

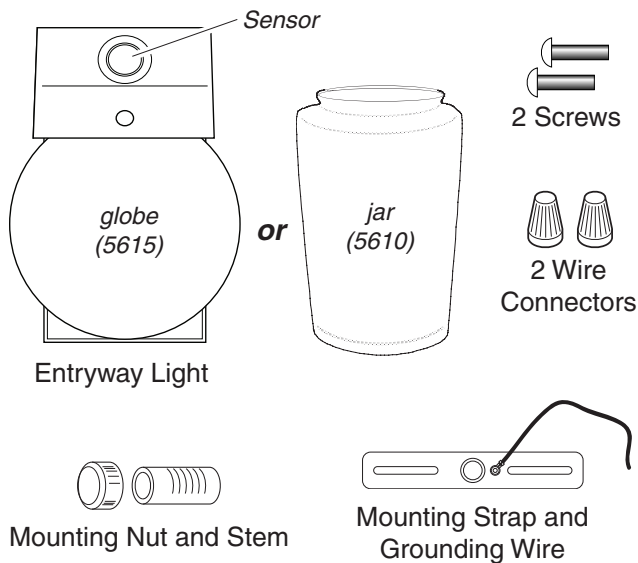
# Heath® Zenith

## Motion Sensor Entryway Light

Models 5610/15

The Heath®/Zenith Motion Sensor Entryway Light turns on up to 60 watts of incandescent light when motion is detected and then, after a selectable time period, automatically turns the light off. The built-in photocell keeps the light off during daylight hours.

This package includes:



### Requirements

- The Entryway Light requires 120-volts AC.
- If you want to use Manual Override, the light must be wired through a switch.
- **Some codes require installation by a qualified electrician.**

## OPERATION

Mode:	On-Time	Works:	Day	Night
<b>Test</b>	5 Seconds		x	x
<b>Auto</b>	1, 5, or 10 Minutes			x
<b>Manual</b>	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.

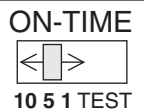
### TEST

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.

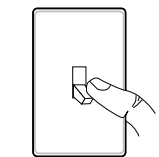


### MANUAL MODE

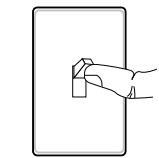
Manual mode only works at night because daylight returns the sensor to AUTO.

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.

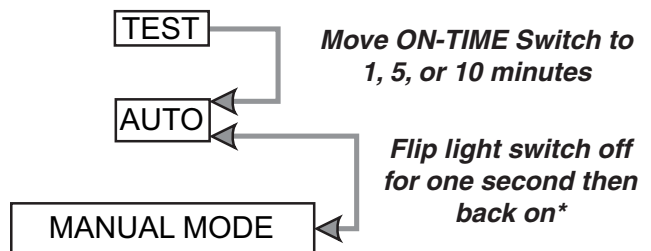


1 Second OFF then...



... back on.

### Mode Switching Summary

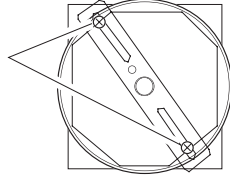


\* If you get confused while switching modes, turn the power off for one minute, then back on. After the calibration time the control will be in the AUTO mode.

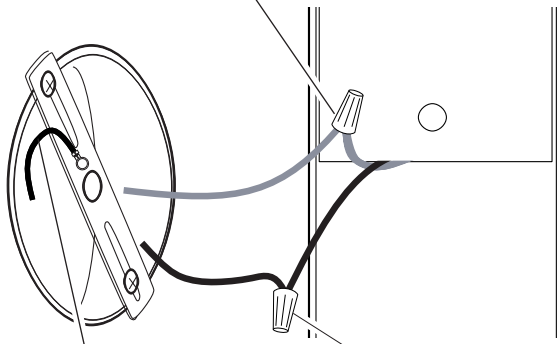
# INSTALLATION

For best performance, mount the fixture about 7 feet (2.1 m) above the ground.

1. Turn the power to the lighting circuit off at the fuse or circuit breaker box.
2. Remove the existing light fixture.
3. Install the mounting strap into the junction box. Orientation of the strap may be different.
4. Strip about 5/8 in. (15 mm) insulation off of the existing junction box wiring.

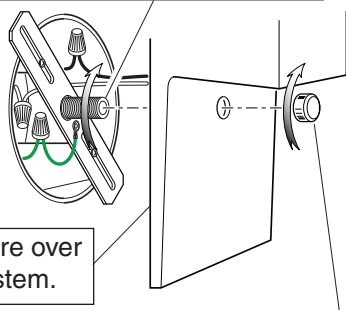


5. Connect the **white** (neutral) junction box wire to the **white** Entryway Light wire. Twist the wires together and secure with a wire connector.



