

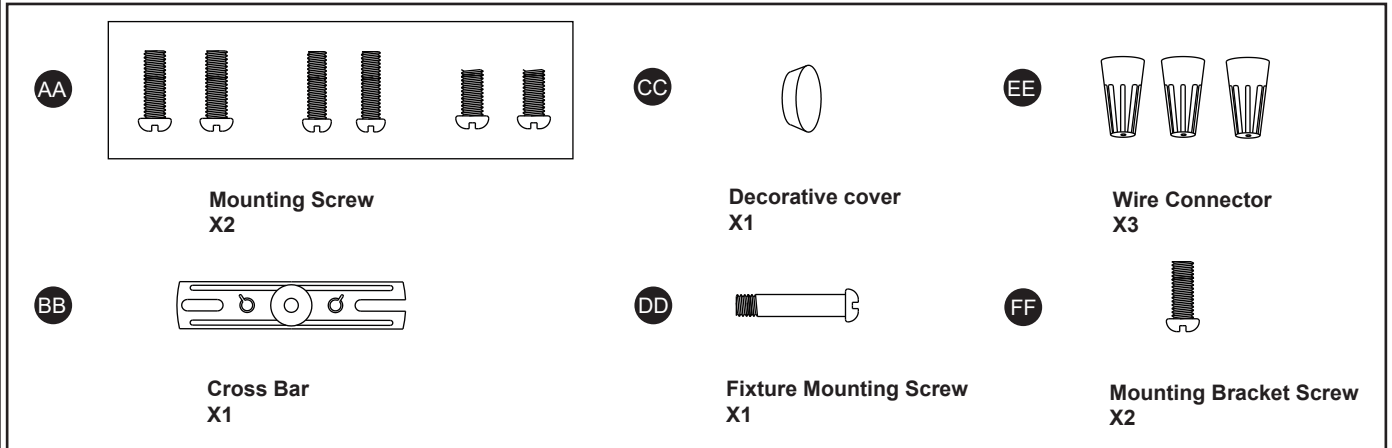
ASSEMBLY AND INSTALLATION INSTRUCTIONS

T0460

WARNING: TO AVOID RISK OF ELECTRICAL SHOCK, BE SURE TO SHUT OFF POWER WHILE INSTALLING OR SERVICING THIS FIXTURE.

NOTES: 1. Before installing, consult local electrical codes for wiring and grounding requirements.
2. READ AND SAVE THESE INSTRUCTIONS.

Hardware Package (included):



Important to Know:

1. If you are not familiar with state and local electrical codes, it is recommended that you consult with a qualified electrician.
2. This fixture requires a 110~120 VAC, 60 Hz power source.
3. For general safety and to avoid any possible damage to the sensor, be sure the power is switched "off" before adjustment.

Maximum Wattage: 33 W

Working Temperature Range: - 4°F~113°F

Features:

1. Energy saving LED fixture.
2. Motion sensor: turns light ON automatically when motion is detected and turns light OFF automatically when motion stops.
3. Photocell keeps the light OFF during daylight hours.
4. When in manual override mode, use wall switch to keep the light ON during the night.

Important to know

1. For general safety and to avoid any possible damage to the sensor, be sure the power is switched "off" before adjustment.
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Note: Fixture can be wall mounted or eave mounted.



Light fixture and sensor should be mounted as shown above when installed (depending upon type of installation).

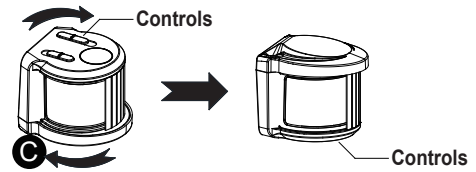
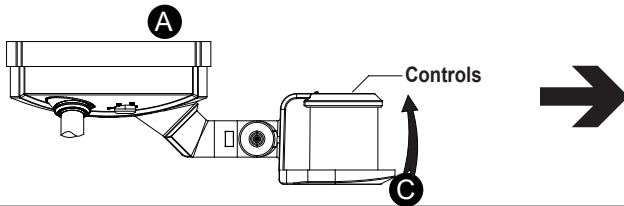
ASSEMBLY INSTRUCTIONS (continued)

Before installing the light fixture under an eave, the sensor head must be rotated as shown in the next two steps for proper operation and to avoid the risk of electrical shock.

