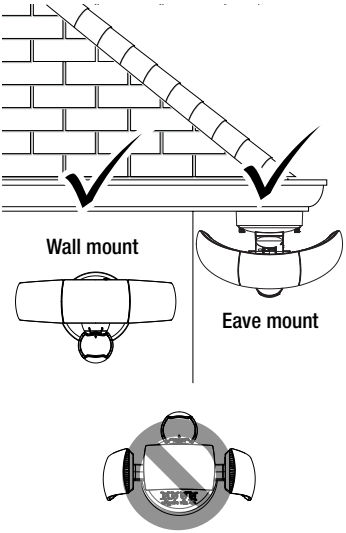
Installation

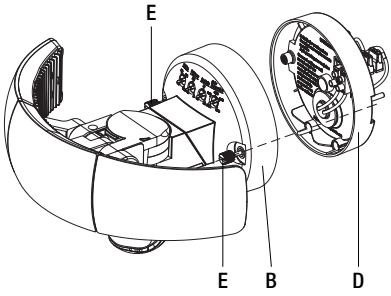
1 Determining the mounting location



2 Removing the mounting plate

NOTE: This fixture comes with a mounting plate (D) It is pre-assembled on the light fixture (B) for shipping.

□ Unscrew the two decorative screws (E) (the screws do not come out of the canopy) connecting the light fixture (B) to the mounting plate (D) and remove the mounting plate (D).



3 Preparing the light for eave mounting

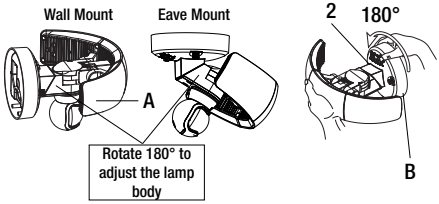
IMPORTANT: The light fixture and control module will only rotate one direction. Do NOT FORCE the control module if it does not turn.

NOTE: The light fixture should be mounted approximately 8 ft. (2.4 m) above the ground. If the light fixture is mounted higher than recommended, aiming the sensor down will reduce the coverage area.

□ Determine the mounting location wall or eave mount.

□ While holding the light fixture (B) in both hands, carefully twist the light fixture's control module (2) 180 degrees as shown.

□ Position the lamp heads (A) in the general direction of the desired light coverage.



4 Installing the mounting bracket

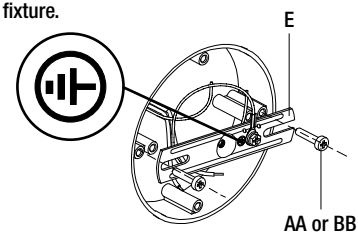
WARNING: Turn the power off at the circuit breaker or fuse. Place tape over the circuit breaker switch and verify power is off at the light fixture.

NOTE: Four mounting bracket screws of various sizes are included. The installation will only require two. Discard the unused mounting bracket screws after installation.

□ Remove the existing light fixture.

□ Install the mounting bracket (EE) with the stamped symbol "⏚" facing away from the junction box. Use the mounting bracket screws (AA or BB) that best fit the junction box.

□ Firmly pull on the mounting bracket to verify it is securely mounted to the junction box. If necessary, use the screws that were removed from the existing light fixture.

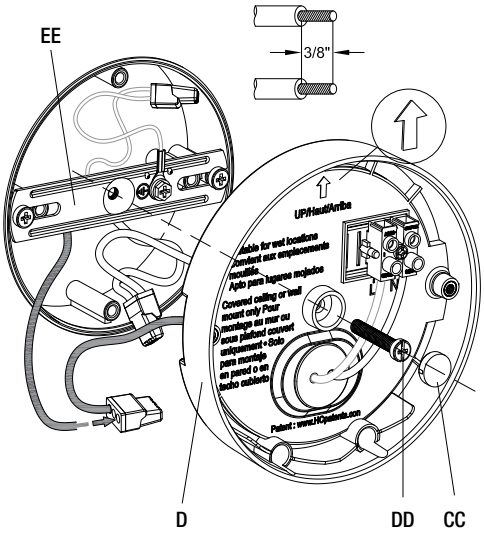


Installation (continued)

