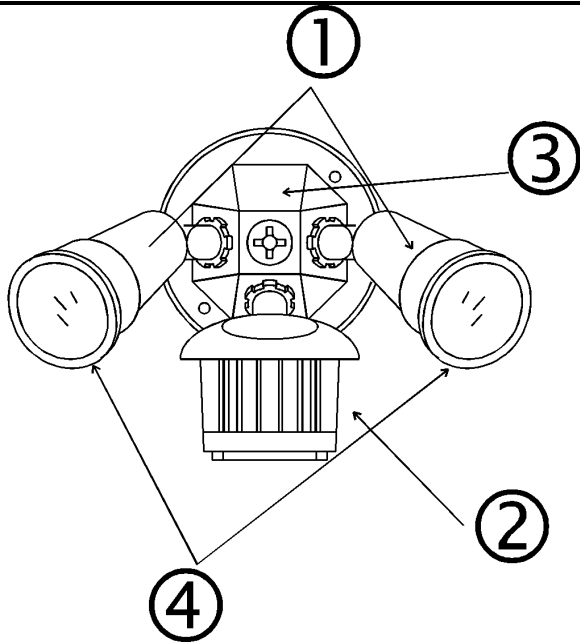


ES62

MOTION SENSOR TWIN SPOT FLOODLIGHT



- ① Floodlight Lamp Holder
- ② PIR Motion Sensor
- ③ Wall Plate
- ④ External Silicon Bushing

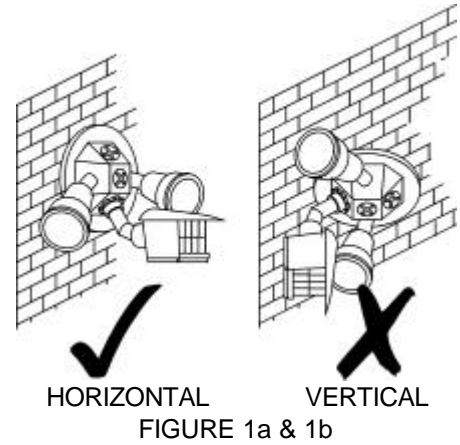
INTRODUCTION

Your EVERSPRING MOTION SENSOR TWIN SPOTS FLOODLIGHT is a unique lighting system for your home or business. At night, the built-in passive infrared (PIR) motion sensor turns on the floodlight when it detects motion in its coverage area. During the day, the built-in photocell sensor saves electricity by deactivating the lights. Time and Lite adjustment functions let you select how long and when the light will stay on after activation. Two operation options let you choose: Automatic Operation or Manual Override.

Note: Read this entire manual before you start to install the system.

SAFETY PRECAUTIONS

- Do not install when it is raining.
- Be sure to switch off power source before installing.
- Make sure that the power wiring comes from circuit with an external 16A miniature circuit breaker for the short circuit protection or a suitable fuse.
- Keep minimum 0.5m away from the lighted objects.
- The adjusting screw and external silicon bushing shall not be removed. Tighten the connection of the floodlight head assembly and motion sensor to the base, so as to avoid any rotation.
- The unit can be installed only horizontally (FIGURE 1a), not vertically (FIGURE 1b).



IMPORTANT

Some local building codes may require installation of this product by a qualified electrician.

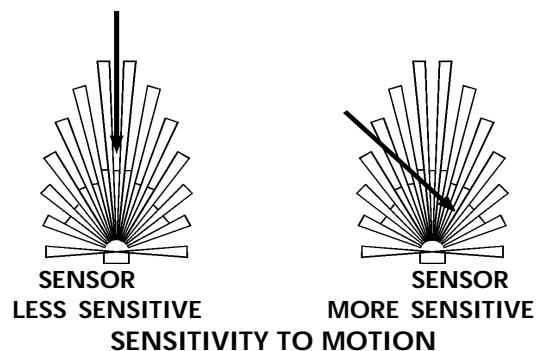
Check your local codes as they apply to your situation. If the house wiring is of aluminum, consult with an electrician about proper wiring methods.

Maintenance or repairing work such as replacing current fuse shall be done by a qualified electrician or technician.