For eave mounted only:

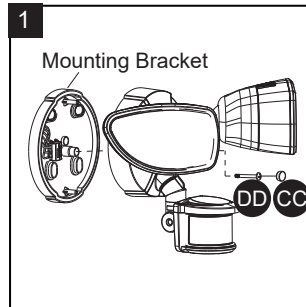
- Swing the sensor head towards the mounting bracket (A).

- Rotate the sensor head (C) clockwise 180° so the controls face down.

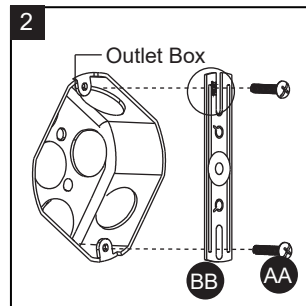


Installation Steps

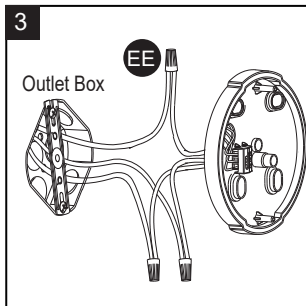
1. The fixture mounting bracket is pre-assembled on the light fixture. Unscrew both the decorative cover (CC) and the fixture mounting screw (DD) in order to remove the mounting bracket.



2. Install the mounting strap (BB) to the outlet box with the stamped word "FRONT" facing away from the outlet box, using two mounting screws (AA) that best fit the outlet box. Back plate should sit flush against wall surface when secured. (Choose one matching pair of suitable mounting screws (AA) from the 3 pairs provided)



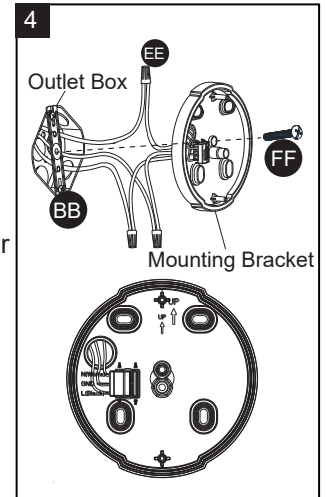
3. Pull out the source wires from the outlet box. Make wire connections using wire connectors (EE) as follows:
 - Connect the black wire from the fixture to the "hot" wire from the power source. (usually black)
 - Connect the white wire from the fixture to the neutral wire from the power source. (usually white)
 - Connect the grounding wire from the fixture to the grounding wire from the power source. (usually green / yellow insulation)



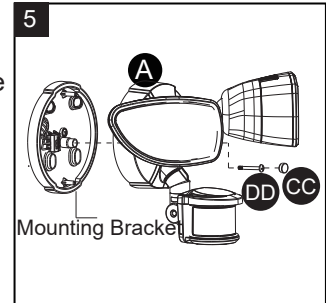
Carefully tuck the wires back into the outlet box.

4. Place mounting bracket against the outlet box, insert the mounting bracket screw (FF) through the mounting bracket hole, thread mounting bracket screw (FF) into the center hole of the mounting strap (BB). Tighten the mounting bracket screw (FF) securely.

- ▲ When mounting to a wall, the "UP" arrow must point upward.
- ▲ When mounting to an eave, the "UP" arrow must point toward the building.



5. Attach the back plate (A) of the light fixture to the mounting bracket, secure it with the fixture mounting screw (DD). Push the decorative cover (CC) firmly into the fixture mounting screw hole on the light fixture.



With silicone caulking compound, caulk completely around where the mounting bracket meets the wall surface.

CAUTION: Be sure to caulk completely where the mounting bracket meets the wall surface to prevent water from seeping into the outlet box.

