

**WARNING**

**READ PRIOR TO INSTALLATION. INSTALLATION SHOULD BE CARRIED OUT BY A CERTIFIED ELECTRICIAN.**

Please read all instructions carefully before installing or servicing this fixture. Failure to follow instructions may result in death or serious injury. This product must be installed in accordance with applicable state and local codes by a qualified electrician familiar with the construction and operation of the product and the hazards involved. Luminaire must be connected to a wiring system with an equipment-grounding conductor.

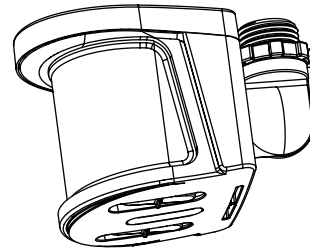
\*NOT FOR USE WITH CMS SECURITY LIGHTS\*

**FEATURES**

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

**REQUIREMENTS**

- Not for use with fluorescent lights
- The light control requires 120-volts AC.
- If you want to use manual mode, the control must be wired through a switch.
- Install sensor in accordance with local codes.



**OPERATION**

MODE	ON TIME	WORKS: DAY	WORK: NIGHT
TEST	7 seconds - 13 seconds	X	X
NORMAL	1, 3, 5 min.		X
MANUAL	Until dawn		X

Note: Manual mode will reset to auto mode at dawn.

**Note:** when first turned on wait about 30 seconds for the circuitry to calibrate.

Test Put Time switch on the sensor bottom to Test.

**Auto:** Put the on time switch in the 1,3 or 5 minute position.

**Manual mode:** Manual mode only works at night because the daylight turns the sensor to Auto

Flip the light switch off /on/off/on within 3seconds. the light will stay on and then turn off automatically at dawn and reset back to sensor mode for next evening.

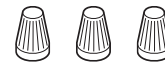
## INSTALLATION

### PARTS LIST

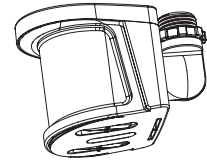
PART	DESCRIPTION	QTY
A	Sensor Head	1
B	Wire Connectors	3

### Tools Required for Installation:

Philips screwdriver level.



3 Wire  
Connectors



1 Sensor Head

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These instruction show the sensor wires to flood lamps, the white sensor wire is neutral. The black sensor wire is hot. The red wire is switched "hot" wire. The light load(600W,5A max. incandescent, 150W,5A max. LED lamp or 40W 5A max. CFL lamp).

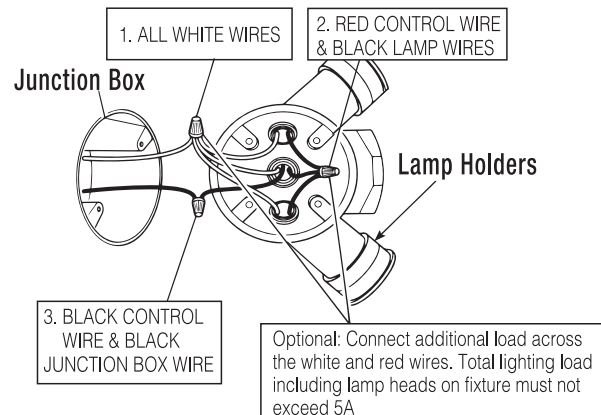
### WIRE THE LIGHT CONTROL

Warning:Turn the power off at circuit breaker or fuse.

1. Remove the existing light fixture,if present.
  2. After screwing the sensor into the wall plate.
- Connect the junction box wires to the light control wires by twisting together and securing with wire connectors.

### MOUNT THE LIGHT

1. Follow the instructions that came with your light fixture for mounting and adjusting the light fixture.
2. Keep the regular par 38 lamps at least 1 "(25mm) from the sensor. Halogen lamps should be kept at least 1 "(51 mm) from the sensor.



### TEST AND ADJUSTMENT

1. Turn on the circuit breaker and light switch.

NOTE: Sensor has 30seconds warm up period before it will detect motion. When first turned on or when switching modes wait 30 seconds.

2. Turn the range control to the M or H position, on time setting to Test position.
3. Loosen the clamp screw in the sensor ball joint and gently rotate the sensor.
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. Keep the sensor at least 1 "(2.5cm) away from the lamps.
5. Adjust the RANGE as needed. Range set too high may increase false triggering.
6. Set the amount of time you want the lights to stay on after motions is detected (1,3,5minutes)

Specifications:

Range: Up to 70ft (21 m) Sensing angle: Up to 180 degree

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Electrical load: Up to 600 Watts Maximum. incandescent

Up to 150Watts, Maximum. LED lamp

Up to 40Watts Maximum. CFL lamp

Power requirements: 120VAC,60Hz

Time delay: 1,3,5 minutes

**TROUBLESHOOTING GUIDE:**

SYMPTOM	POSSIBLE CAUSE
Lights will not come on	<ol style="list-style-type: none"> <li>1. Light switch if turned off</li> <li>2. Light is loose or burned out.</li> <li>3. Fuse is blown or circuit breaker is turned off.</li> <li>4. Daylight turn-off is effect. (Recheck after dark.)</li> <li>5. Incorrect circuit wiring,if this is new installation.</li> <li>6. Re-aim the sensor to cover desired area.</li> </ol>
Lights come on in day light	<ol style="list-style-type: none"> <li>1. Light control may be installed in a relatively dark location.</li> <li>2. Light control is in Test (Set control switch to an TIME position.)</li> </ol>
Lights come on for no apparent reason	<ol style="list-style-type: none"> <li>1. Light control may be sensing small animals or automobile traffic.(Re-aim sensor).</li> </ol>
Lights stay on continuously	<ol style="list-style-type: none"> <li>1. A lamp is positioned too close to the sensor or pointed at nearby objects that cause heat or trigger the sensor.(Reposition the lamp away from the sensor or nearby objects).</li> <li>2. Sensor is pointed toward a heat source lick an air vent. dryer vent ,or brightly-painted heat-reflective surface. (Reposition sensor)</li> <li>3.Light control is in manual mode (Switch to Auto).</li> </ol>
Lights flash on and off	<ol style="list-style-type: none"> <li>1. Heat or light from the lamps may be turning the light control on and off (Reposition the lamps away from the sensor)</li> <li>2. Heat being reflected from other objects may be affecting the sensor (Reposition the sensor).</li> <li>3. Light control is in the Test mode and warming up</li> </ol>
Light flash once, then stay off in Manual Mode	Sensor is detecting its own lights (Reposition lamps to keep area below the sensor relatively dark).

**PRODUCT MAINTENANCE**

To clean the surface of the light, use mild soap and water. Do not use scouring pads, powders, steel wool, or any other abrasive materials. Do not immerse in water.