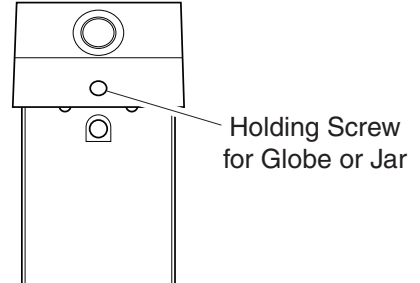
6. Connect the **green** or bare (ground) mounting strap wire to a grounded wire or to a grounded metal box.
7. Connect the **black** (hot) junction box wire to the **black** Entryway Light wire.

8. Install the mounting stem into the strap so that it extends out about 3/4 in. (19 mm).



9. Install the fixture over the mounting stem.
10. Install and tighten the mounting stem nut.

11. Caulk the back edge of the light and mounting surface with silicone weather sealant.
12. Install a 60 Watt maximum light bulb into the lamp holder. Do not overtighten. **Higher wattages will void warranty.**



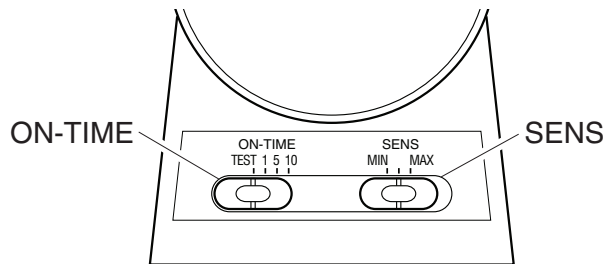
13. Loosen the front holding screw so the globe or jar cover can be installed. Secure by tightening the screw. **Do not overtighten.**

## TEST AND ADJUSTMENT

1. Turn on the circuit breaker and light switch.

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

2. For aiming, turn the SENSITIVITY (SENS) control to the mid position and the ON-TIME control to the TEST position.

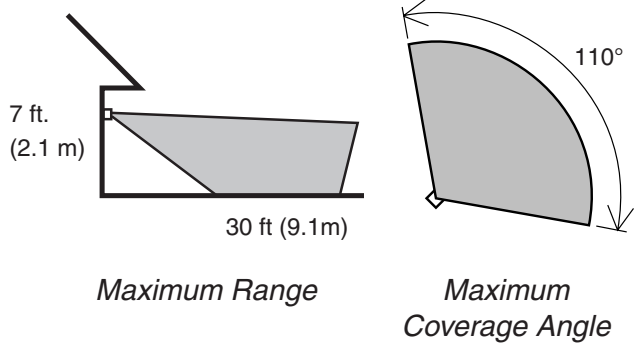


Bottom of Sensor

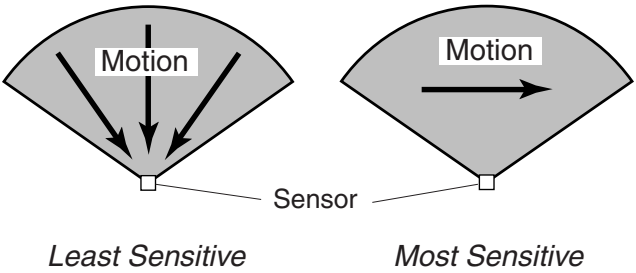
In the test position shown above, the light will turn on for 5 seconds each time motion is detected during both daylight and darkness.

**Avoid aiming the control at:**

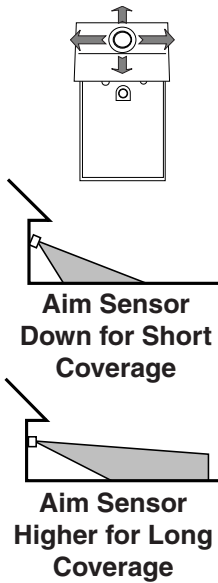
- Objects that change temperature rapidly, such as **heating vents or air conditioners**. These heat sources could cause false triggering.
- Areas where **pets or traffic** may trigger the control.
- **Nearby large, light-colored objects** reflecting light may trigger the shut-off feature. Do not point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



The detector is less sensitive to motion directly towards it and more sensitive to across motion.



3. Rotate the sensor base left and right to aim the sensor. Adjust the sensor eye up and down to obtain desired coverage range.
4. 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.
5. Set SENSITIVITY as needed. Too much sensitivity may increase false triggering.
6. Set the amount of TIME the lights stay on after motion is detected (1, 5, or 10 minutes).



**IMPORTANT:** When using a CFL bulb, it is recommended to use the maximum ON-TIME setting. Frequent ON/OFF cycling of the bulb will reduce its life.

