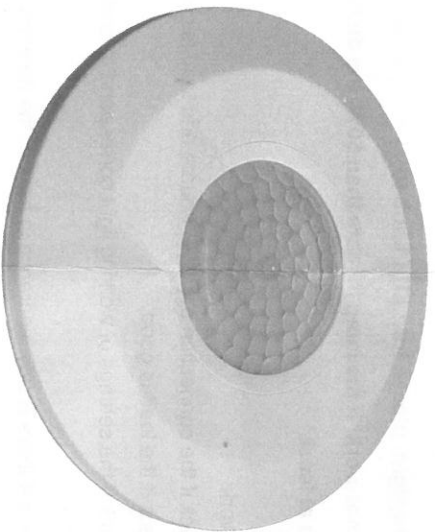


OPTONIC PA LED

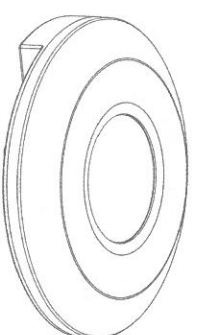
SKU: 7310



Thank you for purchasing 7310 infrared motion sensor! The

product has a sensitivity detector and an integrated circuit. It provides automation, convenience, safety and energy-efficiency.

It utilizes the infrared energy reflected from human body as control-signal source and it sets off the load at once when one enters the detection field. It can identify day and night automatically. It is easy to install and has a wide usage application.

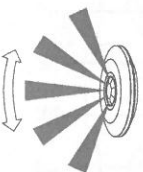


SPECIFICATION:

Power Source: 220-240V/AC	Detection Range: 360°
Power Frequency: 50-60Hz	Detection Distance: 6m max(<24°C)
Ambient Light: <10-2000LUX (adjustable)	Working Temperature: -20~+40°C
Time Delay: Min: 10sec ± 3sec	Working Humidity: <93%RH
Max: 7min ± 2min	Power Consumption: approx 0.5W
Rated Load: Max: 2000W	Installation Height: 2.2-4m
1000W	Detection Moving Speed: 0.6-1.5m/s

FUNCTION:

- Can identify day and night automatically: The consumer can adjust working state in different ambient light. It works in daytime and at night when it is adjusted on the "+" position (max). It works in the ambient light less than 10LUX when it is adjusted on the "-" position (min). As for the adjustment pattern, please refer to the testing instructions.
- Time-Delay is added continually: When it receives the second induction signals within the first induction, it will restart to time from that moment.



Good sensitivity

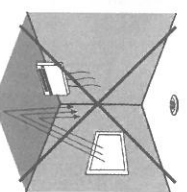
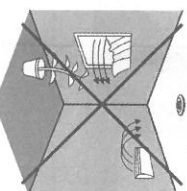
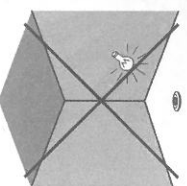


Poor sensitivity

INSTALLATION MANUAL:

As the detector responds to changes in temperature, avoid the following situations:

- Avoid pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.
- Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, light etc.
- Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc.



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CONNECTION:

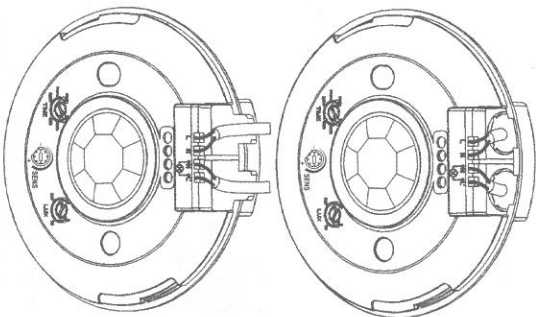
⚠ WARNING

Warning: Danger of death through electric shock!

- Must be installed by professional electrician.
- Disconnect power source.
- Cover or shield any adjacent live components.
- Ensure device cannot be switched on.
- Check power supply is disconnected.

