LEONLITE 13200

LEONLITE 3CCT Dusk to Dawn LED Security Light

MODEL: 13200 - INSTRUCTION MANUAL

1. Introduction

Thank you for choosing the LEONLITE 3CCT Dusk to Dawn LED Security Light. This manual provides essential information for the safe installation, operation, and maintenance of your new security light. Please read these instructions thoroughly before installation and retain them for future reference.
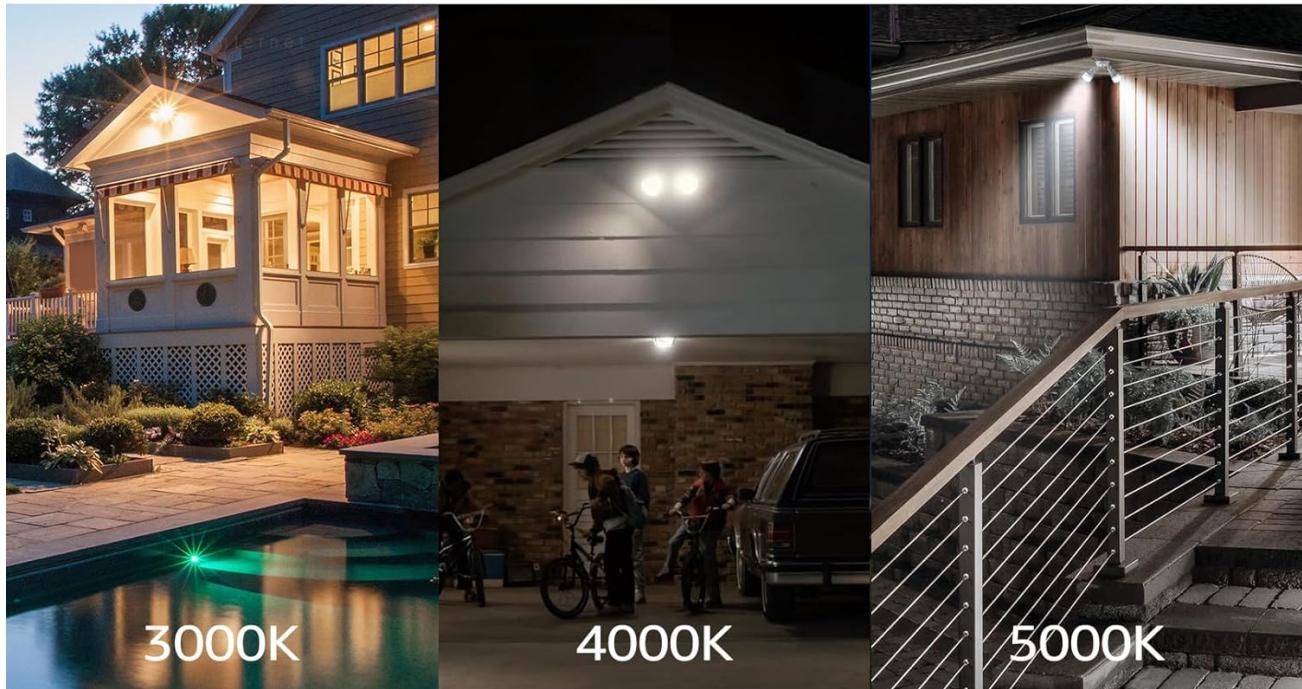
Image: LEONLITE 3CCT Dusk to Dawn LED Security Light, showcasing its dual-head design.

2. Safety Information

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Ensure all electrical connections are secure and properly insulated.
- Do not install this fixture with wet hands or while standing on a wet or damp surface.
- This fixture is designed for outdoor use in wet locations. Ensure proper sealing during installation to maintain its IP65 waterproof rating.