5 Installing the mounting plate

- □ Connect the house ground wire to the ground wire on the mounting bracket using the wire connector installed on the mounting bracket (EE).
- □ Insert the white “Neutral (N)” wire from the house with the white wire on the fixture using the pre-installed connector.
- □ Insert the black “Line (L)” wire from the house with the black wire on the fixture using the pre-installed connector.
- □ Place the mounting plate (D) against the junction box.
- □ When mounting to a wall, the “UP” arrow must point upward.
- □ When mounting to an eave, the “UP” arrow must point toward the building.
- □ Remove rubber plug (CC). Insert the mounting bolt (DD) through the mounting plate (D) center hole and thread it into the center hole of the mounting bracket (EE). Tighten the bolt (DD) securely. Insert rubber plug (CC).
- □ Firmly pull on the mounting plate to verify it is securely attached to the mounting bracket.

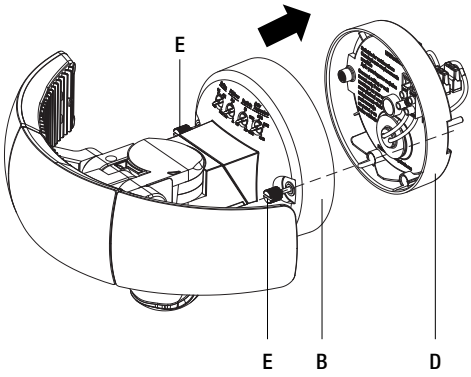
NOTE: If necessary strip 3/8 inch of insulation from junction box wires.



6 Attaching the light fixture

NOTE: The two pins on the rear of the light fixture must be inserted into the terminal block for the light to work.

- □ Align the bottom edge of the light fixture (B) with the bottom edge of the mounting plate (D). Tilt the light fixture (B) toward the mounting plate (D), making sure the light fixture (B) is centered on the mounting plate (D).
- □ Tighten the two mounting screws (E) securely to the mounting plate (D). Do not overtighten.

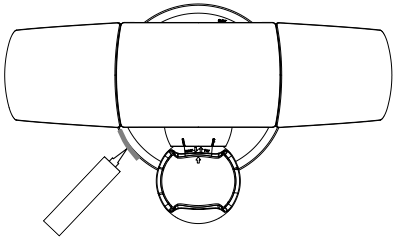


Installation (continued)

7 Caulking around the light fixture

□ Caulk around the mounting plate (D) and mounting surface with silicone sealant (not included).

WARNING: Failure to completely caulk around the light fixture's mounting base could result in water seepage into the light fixture and/or junction box.



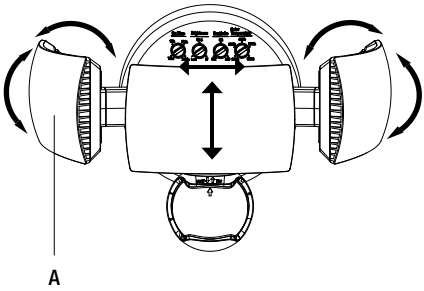
Operation

1 Adjusting the lamp heads

WARNING: Risk of fire. Keep the lamp heads at least 2 in. (51 mm) from combustible materials.

□ Turn the power on at the circuit breaker or fuse and turn on the wall switch.

□ If needed, gently grasp the lamp heads (A) and tilt them up or down or side to side to adjust the light coverage area.



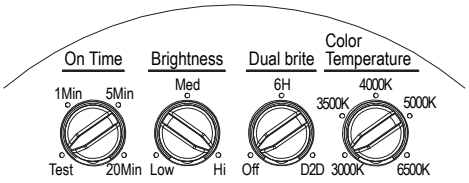
2 Setting the sensor for testing

NOTE: When the On Time "1 Min - 5 Min - 20 Min - Test" control is set to the "Test" position, the light fixture will operate during the day or night. The light will stay on for 5 seconds after all motion is stopped.

□ Set the "On Time" switch to the "Test" position.

□ Set the "Brightness" switch to the "Hi" position.

□ Set the "DualBright" switch to the "Off" position.