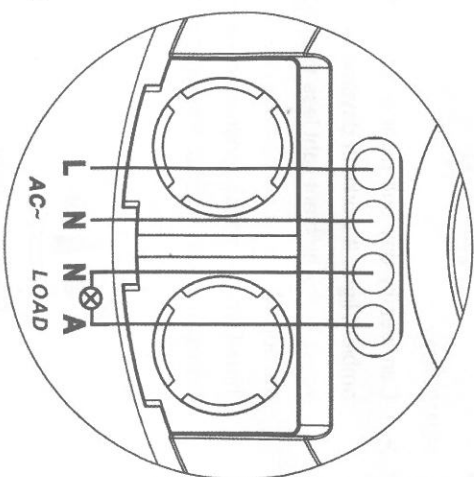
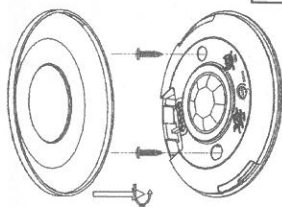
- Please remove the upper cover with anti-clockwise whirl as per the diagram on the right.
- Connect the power and the load according to the connection-wire diagram.
- Fix the bottom on the selected position with the inflated screw.
- Install back the upper cover on the sensor, then you could switch on the power and test it.

CONNECTION-WIRE DIAGRAM (See the right figure)

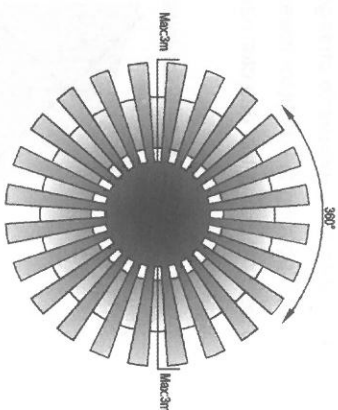
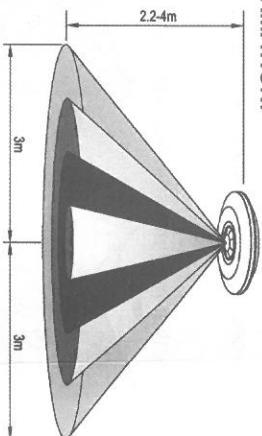


The wires come in and out from the bottom

The wires come in and out from the side

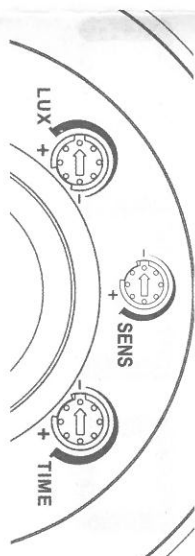


SENSOR INFORMATION:



TEST:

- Turn the TIME knob anti-clockwise on the Height of installation: 2-2.2m LUX knob clockwise on the maximum “+” (sun).
- Switch on the power; the sensor and its connected lamp will have no signal at the beginning. After Warm-up 30sec, the sensor will start operating. If the sensor receives the induction signal, the lamp will turn on. While there is no another induction signal any more, the load should stop working within 10sec±3sec and the lamp would turn off.
- Turn LUX knob anti-clockwise on the minimum “-” (3). If the ambient light is more than 10LUX, the sensor would not work and the lamp stop working too. If the ambient light is less than 10LUX (darkness), the sensor would work. Under no induction signal condition, the sensor should stop working within 10sec±3sec.



Note: when testing in daylight, please turn LUX knob to “+” (SUN) position, otherwise the sensor lamp could not work! If the lamp is more than 60W, the distance between lamp and sensor should be 60cm at least.

TROUBLESHOOTING:

- The load does not work:
 - a. Please check if the connection of power source and load is correct.
 - b. Please check if the load is good.
 - c. Please check if the settings of working light correspond to ambient light.
- The sensitivity is poor:
 - a. Please check if there is any hindrance in front of the detector to affect it to receive the signals.
 - b. Please check if the ambient temperature is too high.
 - c. Please check if the induction signal source is in the detection field.
 - d. Please check if the installation height corresponds to the height required in the instruction.
 - e. Please check if the moving orientation is correct.
- The sensor does not shut off the load automatically:
 - a. Please check if there is continual signal in the detection field.
 - b. Please check if the time delay is set to the maximum position.
 - c. Please check if the power corresponds to the instruction.