3. Package Contents

Verify that all components are present before beginning installation:

- 1 x LED Security Light Fixture

- 1 x Mounting Bracket
- 1 x Gasket
- 3 x Wire Nuts
- 2 x Mounting Screws
- 1 x Ground Screw
- 1 x Decorative Plug
- 1 x Instruction Manual

Component & Installation

Screw

Grommet

Wire Nut

J-BOX
(not included)

Plug

Gasket   Mounting
Bracket
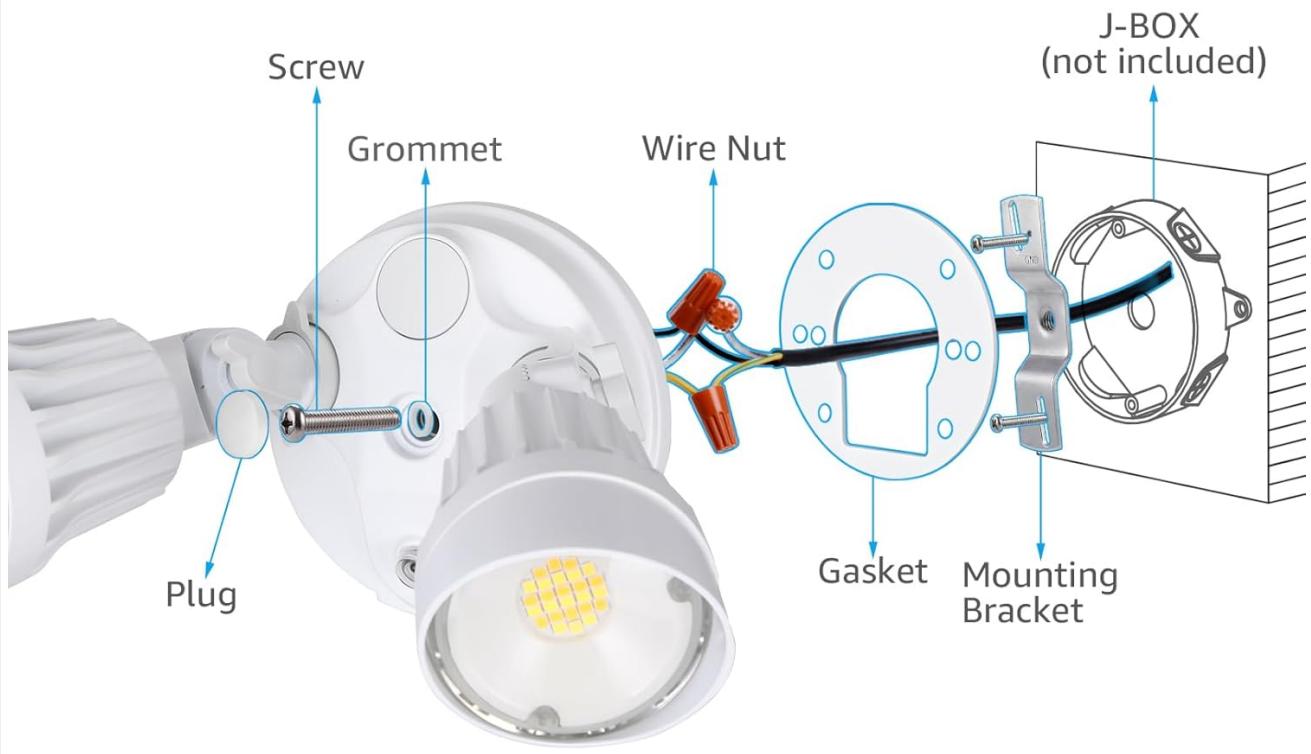
Image: Exploded view of the security light showing the fixture, mounting bracket, gasket, wire nuts, and screws.

4. Features

- **3CCT Selectable:** Choose between 3000K (Warm White), 4000K (Cool White), or 5000K (Daylight) color temperatures using a toggle switch on the fixture.
- **Dusk to Dawn Sensor:** Built-in photocell automatically turns the light ON when ambient light levels are low and OFF when daylight is sufficient.
- **Energy Efficient:** 25W integrated LED provides 2500 lumens, equivalent to a 200W incandescent fixture, reducing energy consumption.
- **Durable Construction:** Die-cast aluminum housing ensures durability and corrosion resistance.
- **Wet Location Rated:** IP65 waterproof rating and -4°F to 122°F working temperature protect the light from various weather conditions.
- **Adjustable Dual-Heads:** Two light heads can be rotated 360° horizontally and 180° vertically to direct light precisely where needed.

Image: Visual representation of the three selectable color temperatures (3000K, 4000K, 5000K) provided by the light.

