

Heath®/Zenith

Motion Sensor Light Control



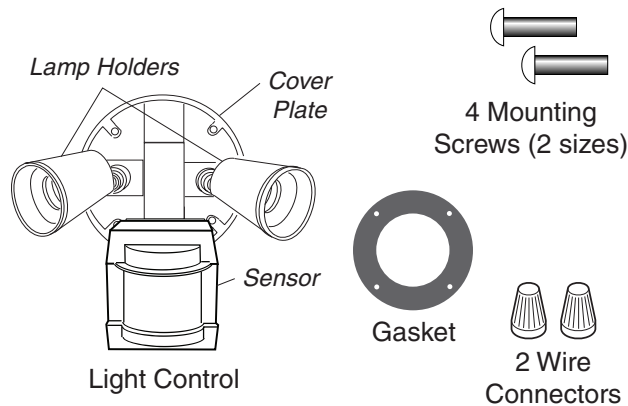
As an ENERGY STAR® Partner, Heath®/Zenith has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. This product is ENERGY STAR® compliant when used with 120 Watt bulbs.

Model SL-5408

Features

- Turns on lighting when motion is detected.
- Automatically turns lighting off.
- Photocell keeps the lighting off during daylight hours.

This package includes:



Requirements

- The light control requires 120-volts AC.
- If you want to use Manual Mode, the control must be wired through a switch.
- **Some codes require installation by a qualified electrician.**
- This product is intended for use with a junction box marked for use in wet locations.
- The backplate has knockouts so the sensor can be mounted on most junction boxes.
- In some applications a universal adaptor plate may be needed. Adaptors are available at home centers and electrical supply stores.

OPERATION

Mode:	On-Time	Works:	Day	Night
Test	5 Seconds		x	x
Auto	1, 5, or 10 Min			x
Manual	Until Dawn*			x

* resets to Auto Mode at dawn.

Note: When first turned on wait about 1 1/2 minutes for the circuitry to calibrate.

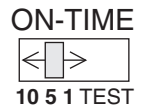
TEST

Put the ON-TIME switch on the bottom of the sensor in the TEST position.



AUTO

Put the ON-TIME switch in the 1, 5, or 10 minute position.

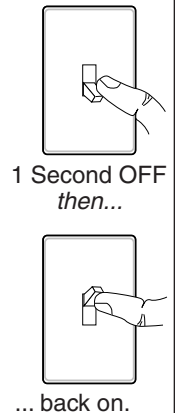


MANUAL MODE

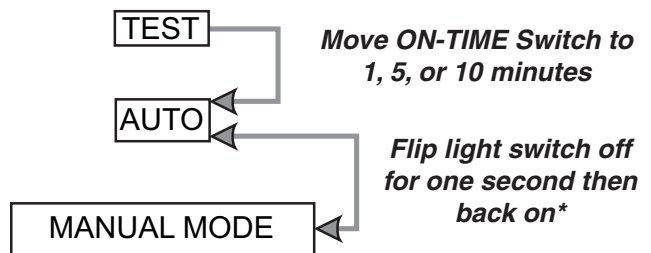
Manual mode only works at night because daylight returns the sensor to AUTO.

Flip the light switch off for one second then back on to toggle between AUTO and MANUAL MODE.

Manual mode works only with the ON-TIME switch in the 1, 5, or 10 position.



Mode Switching Summary



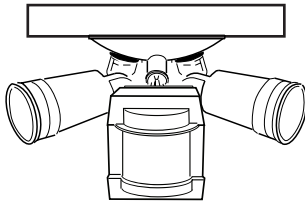
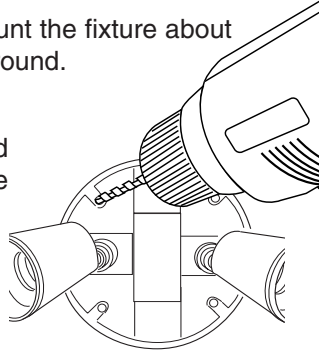
* If you get confused while switching modes, turn the power off for one minute, then back on. After the calibration time the control will be in the AUTO mode.

