

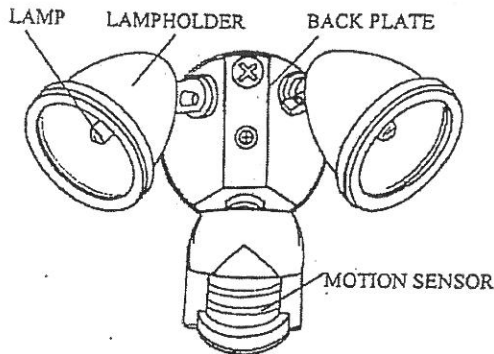
Installation Instructions

R2LHQ / R2LHQW

INFRARED MOTION SENSOR

WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, AND/OR OTHER REPRODUCTIVE HARM. THOROUGHLY WASH HANDS AFTER INSTALLING, HANDLING, CLEANING OR OTHERWISE TOUCHING THIS PRODUCT.

VOLTAGE:	120VAC/60HZ	DETECTION RANGE:	45 ft APPROX	TIME ON:	7 sec to 10 min APPROX
LAMPLOAD:	MAX 300W	MOUNTING HEIGHT:	8 ft, Wall Mount	MANUAL OVERRIDE:	OFF/ON within 3 sec.
DETECTION ANGLE:	130° APPROX	LUX SETTING:	Night time operating only		

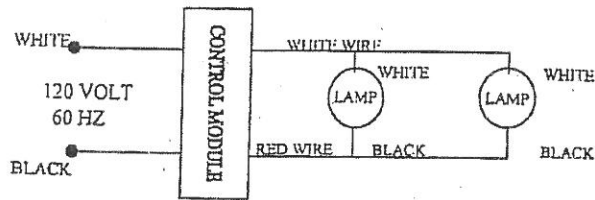


INSTALLATION:

Before attempting to install unit, ensure power to outlet box is off.

1. This fixture comes fully assembled and wired from factory.
2. The fixture is intended to be mounted to a 4" by 4" outdoor outlet box.
3. Refer to the diagram for electrical connections.
Wiring the unit incorrectly may damage the electronic components inside the control module.
4. Mount the assembled unit to the outlet box using two screws. Install the two round gaskets in lamp-holders. Install light bulbs into the lamp-holders. Do not exceed 300 watts total. Flood lights are recommended.
5. Restore electrical power and follow steps for "set up"

ELECTRICAL CONNECTION DIAGRAM:



SET UP

TEST:

For testing or using this motion sensor lighting fixture during daytime, turn the TIME switch to the MIN position, and turn the SENSOR switch to 24HR position.

AUTO OPERATIONS:

Turn the TIME switch to 1-5-10 position, and turn the SENSOR switch to NIGHT position, this fixture will be operated from dusk to dawn, and turned off on daytime automatically, by the internal photocontrol.

SENSITIVITY

Adjust the SENSITIVITY knob to desired sensitivity level, the Maximum detection range is 45 feet approximately.

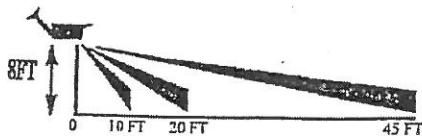
MANUAL MODE

Manual mode only works at night, daylight returns the sensor to AUTO. Turn off the light, then back on within 3 seconds, then the lighting will be on all the night.

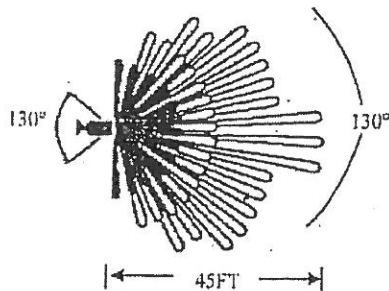
NOTE:

Make sure the fitting is not hot air vents, air conditioners, trees, or where traffic or other large, light-color objects might interfere with its operation.

DETECTION RANGE SIDE VIEW:



DETECTION RANGE TOP VIEW:



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GREENVILLE, SC 29607
PH: 864-678-1000

**R2LHQ/ R2LHQW
INSTALLATION INSTRUCTIONS
SECURITY LIGHT
INFRARED MOTION SENSOR**

CAUTION: TO AVOID ELECTRICAL SHOCK HAZARD

- (1) Before installation or service, turn off electricity by removing fuse or switching off circuit breaker.
- (2) Electrical connections and grounding should comply with national electric code and local electric codes.

TO AVOID FIRE OR BURN HAZARD

- (1) Allow fixture to cool before touching. Bulb operates at high temperature.
 - (2) Use mounting bracket and mount fixture to keep it at least one inch from any combustible material.
 - (3) Use type T4 75W G46.35 bulb, do not exceed 75 watts per lampholder. Suitable for wet location only.
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INSTALLATION INSTRUCTIONS

GENERAL:

- (1) For local operation and maximum coverage of area the unit should be mounted 8.5' above the ground under a house overhang. If mounting the unit at 8.5' is impractical, the unit may be mounted either higher or lower however the effective detection area may vary from the specifications stated in this manual.
- (2) The unit works by sensing a moving heat source contrast. The control module is adjustable and should be pointed slightly downward for best operation. The lampholders should be pointed slightly downward for best operation. NOTE: Be sure the lampholders are not adjusted shining directly on the PIR. Min. 1 inch air space required between motion sensor and lampholder and mount surface.
- (3) Installation should be by a qualified electrician who can insure the installation meets national and local electrical codes.

ASSEMBLY AND MOUNTING

- (1) If you already have light in the location that you intend to mount the new security light you simply disconnect and remove the old fixture. Follow steps for assembly and wiring the unit to the existing electrical outlet box. If you do not have electrical power to the location a new outlet box and wiring must be installed. A qualified electrician should install electrical wiring to the new location.
- (2) **DO NOT ATTEMPT TO DISASSEMBLE THE CONTROL MODULE HEAD.**
THERE ARE NO USER SERVICEABLE PARTS INSIDE.
- (3) After you finish the installation of the fixture, use silicone or equivalent sealant material to threaded plugs, nuts, screws to prevent entry of water. Outdoor fixture must be caulked to the wall with a suitable RTV or silicone compound.

ELECTRICAL CONNECTIONS

- (1) Be sure power is off before beginning any electrical wiring
 - (2) The fixture is intended to be mounted to a 4" x 4" round outlet box.
 - (3) Fixtures are pre-wired for simple installation. Connect white kit lead to common of power supply. Connect black kit lead to 120 volt (hot) of the power supply. Use ground lead from kit to ground to box or power ground lead. Inspect connections after wiring.
 - (4) Spread the splices in the outlet box so the black wires are on one side of the box and the white wires are on the other side of the box
 - (5) Mount the assembled unit to the outlet box using two screws, placing the gasket between cover plate and junction box. Install light bulb into the lampholders. Do not exceed 75 watts per lampholder.
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TROUBLE SHOOTER - CHECK LIST

IF LIGHT DOES NOT WORK: Check Your Power Source.

Check To Insure Proper Seating Of Lamp.

Check Electrical Connections.

Check If Lamp Filament Burned Out.



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