ASSEMBLY INSTRUCTIONS (continued)

Adjusting the Sensor Head (C)

1. Aim sensor head toward desired detection area, maintaining a 5° - 40° downward angle to allow moisture to drain.
Note: Make sure sensor head is positioned with control knob facing towards the ground.
2. You can rotate the sensor head (C) up and down to change the coverage area. (See Fig. 1) Walk through the detection zone at the farthest distance you wish to detect motion.
Note: Range set too high may increase false triggering. (See Fig. 2,3)

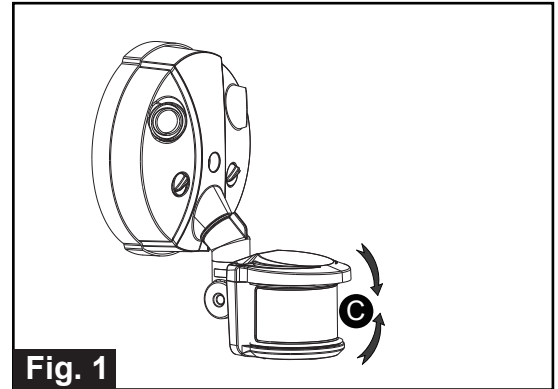


Fig. 1

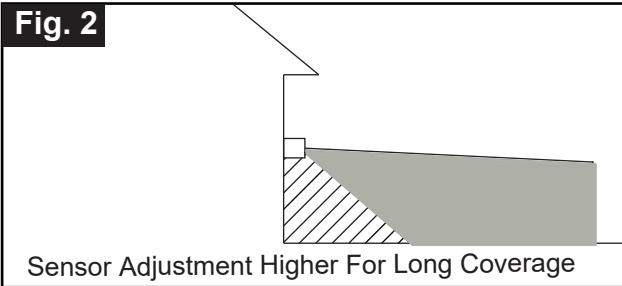


Fig. 2

Sensor Adjustment Higher For Long Coverage

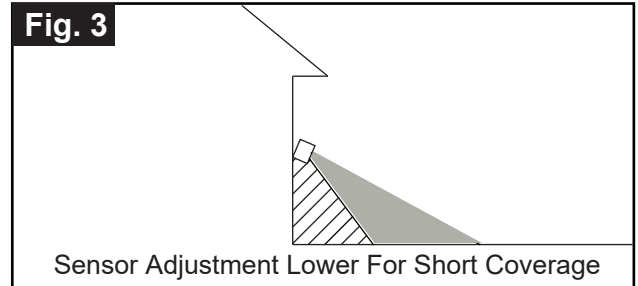


Fig. 3

Sensor Adjustment Lower For Short Coverage

Sensitivity of Motion Sensor

- You can adjust the sensitivity of the motion sensor by using the "SENSITIVITY" selector located on the right side of the bottom surface of the sensor. (See Fig. 5)
- Adjust motion sensor sensitivity to HIGH (H), MEDIUM (M), or LOW (L) to achieve desired performance.
- Approximate range for each setting: 20 ft. (L), 45 ft. (M), 70 ft. (H).

Adjusting the Light Head (B)

1. Gently grasp the light heads (B) and tilt them up or down, left or right to adjust the light coverage area. Keep the light heads (B) at least 1" (25mm) away from the sensor. (See Fig. 4)
2. Keep the light heads (B) 30° below horizontal to avoid water damage and electrical shock.

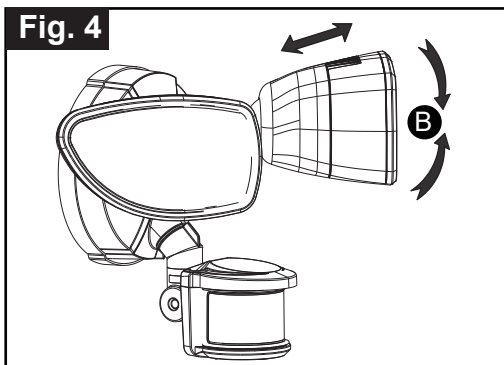


Fig. 4

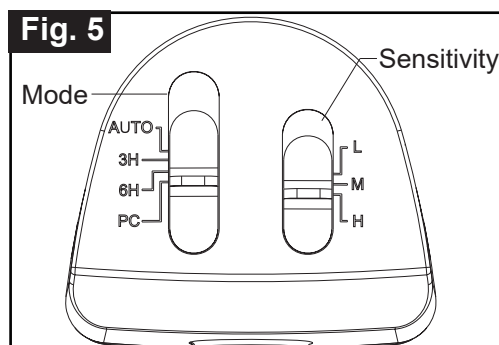


Fig. 5

FUNCTION AND OPERATION (continued)

Note: When power is first applied, the light will turn on to 100% brightness. The sensor will take 30 seconds to warm up.