LEONLITE LED security light provides three color temperatures which allow you to customize the light output to suit your needs

3000K Warm White
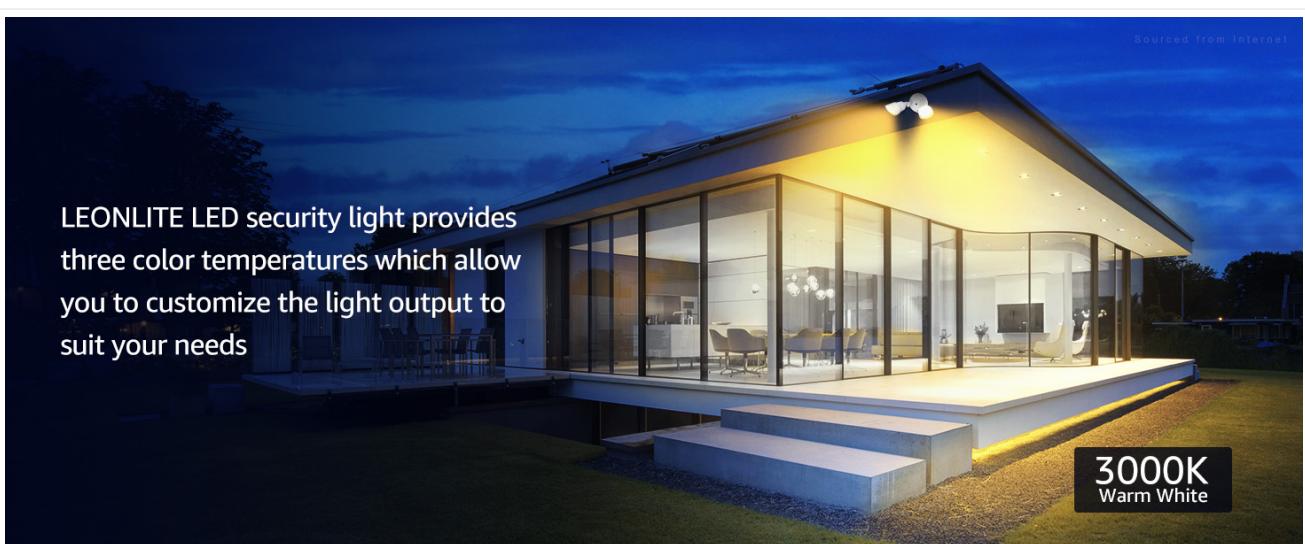
Image: Illustration of the dusk to dawn functionality, with the light off during the day and on at night.

LEONLITE LED security light provides three color temperatures which allow you to customize the light output to suit your needs

5000K Daylight
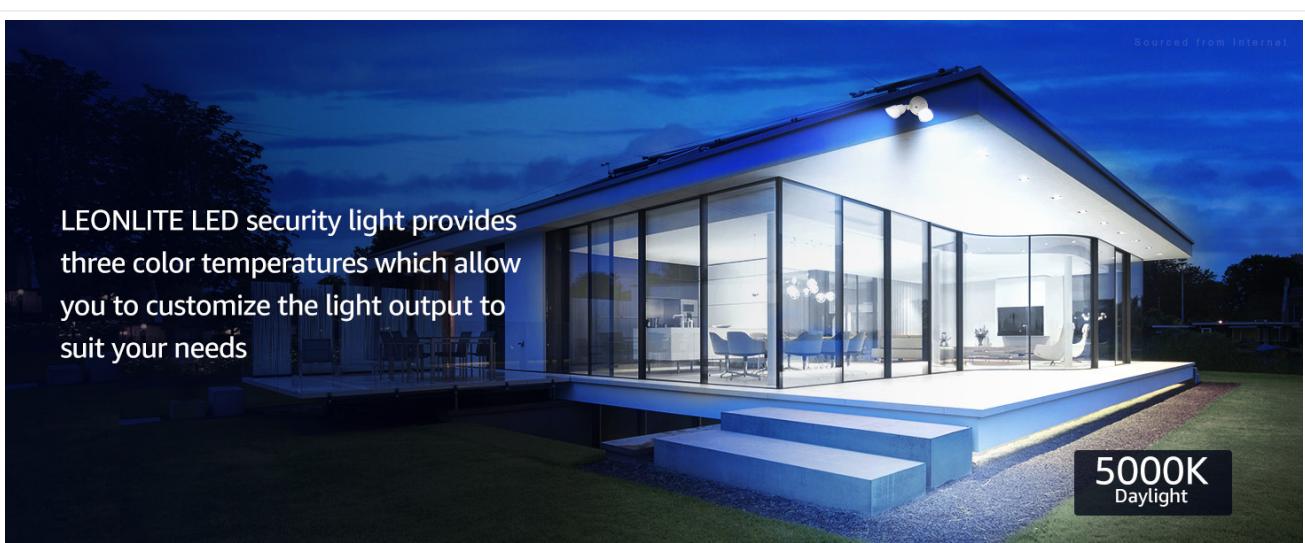
Image: Diagram showing the 360° horizontal and 180° vertical adjustability of the light heads.