Before proceeding with the installation, **TURN OFF THE POWER TO THE LIGHTING CIRCUIT AT THE CIRCUIT BREAKER OR FUSE BOX TO AVOID ELECTRICAL SHOCK.**

CHOOSING A MOUNTING LOCATION

- For the best results, fix your sensors on a solid surface, 1.8~2.5M above the ground.
- For outdoor installation, a location under eaves is preferable.
- Avoid aiming the motion sensor at pools, heating vents, air conditioners or objects that may change temperature rapidly.
- Do not allow sunlight to fall directly on the front of unit.
- Try to avoid pointing the unit at trees or shrubs or where the motion of pets may be detected.
- Prior to mounting, keep in mind that the motion sensor is more sensitive to the motion, which is across the detection field and less sensitive to the motion, which moves directly towards the detector (FIGURE 2).



BULB INSTALLATION

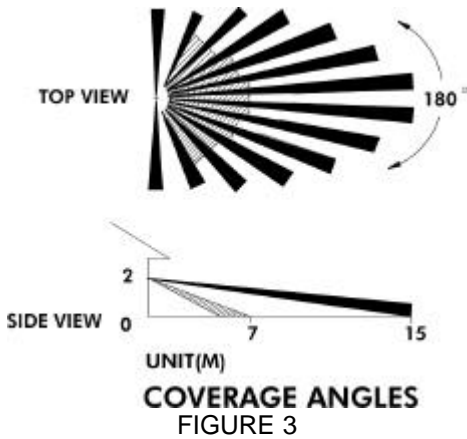
CAUTION: Always handle PAR38 bulbs with a soft cloth. Do not touch the bulb with your bare hand as it will shorten the life of the bulb.

- (1) Do not touch the floodlight while it is in use or still hot. Allow it to cool (about 5 minutes) before touching it.
- (2) Do not use PAR38 bulb rated higher than 150 watts.
- (3) Disconnect the power source or wall switch. Screw two floodlight bulbs into the lamp holders. Use a maximum of 150 watt PAR 38 bulb for each lamp holder.

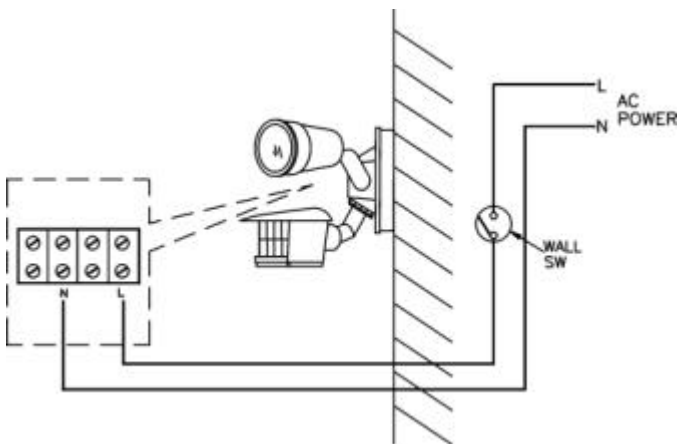
Note: Do not over tighten the bulbs.

INSTALLATION

To facilitate installation, it is essential to get a drill and a screwdriver ready. Select a location for the unit based on the coverage angles shown in FIGURE 3.



Install a wall switch adjacent to the power source. (FIGURE 4). This will help you operate this motion sensor floodlight with ease. See OPERATION for further information.



Note: Keep the bulb away from the wall at least 50mm (FIGURE 5).

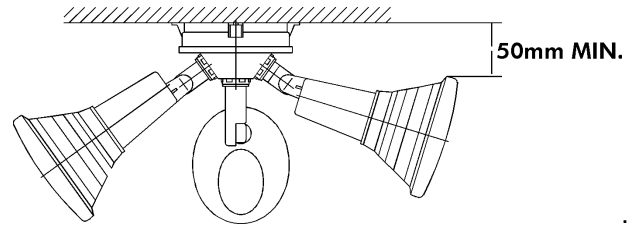


FIGURE 5

WIRING INSTRUCTION

- (1) Switch off the power source or wall switch.
- (2) Remove the wall box's back plate then unscrew two screws on the pressure block (FIGURE 6).

