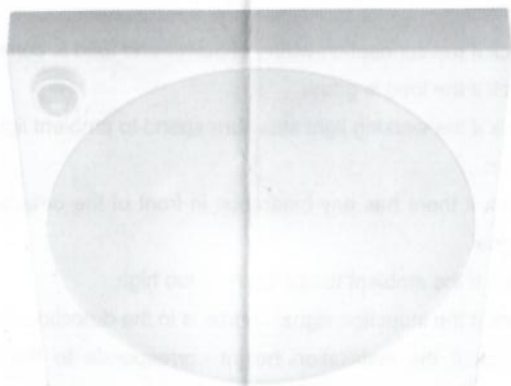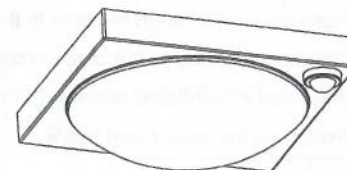# 70A

Infrared LED Sensor Lamp

Instruction

Welcome to use our 70A Infrared LED Sensor Lamp!

The product is an energy-saving automatic sensor lamp, adopting integrated circuit and precise detecting components. It gathers automatism, convenience, safety, saving-energy and practical functions. Its performance is stable. It can identify day and night. The lamp can turn on when one enters detection field and can turn off automatically when one leaves detection field.

SPECIFICATION:

|	
Power Source: 110-240V/AC	Detection Range: 360°
Power Frequency: 50/60Hz	Detection Distance: max.6m(<24℃)
Ambient Light:<3-2000LUX(adjustable)	Working Temperature: -20~+40℃
Time Delay:Min.10sec±3sec	Working Humidity: <93%RH
Max.5min±1min	Installation Height: 2.2-4m
Rated Load: 12W (24PCS LED)	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 "moon" 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.

➢ Adjustable Time Delay: the length of time delay could be set according to the customers' requirement, the minimum time of this item is 10sec±3sec, and the maximum is 5min±1min.
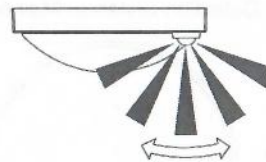
Good sensitivity
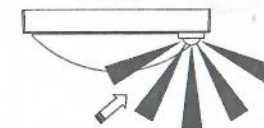
Poor sensitivity

INSTALLATION:

- ➢ Switch off the power.
- ➢ U nload the plastic cover anti-clockwise to open it. (refer to figure1)
- ➢ Pass the wire through the hole in the bottom and connect the power wire into connection-wire column according to the connection-wire diagram. Install the sensor lamp in the position where you need with inflated screws. (refer to figure2)
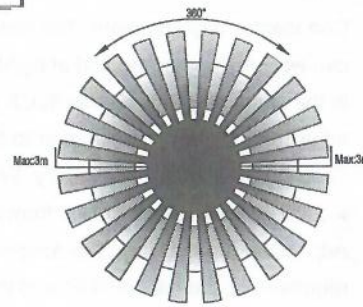- ➢ Switch on the power and test it.

Figure1   Figure2

CONNECTION-WIRE DIAGRAM:

N↑ L↑
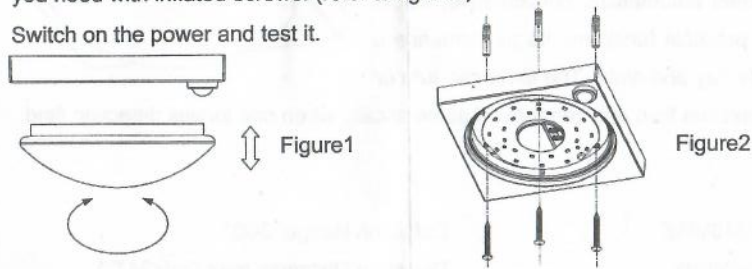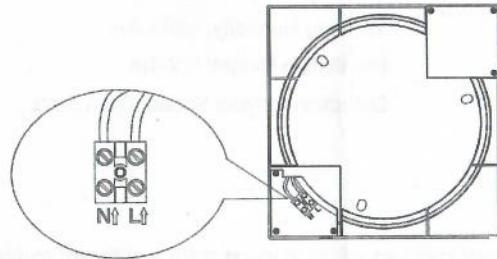
SENSOR INFORMATION:

2.2-4m

3m   3m
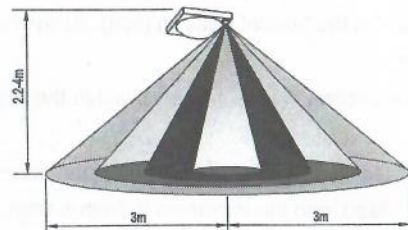
Height of installation: 2.2-4m

360°

Max3m   Max:3m
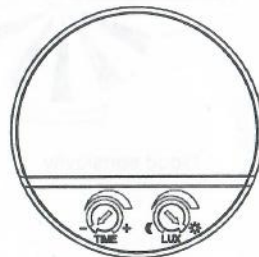
Detection Distance: Max.6m

TEST:

- ➢ Turn the TIME knob anti-clockwise on the minimum. Turn the LUX knob clockwise on the maximum (sun).

TIME   LUX

- ➢ Switch on the power; the lamp will have no signal at the beginning. After Warm-up 30sec, the lamp can start work .If it receives the induction signal, the lamp will turn on. While there is no another induction signal any more, the lamp should stop working within 10sec±3sec.
- ➢ Turn LUX knob anti-clockwise on the minimum (moon). If the ambient light is more than 3LUX, the lamp should not work. If the ambient light is less than 3LUX (darkness), the sensor would work. Under no induction signal condition, the lamp 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!

NOTE:

- ➢ Should be installed by electrician or experienced person.
- ➢ Avoid installing it on the uneven object.
- ➢ There should be no hindrance and moving objects in front of the detection windows to affect detection.
- ➢ Avoid installing it near air temperature alteration zones such as air condition, central heating, etc.
- ➢ Considering your safety, please do not open the cover when you find the hitch after installation.

SOME PROBLEM AND SOLVED WAY:

- ➢ The load do not work:

    a. Please check if the connection-wiring of power and load is correct.

    b. Please check if the load is good.

    c. Please check if the working light sets correspond to ambient light.

- ➢ The sensitivity is poor:

    a. Please check if there has any hindrance in front of the detection window to affect to receive the signal.

    b. Please check if the ambient temperature is too high.

    c. Please check if the induction signal source is in the detection fields.

    d. Please check if the installation height corresponds to the height showed in the instruction.

    e. Please check if the moving orientation is correct.

- ➢ The sensor can 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 the longest.

    c. Please check if the power corresponds to the instruction.