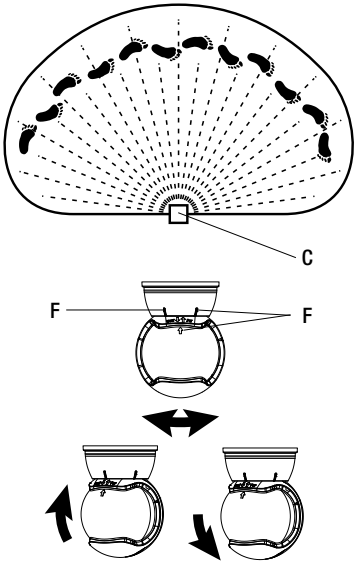


Operation (continued)

3 Adjusting the motion sensor detection zone

- □ Perform a “walk test”: walk in an arc across the front of the motion sensor (C).
- □ Watch the light. The light will come on indicating motion has been detected.
- □ Stop, wait for the light to turn off, and then begin walking again.
- □ Continue this process until the detection zone has been established.
- □ If needed, gently grasp the motion sensor (C) and move it from side to side or up and down to adjust the detection zone.
  - □ Note: Moving the motion sensor (C) “UP” increases the distance of the detection zone. Moving the motion sensor (C) “DOWN” decreases the distance of the detection zone.

There are built-in stops in the motion sensor (C) indicated by the two tick marks and arrow on the sensor (F). Do not rotate the motion sensor (C) past these stops, the arrow pointing upwards should not rotate past the tick marks (F).



4 Adjusting the On time and Brightness controls

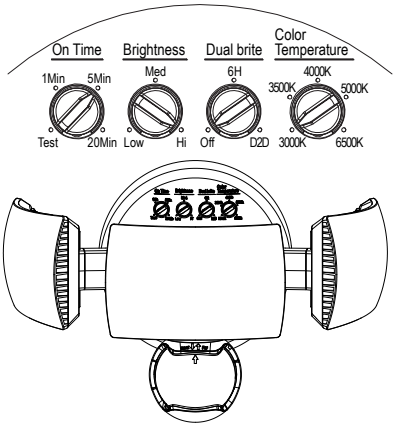
NOTE: The “On Time” control determines the amount of time the light will stay on full bright after all motion has stopped.

- □ To increase the time on after motion stops, turn the “On Time” control clockwise “1 Min - 5 Min - 20 Min”.
- □ To decrease the time on after motion stops, turn the “On Time” control counterclockwise “20 Min - 5 Min - 1 Min”.

DO NOT LEAVE THE ON TIME SWITCH IN THE “TEST” POSITION.

- □ Set the “Brightness” control to the setting that is the desired “light brightness” for the selected area.
- □ The “Hi” setting would be the brightest the light output possible. The “Low” setting being the lowest light output possible.

NOTE: The “Brightness” control determines the illuminating brightness.

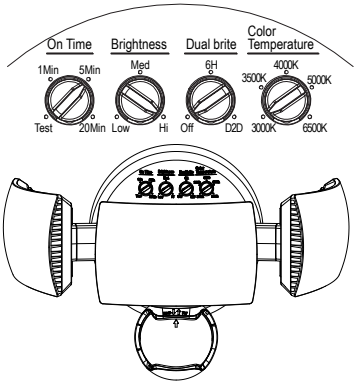


Operation (continued)

5 Adjusting the DualBrite control

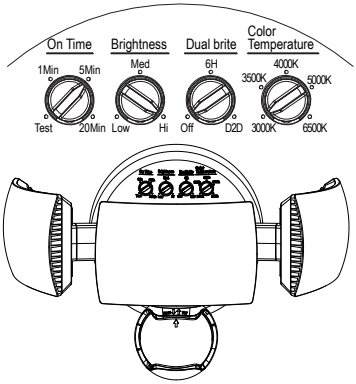
NOTE: The "DualBrite" control allows the light fixture to be dimly lit while no motion is detected. Once motion is detected, the fixture will increase to 100% of the selected brightness level for the desired "On Time" duration.

