

Infrared Sensor Light



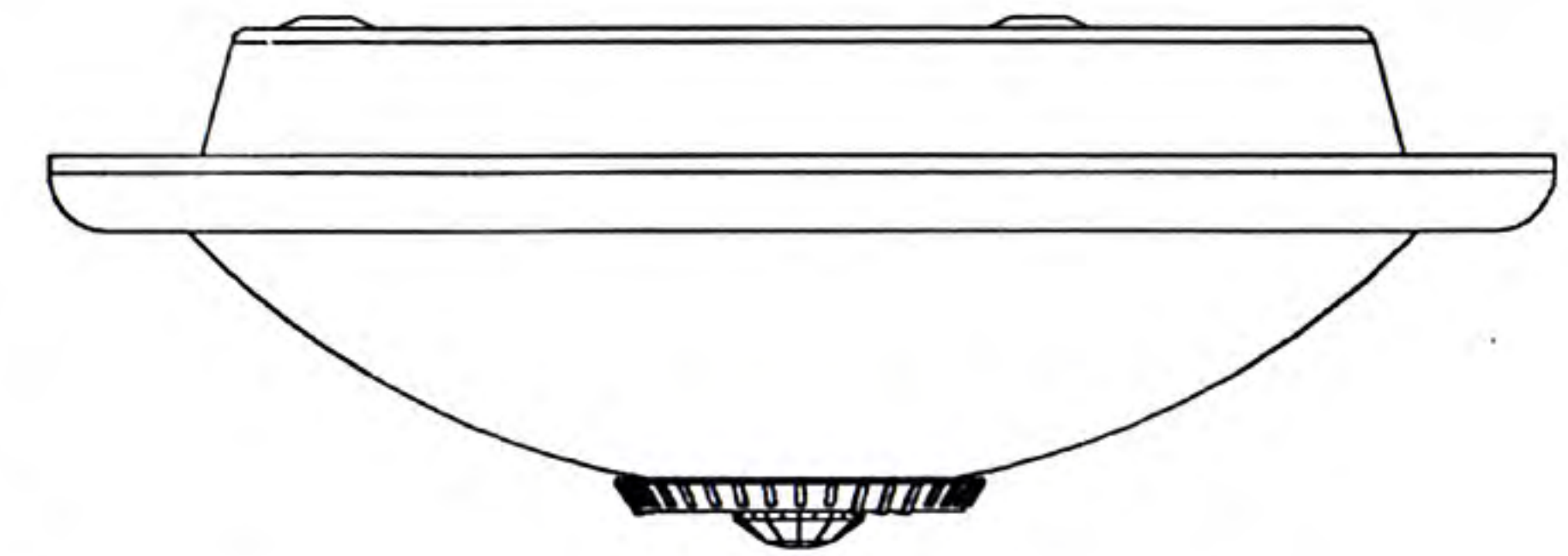
Manual



Welcome to use Infrared Sensor Light!

This product is an energy-saving lamp, which can turn on when one comes and turn off when leaves. It can identify day and night automatically. It adopts infrared energy discharging detector, IC

and SMD technology its performance is stable and reliable. When one enters the detection field and trigger it, the infrared sensor will work and make the lamp on. When leaves, the lamp will die out automatically.



SPECIFICATION:

Power Sourcing: 220V/AC-240V/AC

Power Frequency: 50Hz

Ambient Light: 3-2000LUX (adjustable)

Time-Delay: min: 10sec±3sec

max: 2min±30sec

Rated Load: max: 2x40W

Detection Distance: max.6m (<24°C)

Detection Range: 360°

Working Temperature: -20~+40°C

Working Humidity: <93% RH

Installation Height: 2.2m-4m

Power Consumption: 0.45W (work)

0.1W (static)