5. Setup and Installation

Before Installation: Ensure power is OFF at the circuit breaker. This fixture is designed for mounting to a standard junction box.

1. **Prepare Wiring:** Carefully remove the existing fixture. Connect the fixture's wires to your household wiring: black to black (live), white to white (neutral), and green/yellow to green (ground). Secure connections with wire nuts.
2. **Mounting Bracket:** Attach the mounting bracket to your junction box using the provided screws. Ensure the bracket is oriented correctly for the fixture to sit flush.
3. **Secure Fixture:** Tuck all wires neatly into the junction box. Align the fixture with the mounting bracket and secure it with the central screw.
4. **Adjust Heads:** Loosen the dentate knobs on each light head to adjust their angle. Tighten the knobs once the desired direction is achieved.
5. **Select Color Temperature:** Locate the 3CCT toggle switch on the fixture base. Select your preferred color temperature (3000K, 4000K, or 5000K).
6. **Restore Power:** Turn power ON at the circuit breaker. The light will activate according to the dusk to dawn sensor.

Your browser does not support the video tag.

Video: Official LEONLITE video demonstrating the installation process and key features of the 3CCT Dusk to Dawn LED Security Light.

6. Operating Instructions

- **Dusk to Dawn Functionality:** The integrated photocell sensor automatically detects ambient light. The fixture will turn on at dusk and turn off at dawn, providing hands-free operation. No manual switching is required for this mode.
- **Color Temperature Selection:** To change the color temperature, ensure the power is off. Locate the 3CCT toggle switch on the fixture. Slide the switch to your desired setting (3000K, 4000K, or 5000K). Restore power.

7. Maintenance

- **Cleaning:** Periodically clean the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or electrical components.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and consult a qualified electrician.
- **LED Lifespan:** The integrated LED chips have a long lifespan of approximately 30,000 hours and do not require replacement.

8. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on at night.	1. Power is off. 2. Photocell is obstructed or receiving too much light. 3. Faulty wiring connection.	1. Check circuit breaker. 2. Ensure photocell is clear and not exposed to other light sources (e.g., streetlights, other fixtures). 3. Verify all wiring connections are secure.
Light stays on during the day.	1. Photocell is obstructed or faulty. 2. Insufficient ambient light.	1. Clear any obstructions from the photocell. If issue persists, contact customer service. 2. Ensure the area receives adequate daylight.

Problem	Possible Cause	Solution
Light flickers or cycles on/off.	1. Loose wiring connection. 2. Photocell interference. 3. Power fluctuations.	1. Check and secure all wiring connections. 2. Ensure no external light sources are intermittently affecting the photocell. 3. Consult an electrician if power fluctuations are suspected.

9. Specifications

Feature	Detail
Model Number	13200
Wattage	25W
Lumen Output	2500 Lumens
Color Temperature (CCT)	3000K / 4000K / 5000K Selectable
Voltage	120V AC
Material	Aluminum
Water Resistance Rating	IP65 (Wet Location)
Working Temperature	-4°F to 122°F
Average Life	30,000 Hours
Product Dimensions	8.07"L x 7.48"W x 4.72"H
Certifications	ETL Listed

10. Warranty and Support

This LEONLITE 3CCT Dusk to Dawn LED Security Light comes with a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims or technical support, please contact LEONLITE customer service.

Customer Service:

Website: Visit the LEONLITE Store on Amazon

Email: support@leonlite.com (Example)

Phone: 1-800-XXX-XXXX (Example)

Please have your model number (13200) and proof of purchase ready when contacting support.