- ☐ To turn the "DualBrite" setting completely off, set the "DualBrite"dial to the "Off" position.
- ☐ To activate the "DualBrite" setting for a duration of 6 hours after dusk, set the "DualBrite" dial in the "6H" position.
- ☐ To activate the "DualBrite" setting from dusk until dawn, set the "DualBrite" dial in the "D2D" position.



6 Adjusting the Color Temperature control

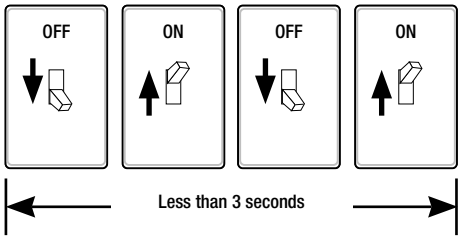
- ☐ To adjust the color temperature (CCT) of the light fixture, turn the "Color Temperature" dial to the desired position.
- ☐ To adjust the color temperature to a warmer white, turn the dial towards the "3000K" position.
- ☐ To adjust the color temperature to a cooler white, turn the dial towards the "6500K" position.



7 Using manual mode

NOTE: Manual mode overrides the motion sensor (C) and "On Time" control so the light will operate full bright. This feature only works at night and only for one night at a time. The motion sensor (C) will reset to Motion activated mode after 6h or sunrise (whichever comes first). Manual mode can be toggled ON and OFF using a wall switch.

- ☐ Ensure the power to the light is ON and the sensor has warmed up (approximately 60 seconds).
- ☐ To turn manual mode on, switch the power OFF–ON–OFF–ON at the wall switch within 3 seconds.
- ☐ To turn manual mode off, switch the power OFF–ON–OFF–ON at the wall switch within 3 seconds.



NOTE: If the power to the light fixture is off for more than 5 seconds, allow the motion sensor to warm up prior to switching to manual mode.

Troubleshooting

Problem	Possible Cause	Solution
The light will not come on.	□ The light switch is turned off.	□ Turn the light switch on.
	□ The fuse is blown or the circuit breaker is turned off.	□ Replace the fuse or turn the circuit breaker on.
	□ Daylight turn-off (photocell) is in effect.	□ Recheck after dark.
	□ The circuit wiring is incorrect, if this is a new installation.	□ Verify the wiring is correct.
	□ The motion sensor is aimed in the wrong direction.	□ Reposition the motion sensor to cover the desired area.
The light comes on during the day.	□ The motion sensor may be installed in a relatively dark location.	□ The light fixture is operating normally under these circumstances.
	□ The “On Time” dial is in the “Test” position.	□ Turn the “On Time” dial to the 1, 5, or 20 minute setting.
The light comes on for no apparent reason.	□ The motion sensor may be sensing small animals or automobile traffic.	□ Reposition the motion sensor.
	□ The light fixture is wired through a dimmer or timer.	□ Do not use a dimmer or timer to control the light fixture. Replace the dimmer or timer with a standard on/off wall switch.
The light stays on continuously.	□ The motion sensor may be picking up a heat source like an air vent, dryer vent, or brightly painted, heat-reflective surface.	□ Decrease the “RANGE” setting or reposition the motion sensor.
	□ The motion sensor is in manual mode.	□ Switch the motion sensor to auto. See *Using manual mode* on page 10.
	□ The light fixture is wired through a dimmer or timer.	□ Do not use a dimmer or timer to control the light fixture. Replace the dimmer or timer with a standard on/off wall switch.
	□ The light fixture is on the same circuit as a motor, transformer, or fluorescent bulb.	□ Install the light fixture on a circuit without motors, transformers, or fluorescent bulbs.
	□ The “DualBrite” setting on the light fixture is in the “6H” or “D2D” position.	□ If the “DualBrite” function is not desired, turn the dial to the “Off” position (see page 9 for more details).
The light flashes on and off.	□ The motion sensor is in “Test” mode and warming up.	□ Flashing is normal under these conditions.
	□ Light may be reflecting into the sensor photocell.	□ Position the lamp head away from the sensor slightly.

PLEASE REFER TO FULL INSTRUCTION MANUAL FOR INSTALLATION, SAFETY, AND ADDITIONAL INFORMATION.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Retain this manual for future use.