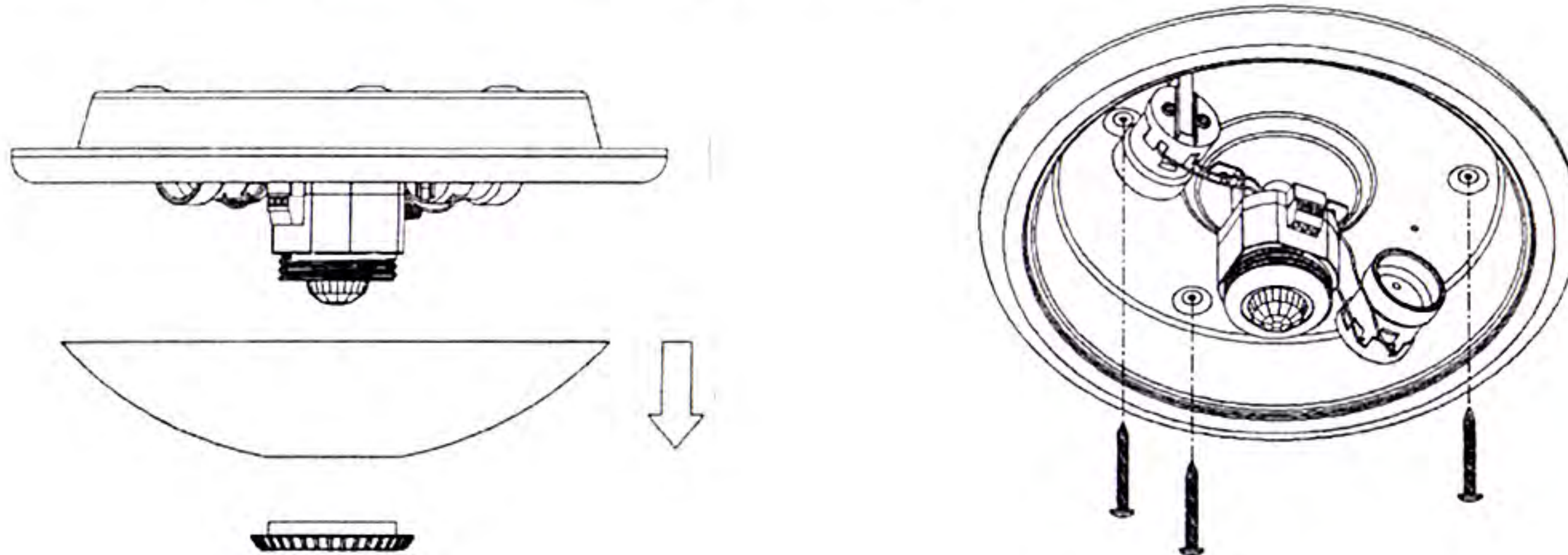
Detection Motion Speed: 0.6~1.5m/ s

FUNCTION

- It can identify day and night, and could choose the intensity of illumination what is in the working atmosphere by free. When turn the LUX knob to SUN symbol, it could be worked in any light, when turn to MOON symbol, it only could be worked in the night when the light is less than 3 LUX.
- Time Delay continues adding: after first inducting, when it receives the second induction signal again, the time delay will be re-clocking base on the first remainder time-delay (Set Time).
- 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, the maximum is 2 min ± 30sec.