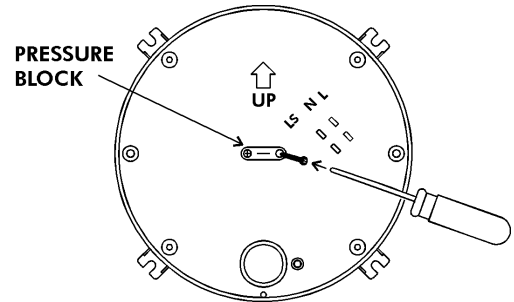


FIGURE 6

Note: There is a "UP" mark shown on the interior wall box. Be sure to have "UP" mark shown upwardly when fixing the wall box on the wall.

- (3) Use a screwdriver to break a small hole on the cable gasket, enabling the power cord to enter into the wall box (FIGURE 7).

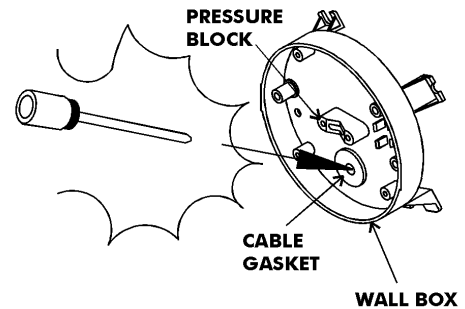


FIGURE 7

- (4) Route the power cord through the cable gasket.

Note: The power cord must meet H05RN-F, 3G, 1.0mm² requirement.

- (5) Fix the wall box to the pre-determined mounting location by making use of the two screws provided.

Note: Ensure that the position of two screws to fix on the wall should be inserted diagonally (FIGURE 8).

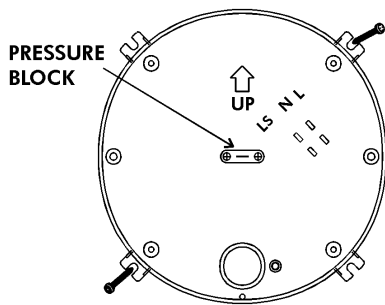


FIGURE 8

- (6) Strip approximately 6-8mm insulating part of the wires from the power cord. Before connection, ensure that the wall box gasket is firmly seated in its original place.
- (7) Connect the BROWN wire (Live wire) to the terminal block "L" mark. Connect the BLUE wire (Neutral wire) to the terminal block "N" mark (FIGURE 9).

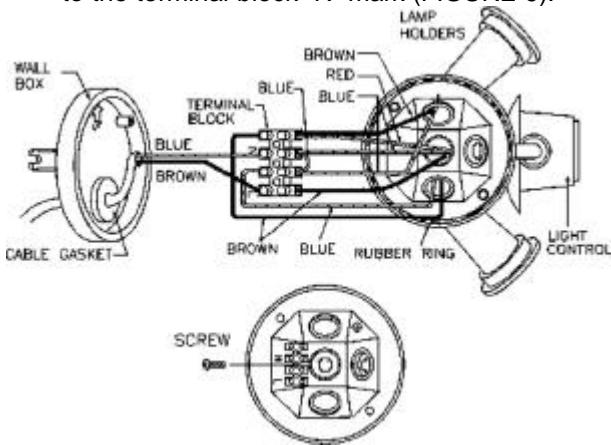


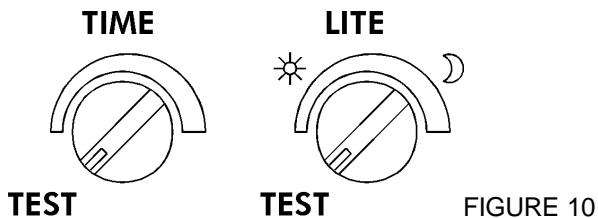
FIGURE 9

- (8) Use the pressure block to fix the power cord by fastening its two screws.
- (9) Place the wall plate to the wall box and secure it with the two screws provided.

SETTING THE LIGHTING SYSTEM

(1) TEST MODE

- Turn the Lite control and the Time control anti-clockwise to the edge – the TEST position (FIGURE 10).