**WARNING:** Do not use SBCFL bulb marked "Not for use in totally enclosed fixtures".

**SPECIFICATIONS**

- Range . . . . . Up to 30 ft (9.1 m) [varies with surrounding temperature].
- Sensing Angle . . . . . Up to 110°
- Electrical Load . . . . . Up to 60 Watt Maximum Incandescent  
Up to 15 Watt Maximum CFL
- Power Requirements . . . 120 VAC, 60 Hz
- Operating Modes . . . . . TEST, AUTO and MANUAL OVERRIDE
- Time Delay . . . . . 1, 5, 10 minutes
- Sensitivity . . . . . Adjustable

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. CAN ICES-3 (B)/NMB-3(B)

# TROUBLESHOOTING GUIDE

SYMPTOM	POSSIBLE CAUSE
<b>Light will not come on.</b>	<ol style="list-style-type: none"> <li>1. Light switch is turned off.</li> <li>2. Light bulb is loose or burned out.</li> <li>3. Fuse is blown or circuit breaker is turned off.</li> <li>4. Daylight turnoff is in effect (<i>re-check after dark</i>).</li> <li>5. Incorrect circuit wiring, if this is a new installation.</li> <li>6. Re-aim the sensor to cover desired area.</li> </ol>
<b>Light comes on in daylight.</b>	<ol style="list-style-type: none"> <li>1. Entryway Light may be installed in a relatively dark location.</li> <li>2. Entryway Light is in Test. (<i>Set control switch to an ON-TIME position</i>).</li> </ol>

SYMPTOM	POSSIBLE CAUSE
<b>Light comes on for no apparent reason.</b>	<ol style="list-style-type: none"> <li>1. Entryway Light may be sensing small animals or automobile traffic (<i>re-aim sensor</i>).</li> <li>2. Sensitivity is set too high. (<i>Reduce sensitivity</i>).</li> </ol>
<b>Light stays on continuously.</b>	<ol style="list-style-type: none"> <li>1. Entryway Light is pointed toward a heat source like an air vent, dryer vent, or brightly-painted heat-reflective surface. (<i>Reposition sensor</i>).</li> <li>2. Light control is in Manual Mode. (<i>Switch to Auto.</i>)</li> </ol>
<b>Light flashes on and off.</b>	<ol style="list-style-type: none"> <li>1. Heat being reflected from other objects may be affecting the sensor. (<i>Reposition sensor</i>).</li> <li>2. Entryway Light is in the Test mode and warming up. (<i>Flashing is normal under these conditions</i>).</li> </ol>

## TECHNICAL SERVICE

**Please call 1-800-858-8501 (English speaking only) for assistance before returning product to store.**

If you experience a problem, follow this guide. You may also want to visit our Web site at: [www.hzsupport.com](http://www.hzsupport.com). If the problem persists, call\* for assistance at **1-800-858-8501** (English speaking only), 8:00 AM to 5:00 PM CST (M-F). You may also write\* to:

HeathCo LLC  
P.O. Box 90045, Bowling Green, KY 42102-9045  
ATTN: Technical Service

\* If contacting Technical Service, please have the following information available: Model Number, Date of Purchase, and Place of Purchase.

### No Service Parts Available for this Product

**Please keep your dated sales receipt, it is required for all warranty requests.**

#### TWO YEAR LIMITED WARRANTY

This is a "Limited Warranty" which gives you specific legal rights. You may also have other rights which vary from state to state or province to province.

For a period of two years from the date of purchase, any malfunction caused by factory defective parts or workmanship will be corrected at no charge to you.

**Not Covered** - Repair service, adjustment and calibration due to misuse, abuse or negligence, light bulbs, batteries, and other expendable items are not covered by this warranty. Unauthorized service or modification of the product or of any furnished component will void this warranty in its entirety. This warranty does not include reimbursement for inconvenience, installation, setup time, loss of use, unauthorized service, or return shipping charges.

This warranty covers only HeathCo LLC assembled products and is not extended to other equipment and components that a customer uses in conjunction with our products.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY, REPRESENTATION OR CONDITION OF MERCHANT ABILITY OR THAT THE PRODUCTS ARE FIT FOR ANY PARTICULAR PURPOSE OR USE, AND SPECIFICALLY IN LIEU OF ALL SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.

REPAIR OR REPLACEMENT SHALL BE THE SOLE REMEDY OF THE CUSTOMER AND THERE SHALL BE NO LIABILITY ON THE PART OF HEATHCO LLC FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO ANY LOSS OF BUSINESS OR PROFITS, WHETHER OR NOT FORESEEABLE. Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. **Please keep your dated sales receipt, it is required for all warranty requests.**

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.