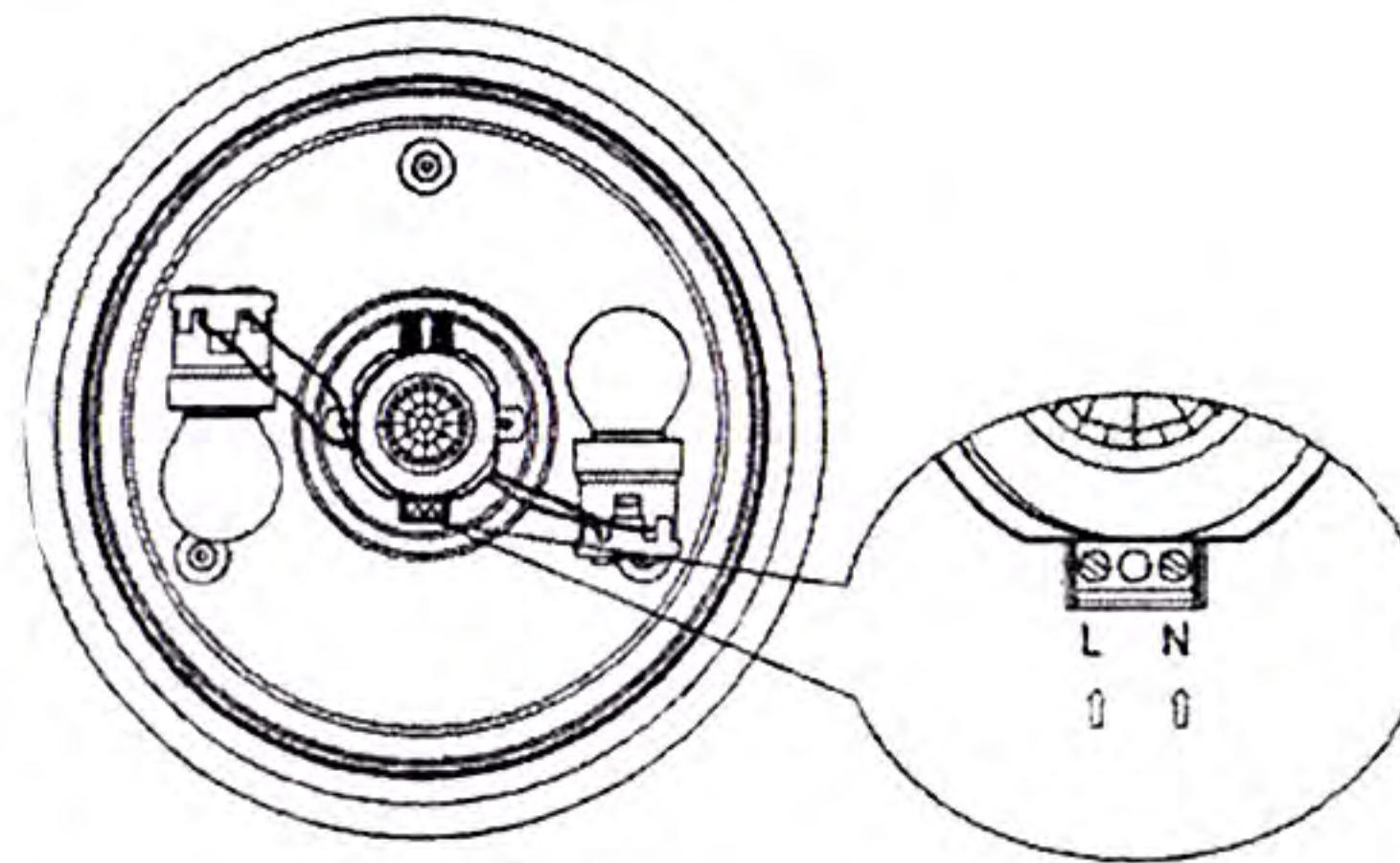
INSTALLATION

- Switch off the power.
- Unscrew the plastic screw nut and remove the glass lampshade, then cross the wire through wires hole according to the following connect-wire figure.
- Enclose the incandescent bulbs or energy-saving lamps. Install the sensor lamp in the position where you need with inflated screws.
- Fasten the lampshade, then electrifying and testing.



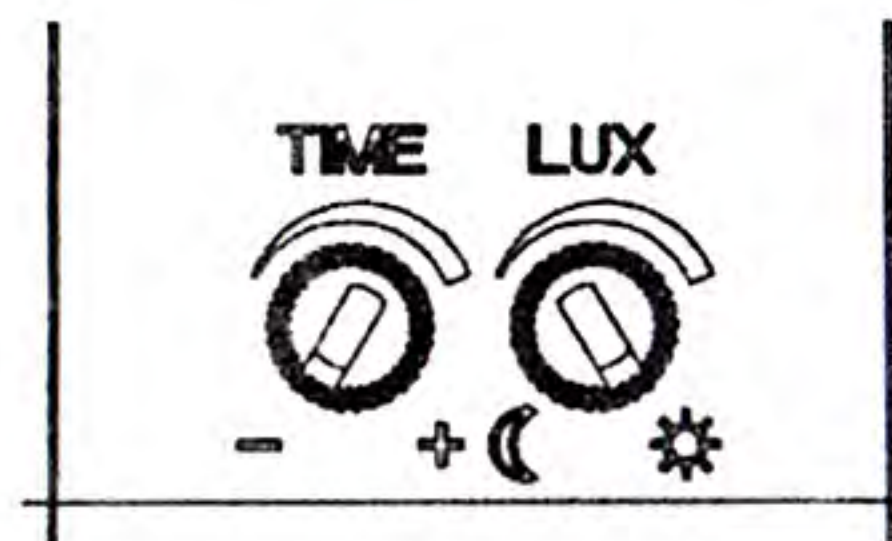
CONNECTION-WIER SKETCH DIAGRAM

Connecting the power source into the "N" , "L" according to connection wire diagram when you install it•



TEST:

- Turn TIME knob anti-clockwise to the minimum; turn the LUX knob clockwise to the maximum (SUN), Switch on power, the controlled load should not work, needing to preheat within 5-30sec;
- Make it sense again 5-10sec later since the first is out, the load should work, the load should stop working within 5-15sec;
- Turn LUX knob to minimum anti-clockwise, if you test it when the ambient light is more than 3LUX, the induction load would not work after the load



stops working; the load should work if you cover the detection window with opaque object (towel etc),it would be regular the load stops to work within 5-15sec under no induction signal condition.

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 unrest object;
- There should be no hindrance and moving objects in front of the detection windows to effect 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.
- If there is difference between instruction and the function the product has, please give priority to product and sorry not to inform you additionally.

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 set correspond to ambient light.
- The sensitivity is poor:
 - a: Please check if there has hinder in front of the detection window to effect t 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 th 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 correspond to the instruction;
 - d: Please check if the temperature near the sensor change obviously, such as condition or central heating etc.