INSTALLATION

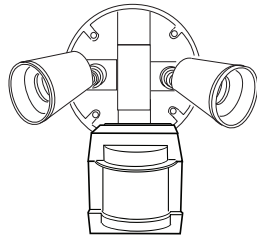
For easy installation, select an existing light operated by a wall switch for replacement.

For best performance, mount the fixture about 8 feet (2.4 m) above the ground.

- ❑ Drill the holes needed to mount the backplate to the junction box.



Eave Mount

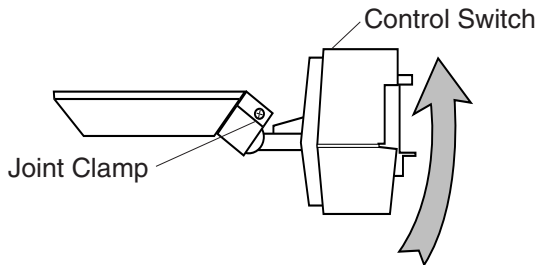


Wall Mount

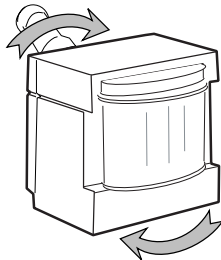
For under eave installation, the sensor head must be rotated as shown in the next two steps for proper operation and to avoid the risk of electrical shock.

For eave mount only:

- ❑ Rotate the sensor head towards the clamp screw joint.

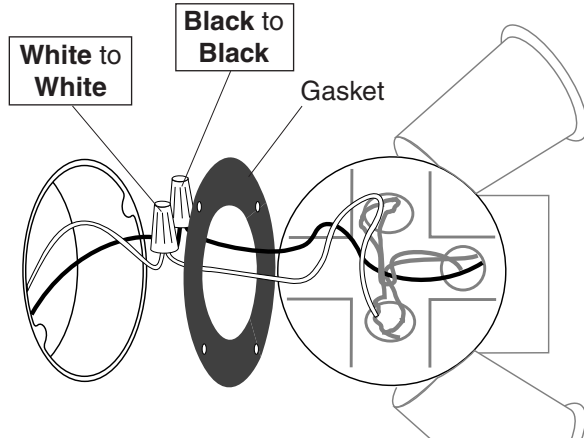


- ❑ Then rotate the sensor head clockwise 180° so the controls face down.



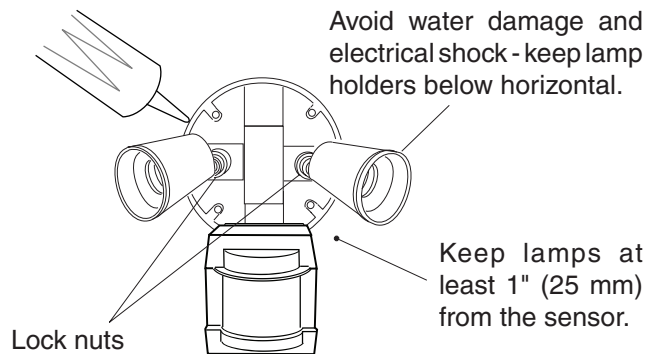
WIRE THE LIGHT CONTROL

- ❑ Turn power off at the fuse or circuit breaker.
- ❑ Remove the existing light fixture.
- ❑ Route the light control's wires through the large gasket hole.
- ❑ Connect the junction box wires to the light control wires. Twist together and secure with a wire connector.



MOUNT THE LIGHT CONTROL

- ❑ Align the light control cover plate and the junction box holes. Secure with the mounting screws.
- ❑ If not installed on a weatherproof box or if an adaptor plate (not included) was used, **caulk the wall plate and mounting surface** with silicone.

