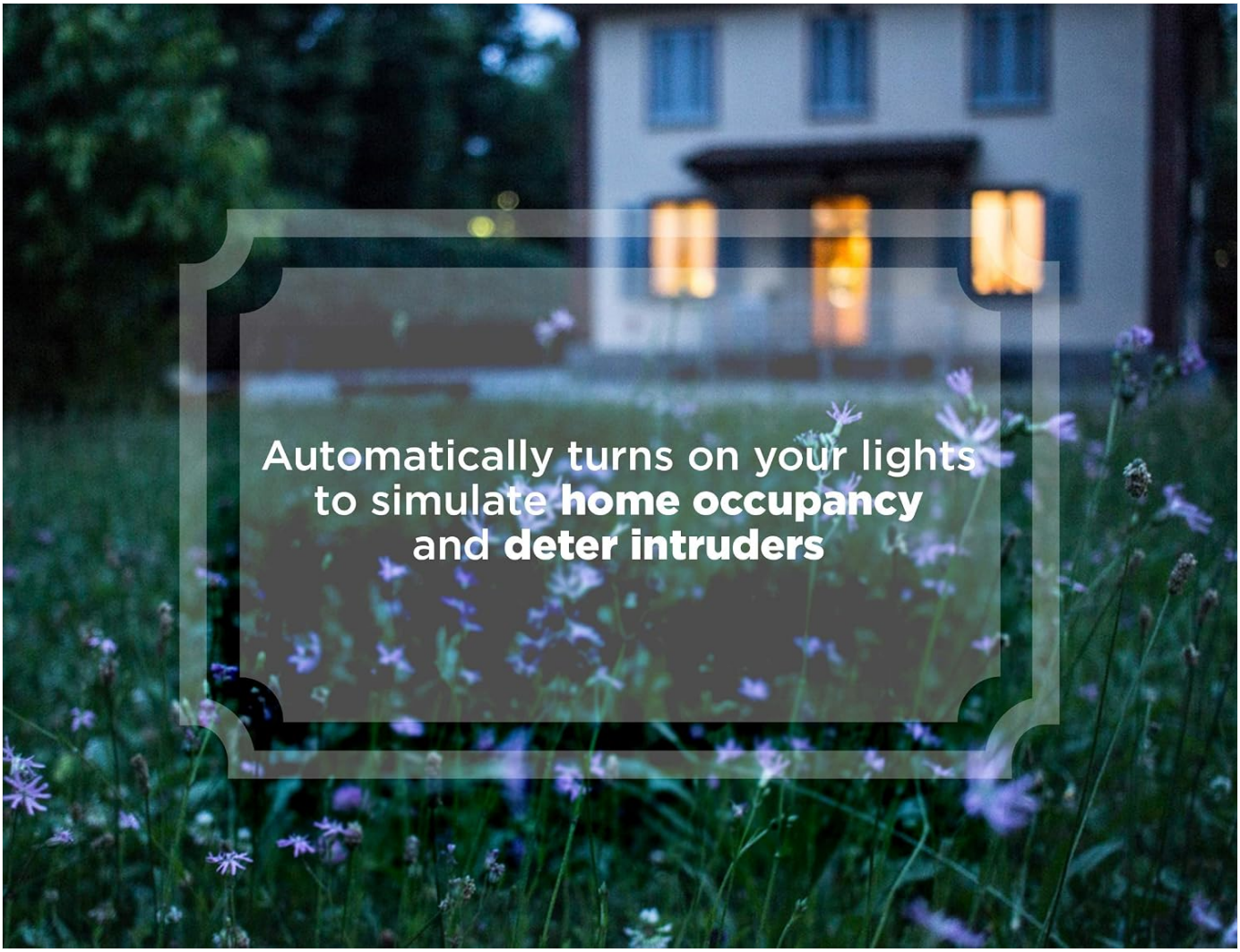


Figure 6: Image of a house at dusk with lights on, seen through a field of flowers, with text overlay stating 'Automatically turns on your lights to simulate home occupancy and deter intruders,' highlighting the security feature of the light sensor.

Your browser does not support the video tag.

Video 1: Video demonstrating the features and installation of the Westek Light Sensor Socket, including its programmable dusk-to-dawn and timed settings for various home lighting applications.

7. Maintenance

To ensure optimal performance of your light sensor socket:

- Periodically check that the photocell sensor is clean and free from dust, dirt, or obstructions. A dirty sensor may affect its ability to detect light accurately.
- Ensure no artificial light sources are directly shining on the photocell sensor, as this can cause the light to turn off prematurely or not turn on at all.

8. Troubleshooting

If you encounter issues with your Westek Light Sensor Socket, try the following:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Light does not turn on at dusk.	• Power is off. • Photocell sensor is obstructed or receiving too much light. • Bulb is faulty or loose. • Incorrect programming mode.	• Check circuit breaker/fuse. • Ensure sensor is clean and facing natural light, away from artificial sources. • Replace bulb or tighten it. • Reprogram the device to Dusk-to-Dawn mode.
Light does not turn off at dawn.	• Photocell sensor is obstructed or not receiving enough light. • Artificial light source is shining on the sensor. • Incorrect programming mode.	• Ensure sensor is clean and facing natural light. • Relocate or shield the sensor from artificial light. • Reprogram the device to Dusk-to-Dawn or a timed mode.
Light turns on/off at incorrect times.	• Sensor interference. • Incorrect programming mode.	• Check for nearby artificial lights or obstructions. • Reprogram the device to the desired mode.

9. Specifications

- **Model:** SLC6CBC-4 (CECOMINOD033758)
- **Brand:** Westek
- **Voltage:** 120 Volts
- **Max Wattage:** 100 Watts (for compatible bulbs)
- **Product Dimensions:** 1.95 inches (Width) x 3.3 inches (Height)
- **Item Weight:** 5.9 ounces
- **Compatibility:** Standard E26 light sockets
- **Features:** Dusk-to-Dawn, 2/5/8 Hour Timer, Random Timer



Figure 7: Image of the Westek Light Sensor Socket with its dimensions (1.75 inches width, 2.75 inches height) superimposed, set against a background of a house with a pool at night, emphasizing its use for unoccupied homes.

10. Warranty and Support

For warranty information or technical support, please refer to the official Westek website or contact their customer service department. Keep your purchase receipt for any warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question