1. AUTO MODE (nighttime operation only)
 - After expiration of the warm-up period, the light will enter a 5-minute TEST mode (day and night operation) and be on at low-level brightness (0-50%). The light will turn to high-level brightness (100%) when motion is detected. It will then revert to low-level brightness about 5 seconds after motion is no longer detected.

FUNCTION AND OPERATION (continued)

- After expiration of the TEST mode, the light will automatically enter AUTO mode and be on at low-level brightness (0-50%). The light will turn to high-level brightness (100%) when motion is detected. When the motion stops, the light will then revert to low-level brightness after the shut-off delay time you set (5 ~ 180 seconds).
- The light will turn off automatically at dawn.

Note: You can adjust the low level brightness (0~50%) by using the low level brightness knob. (See Fig. 6)

2. 3 HOURS (3H) MODE (nighttime operation only)

- The light will turn to high-level brightness (100%) at dusk, and will stay "ON" for 3 hours. The light will then turn to low-level brightness. The light will turn to high-level brightness (100%) when motion is detected, and will stay on as long as motion continues. When motion is no longer detected, the lights will remain on for the predetermined shut-off delay time you set (5~180 seconds), and then turn to the predetermined low-level brightness automatically.
- The light will turn off automatically at dawn.

Note: You can adjust the low level brightness (0~50%) by using the low level brightness knob. (See Fig. 6)

3. 6 HOURS (6H) MODE (nighttime operation only)

- The light will turn to high-level brightness (100%) at dusk, and will stay "ON" for 6 hours. The light will then turn to low-level brightness. The light will turn to high-level brightness (100%) when motion is detected, and will stay on as long as motion continues. When motion is no longer detected, the lights will remain on for the predetermined shut-off delay time you set (5~180 seconds), and then turn to the predetermined low-level brightness automatically.
- The light will turn off automatically at dawn.

Note: You can adjust the low level brightness (0~50%) by using the low level brightness knob. (See Fig. 6)

4. PHOTOCELL (PC) MODE (nighttime operation only)

- The light will brighten at dusk. It will turn off at dawn.

5. Manual Override (nighttime operation only) (See Fig.7)

- To shift to the manual override mode, set the mode selector to "AUTO", "3H" or "6H" mode. Turn the wall switch "OFF", and turn it "ON" twice within 3 seconds. The light will remain on all night long. To shift back to "AUTO", "3H" or "6H" mode, turn the wall switch "OFF", and turn it "ON" twice within 3 seconds again.
- The light will turn off automatically at dawn.

Note: To make sure the above functions operate properly, always keep the wall switch in the "ON" position (including the daytime).

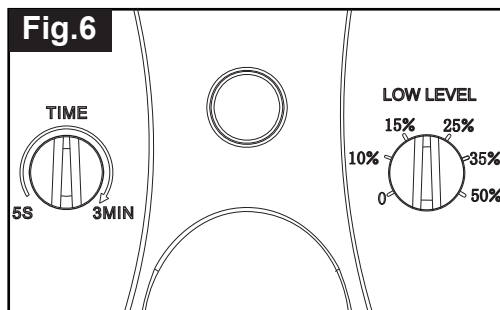
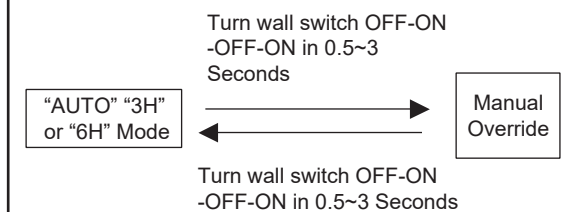


