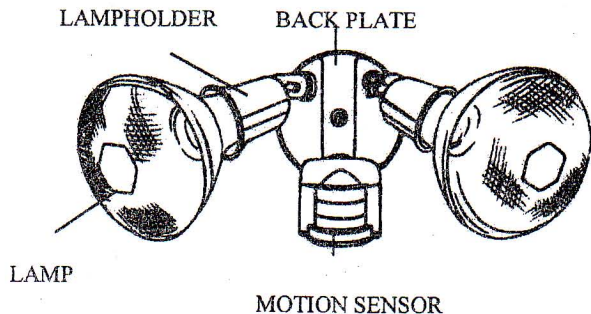


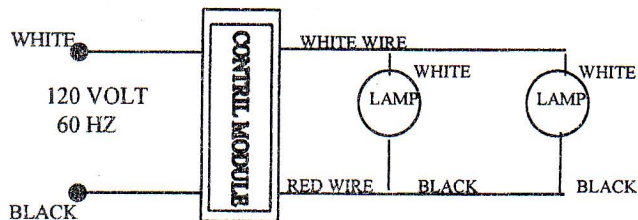
Installation Instructions

"M" Series Infrared Motion Sensors 130 degree sensing range

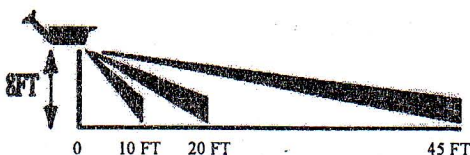
VOLTAGE:	120VAC/60HZ	DETECTION RANGE:	45 ft APPROX	TIME ON:	7 sec to 10 min APPROX
LAMPLOAD:	MAX 300W	MOUNTING HEIGHT:	8 ft, Wall Mount	MANUAL OVERRIDE:	OFF/ON within 3 sec.
DETECTION ANGLE:	130° APPROX	LUX SETTING:	Night time operating only		



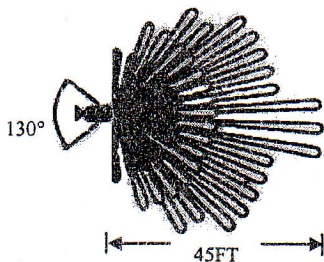
ELECTRICAL CONNECTION DIAGRAM:



DETECTION RANGE SIDE VIEW:



DETECTION RANGE TOP VIEW:



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 lampholders. Install light bulbs into the lampholders. Do not exceed 300 watts total. Flood lights are recommended.
5. Restore electrical power and follow steps for "SET UP"

SET UP

TEST:

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

AUTO OPERATIONS:

Turn the TIME knob clockwise to adjust how long you want The light to stay on after the unit is activated. and turn the PHOTOCELL switch to NIGHT position, this fixture will Be operated from dusk to dawn, and turned off on daytime Automatically.

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 motion sensor is not located near to the hot air vents, air conditioners, trees, or where traffic or other large, light-color objects might interfere with its operation.

PAGE 1



Outdoor Lighting

Installation Instructions

"M" Series Infrared Motion Sensors 130 degree sensing range

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 cold 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 T bulb, do not exceed 300 watts total. Suitable for wet location only.
-

INSTALLATION INSTRUCTIONS

GENERAL:

- (1) For local operation and maximum coverage of area the unit should be mounted 8' above the ground under a house overhang. If mounting the unit at 8' is impractical, the unit may be mounted either higher or lower however the effective larger area way vary from the specifications stated in this manual.
- (2) The unit works by sensing a moving heat source in the large area. The control module is adjustable and should be pointed slightly downward for best operation. The light bulbs should be pointed slightly downward for best operation. 1/4" air space required between motion sensor and lamp or lampholder.
- (3) If you are unfamiliar with electrical wiring it is recommended you secure the services of a qualified electrician who can insure the installation meets national and local electrical codes.

ASSEMBLY AND MOUNTING

- (1) If you ready have light in the location that you intend to mount the 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. It is recommended that a qualified electrician install electrical wiring to the new location.
- (2) Assembly the bulb sockets to the two outside holes in the backplate. Tighten the arms using the lock nuts provided with the sockets. Mount the control module to the center hole in the backplate. **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"x4" outlet box.
 - (3) Follow this step by step procedure for wiring the fixture. Wiring the unit incorrectly may damage the electronic components inside the control module.
 - A. Connect either one of the white wires from the control module to the white wires of the bulb sockets. Using wire nuts provided with the unit. Be sure no loose strands of wire are present. Secure wire connector to wires using electrical tape.
 - B. Connect the red wire from the control module to the black wires of the bulb sockets.
 - C. Connect the remaining white wire from the control module to the white wire from the supply circuit. Connect the black wire from the control module to the black wire of the supply circuit.
 - D. 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.
 - E. Connect fixture ground wire either green or bare to the system ground. Mount the assembled unit to the outlet box using two screws. Install light bulb into the bulb holders. Do not exceed 300 watts total flood lights.
-

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.