T-LED IS11-P Infrared Motion Sensor Instructions

Contents

T-LED IS11-P Infrared Motion Sensor

Specifications:

- **Product Name:** Infrared Motion Sensor 068286 IS11-P 230V
- **Voltage:** 220-240V/AC
- **Power Frequency:** 50/60Hz
- **Ambient Light:**

Product Usage Instructions

Installation:

1. Ensure the power supply is switched off before installation.
2. Mount the motion sensor at a suitable height and angle for effective detection.
3. Connect the sensor to the power supply following the provided wiring diagram.
4. Adjust the settings as needed for sensitivity and duration.

Operation:

1. Once installed, switch on the power supply.
2. The motion sensor will detect movements within its range and trigger the connected device or light accordingly.
3. Test the sensor by moving within its detection zone to ensure proper functionality.

Maintenance:

- Regularly clean the sensor lens to ensure optimal performance.
- Check and tighten any loose connections periodically to avoid malfunctions.

Instruction

Welcome to use IS11-P infrared motion sensor!

The product adopts good sensitivity detector and integrated circuit. It gathers automatism, convenience, safety, saving-energy and practical functions. It utilizes the infrared energy from human as control-signal source and it can start the load at once when one enters detection field. It can identify day and night automatically. It is easy to install and used widely.

SPECIFICATION

- **Voltage**: 220-240V/AC Detection Range: 360°
- **Power Frequency**: 50/60Hz Detection Distance: 8m max(<24℃)
- **Ambient Light**: <3-2000LUX (adjustable) Working Temperature: -20~+40℃
- **Time Delay**: Min.10sec±3sec Working Humidity: <93%RH
- **Max.15min±2min Power Consumption**: approx 0.5W
- **Rated Load**: Max.800W Installation Height: 2.2-4m
- **400W Detection Moving Speed**: 0.6-1.5m/s

FUNCTION

- Can identify day and night: The consumer can adjust working state in different ambient light. It can work in the daytime and at night when it is adjusted on the “sun” position (max). It can work in the ambient light less than 3LUX when it is adjusted on the “3” position (min). As for the adjustment pattern, please refer to the testing pattern.
- Time-Delay is added continually: When it receives the second induction signals within the first induction, it will restart to time from the moment.

Good sensitivity Poor sensitivity INSTALLATION ADVICE

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.

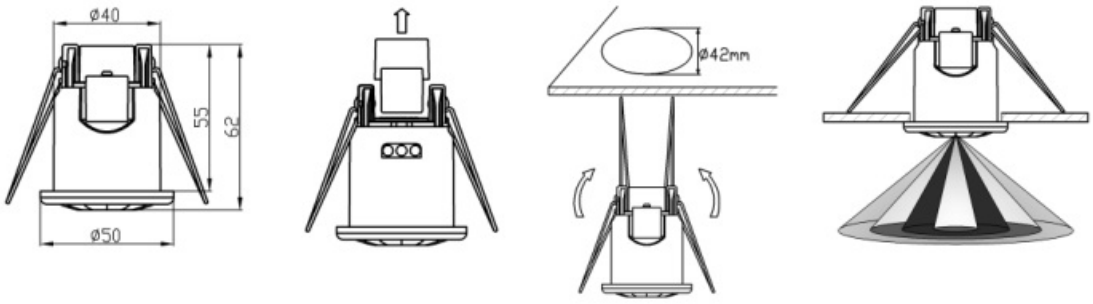
- **CONNECTION**:

  Warning. Danger of death through electric shock!

  - Must be installed by professional electrician.
  - Disconnect power source.

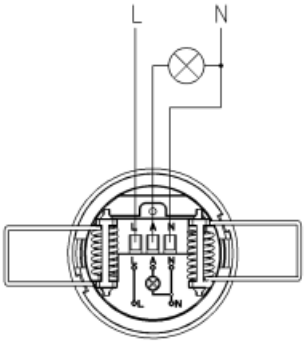
- Cover or shied any adjacent live components.
- Ensure device cannot be switched on.
- Check power supply is disconnected.

- Turn clockwise the plastic cover that is on the top of sensor and adjust time and LUX knob.
- Connect the power to connection terminal of sensor according to connection-wire diagram.
- Fold the metal spring of the sensor upwards and then put the sensor into the suitable hole or installation box. Releasing the spring, the sensor will be set in this installation position.
- After finishing installing, turn on the power and then test it.

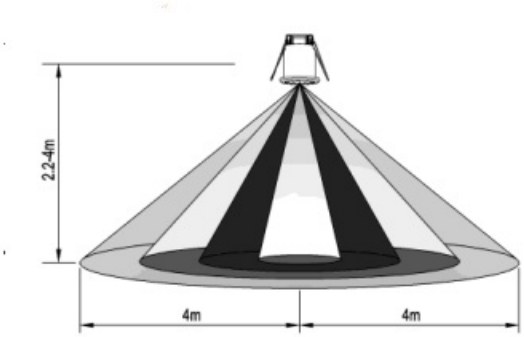


CONNECTION-WIRE DIAGRAM

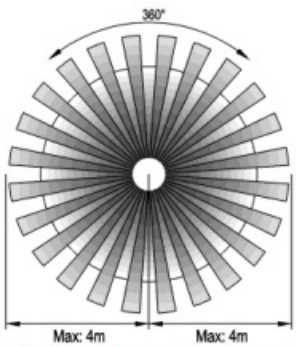
(See the right figure)



SENSOR INFORMATION



Height of installation: 2.2-4m



Detection Distance: Max.8m

- Turn the LUX knob clockwise on the maximum (sun).Turn the TIME knob anti-clockwise on the minimum (10s).
- Switch on the power; the sensor and its connected lamp will have no signal at the beginning. AfterWarm-up 30sec, the sensor can start work. 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 3LUX, the sensor would not work and the lamp stop working too. If the ambient light is less than 3LUX (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!

SOME PROBLEM AND SOLVED WAY

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

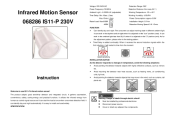
FAQs

Q: How can I adjust the sensitivity of the motion sensor?
A: Most motion sensors have a sensitivity adjustment dial or setting that can be modified to suit your needs. Refer to the product manual for specific instructions on adjusting sensitivity.

Q: Can the motion sensor be used outdoors?
A: It depends on the product specifications. Some motion sensors are designed for outdoor use, while others are suitable for indoor use only. Check the product details or consult with the manufacturer for outdoor suitability.

Q: What is the detection range of this motion sensor?
A: The detection range can vary depending on the model and specifications of the motion sensor. Refer to the product manual or contact the manufacturer for specific information on the detection range of this particular sensor.

Documents / Resources

	T-LED IS11-P Infrared Motion Sensor [pdf] Instructions IS11-P Infrared Motion Sensor, IS11-P, Infrared Motion Sensor, Motion Sensor, Sensor

References

- **User Manual**

Manuals+, **Privacy Policy**

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.