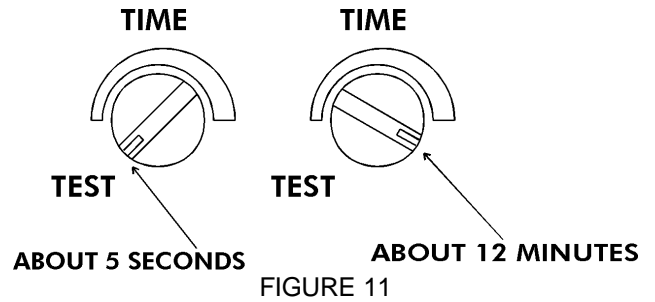
- Turn on the wall switch. The floodlight will turn on for about 1 minute to warm up. Then it turns off. Walk through the detection area. The floodlight turns on when you move and turns off when you stop. Wait for the floodlight to turn off before moving again to test the sensor.

- Adjust the motion sensor to cover the desired detection area. For a smaller coverage area, point the sensor down; for a larger coverage area, point the sensor up.

(2) TIME ADJUSTMENT

The TIME adjustment controls how long the floodlight will stay on after the motion has been detected.

Turn the TIME control knob clockwise to increase (up to about 12 minutes) how long the floodlight stays on or anti-clockwise to decrease (down to about 5 seconds) the time delay (FIGURE 11).



(3) LITE ADJUSTMENT

The LITE adjustment determines at what light level the lighting system will start operating when you set the sensor to Automatic Operation.

Provisionally turn the LITE control knob to the edge clockwise at the moon (dusk) position (FIGURE 12). In this provisional setting mode, the motion sensor's remains inactive during daylight. At dusk when you find it is the LUX level desired for operation, simply set the LITE control knob to the position that the motion sensor floodlight will become active as daylight declines.

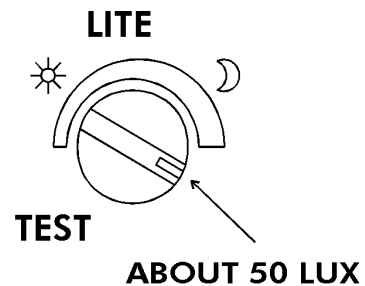


FIGURE 12

OPERATION

By using the wall switch connected to your motion sensor floodlight, you can easily select one of two modes of operation: Automatic Operation and Manual Override.

(1) AUTOMATIC OPERATION

Turn on the wall switch. When the motion sensor detects motion, the floodlight automatically turns on. The built-in photocell sensor turns the motion sensor off and on according to the light level set by the LITE Adjustment.

(2) MANUAL OVERRIDE

To keep the light on regardless of the motion, you can override the Automatic Operation. By turning the wall switch off and on within 2 seconds, the light will remain on. Users can also set the motion sensor back to Automatic Operation by turning off the wall switch for at least 10 seconds and then turn it back on.

TROUBLE SHOOTING

Light does not turn on:

- Confirm that you have made a correct "wiring connection".
- Make sure that the bulb has not burned out.

Light remains on:

- Make sure the wiring connection is correct.
- If you set the motion sensor to Manual Override, remember that you must turn the wall switch off for at least 10 seconds before switch the motion sensor on back to Automatic Operation.
- Check if the TIME setting is correct.

SPECIFICATIONS

| | |
|------------------------|---|
| Power Requirement | AC 220 ~ 240V / 50Hz |
| Power Cord Requirement | H05RN-F, 3G, 1.0mm ² |
| Lighting Load | Max. 150W x 2 PAR38 Bulb |
| Detection Angle | Up to 180° at 20°C |
| Detection Distance | Up to 12M at 20°C |
| Swiveling Angle | Lamp Part: Horizontal 170°; Sensor Part: Horizontal 40°, Vertical 60° |
| Mounting Height | Recommended 1.8 ~ 2.5M (5.9 ~ 8.2 Ft) Wall Mount |
| Wall Switch Control | On / Off / Manual Override |
| Sensor Operation | Auto |
| Time Adjustment | 5 ± 3 sec ~ 12 ± 3 min |
| Lux Adjustment | Approx. 0 ~ 1,000 Lux. |
| Operating Temperature | -20°C ~ +40°C |
| Warm Up Time | About 1 min |
| Protection Class | Class II |
| Protection Degree | IP44 |
| Safety | CE, GS |



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