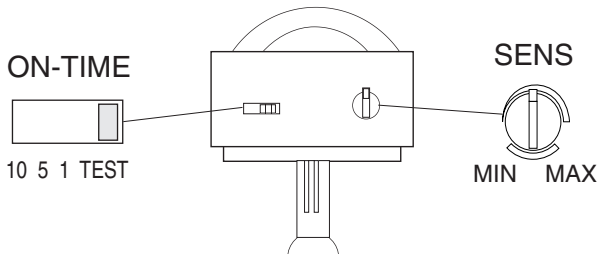


- ❑ Adjust the lamp holders by loosening the lock nuts but do not rotate the lamp holders more than 180° from the factory setting. When screwing in the flood-lamps, do not overtighten.

TEST AND ADJUSTMENT

- ❑ Turn on the circuit breaker and light switch.
- ❑ Turn the SENSITIVITY (SENS) control to the mid position and the ON-TIME control to the TEST position.

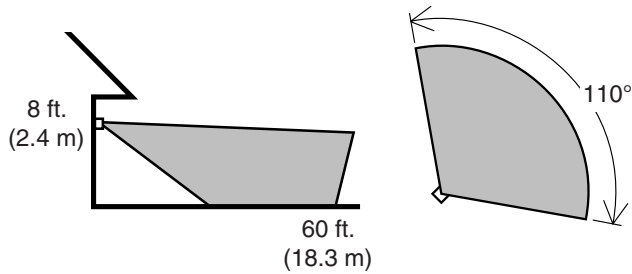
NOTE: Sensor has a 1 1/2 minute warm up period before it will detect motion. When first turned on, wait 1 1/2 minutes.



Bottom of Sensor

Avoid aiming the control at:

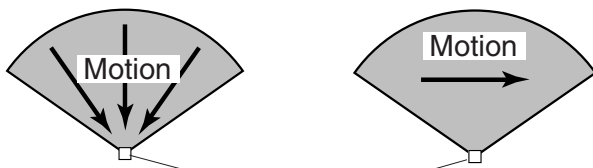
- Objects that change temperature rapidly, such as **heating vents and air conditioners**. These heat sources could cause false triggering.
- Areas where **pets or traffic** may trigger the control.
- **Nearby large, light-colored objects** reflecting light may trigger the shut-off feature. Do not point other lights at the sensor.



Maximum Range

Maximum Coverage Angle

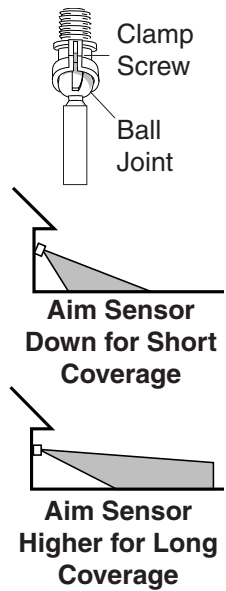
The detector is most sensitive to motion across its field of view.



Least Sensitive

Most Sensitive

- ❑ Loosen the clamp screw in the sensor ball joint and gently rotate the sensor.
- ❑ Walk through the coverage area noting where you are when the lights turn on. Move the sensor head up, down, or sideways to change the coverage area. **Keep the sensor at least 1" (2.5 cm) away from the lamps.**
- ❑ Adjust the SENSITIVITY as needed. Too much sensitivity may increase false triggering.
- ❑ **Secure the sensor head by tightening the clamp screw.** Do not overtighten the screw.
- ❑ Set the amount of TIME you want the lights to stay on after motion is detected (1, 5, or 10 minutes).



Warning - Risk of fire. Do not aim the lamps at a combustible surface within 3 ft. (1 m).

SPECIFICATIONS

- Range Up to 60 ft. (18.3 m) [varies with surrounding temperature].
- Sensing Angle Up to 110°
- Electrical Load Up to 300 Watt Maximum Incandescent [Up to 150 Watt maximum each lamp holder.]
- Power Requirements . 120 VAC, 60 Hz
- Operating Modes TEST, AUTO and MANUAL MODE
- Time Delay 1, 5, 10 minutes
- Range Adjustable

HeathCo LLC reserves the right to discontinue products and to change specifications at any time without incurring any obligation to incorporate new features in products previously sold.