Fig. 7

Manual Override Operation Diagram



Customization Options

Shut-off Delay

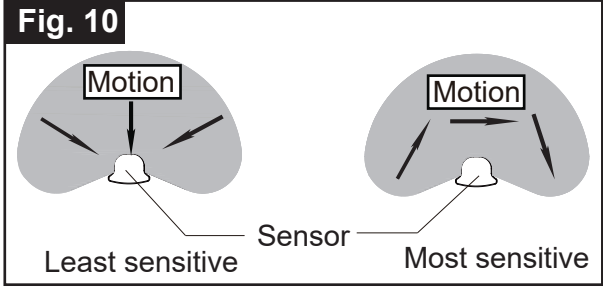
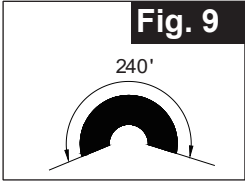
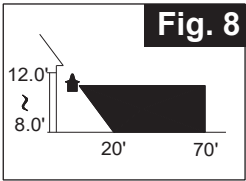
- The shut-off delay is the length of time the light will stay at brightness after motion has ceased to be detected.
- You can set the shut-off delay by rotating the delay time knob arrow so it points to the desired time setting within "TIME" range. To increase the shut-off delay, turn the knob clockwise. To decrease the shut-off delay, turn the knob counterclockwise.

Notes:

1. The sensitivity of the motion sensor will increase as the environmental temperature gets cooler. You may wish to make adjustments when the season changes. For best performance, gently clean the lens with a soft cloth every 1 or 2 months to assure maximum sensitivity.
2. For best performance, install fixture at least 8 feet above the ground. At such a height, the fixture will provide a detection distance of up to 70 feet at 77 degrees Fahrenheit. (See Fig.8)
3. The sensor detects movement across a detection range of 240 degrees. (See Fig.9)
4. The sensor will be more sensitive to motion across its detection path than motion directly towards it. (See Fig.10)
5. To reduce possible nuisances, do not mount the fixture near a heat source like an air conditioner, vent or furnace exhaust, or in a direction facing any reflecting object or other light source.

FUNCTION AND OPERATION (continued)

Where you install your fixture is important: Be sure the light is mounted straight on the wall or eave; otherwise, the detection distance may be limited.



The following parts are available for re-order if damaged or missing.

Spare Parts List:

AA		CC		EE	
	Mounting Screw X2		Decorative cover X1		Wire Connector X3
BB		DD		FF	
	Cross Bar X1		Fixture Mounting Screw X1		Mounting Bracket Screw X1

↑ Assembly Kit
5076MM (1 SET)

CARE AND MAINTENANCE

Clean the glass and coated metal surfaces with a non-abrasive cleaner. Do not use any cleaners with chemicals, solvents or harsh abrasives. The motion detecting lens is coated with a specially painted finish and requires special care when cleaning. Use only a soft dry cloth to dust or wipe the lens area.

TROUBLESHOOTING

---In TEST mode, the light stays on over 5 seconds after motion is no longer detected:

1. Cover the sensor with a dark color cloth to verify that motion is not detected.
2. The TEST mode may have expired. If you want to reactivate the TEST mode, reboot the power

---In AUTO Mode, the light stays on during the day:

1. The light may be in TEST mode. Stay out of the detection range for 5 minutes, which will allow conversion to AUTO mode.

---In 3H or 6H Mode, the light is still on full brightness, even though it has been 3 hours or 6 hours after dusk:

1. Make sure there has not been an interruption in the electrical power, i.e. the wall switch has not been switched off and turned back on at some point or the circuit breaker had not shut down.

---After performing 3H or 6H Mode, the light stays on full brightness after 3 minutes:

1. Make sure there is no movement that could be picked up by the sensor.
2. Adjust the delay time knob counterclockwise to reduce the delay shut-off time.

---In Manual override, the light stays on after dawn:

1. The ambient light level may be too low due to overcast skies.

5-YEAR LIMITED WARRANTY:

All products are warranted to be free of defects in material and workmanship for five (5) years from date of purchase. This warranty is limited to the correction of any such defect, or the replacement of any such defective item(s), provided that: (a) we are properly notified and consent to return of the item(s) in question; (b) the item (s) is / are returned with proof of purchase date; and (c) it is found upon inspection by us that the item (s) is / are defective as noted above. This warranty does not cover labor costs, consequential damages, nor does it apply to any item(s) that have been improperly installed, overloaded, altered, or otherwise abused by the customer, its agent(s) or employee(s). Finishes are specially excluded from the terms of this warranty since they are subject to environmental maintenance deemed beyond our control. Other than the described obligation, we assume no further liability with respect to the sale or use of our products. We make no warranty, express or implied, and disclaim any warranty of merchantability or fitness for a particular purpose.