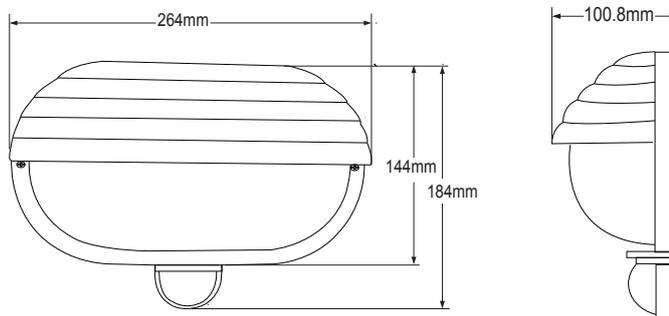


PD-PIR2030 Infrared Sensor Lamp Instruction



Packing list in	Quantity
Infrared Sensor Lamp	1X
 Φ6 Plastic expansion	2X
 3x30 Screw	2X
 Φ4 Sealing ring	2X

Summary

This product is a kind of energy-saving automatic lamp ,it can turn on when one comes and turn off after he leaves, It can identify day and night automatically. It adopts infrared energy discharge detector and integrated circuit. its performance is stable. The lamp will be on when one enters the detection field and trigger it, and it will be off after one leaves.

Function

- 1.Can identify day and night automatically, the working light-control can be adjusted freely, it can work automatically at night and stop in the daytime.
- 2.The illuminated time can be delayed automatically and adjusted according to the customer's desire.

Specifications

Power source: 220-240VAC

Power frequency: 50Hz

Rated load: 60W Max.

Detection angle: 180°

Time setting: min:8sec±3sec

max:3min±1min(adjustable)

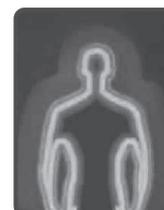
Detection range: 7m Max.(24°C)

Light-control: 10LUX~sunshine(adjustable)

Installation height: 1.8m~2.5m

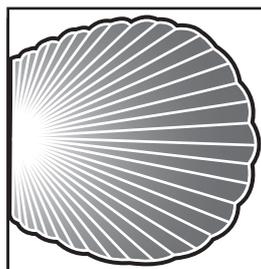
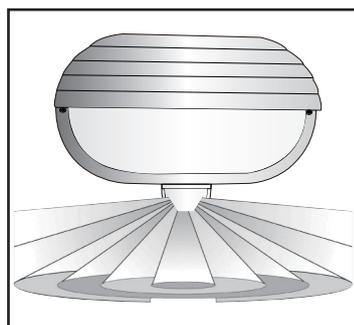
Working temperature: -10°C~+40°C

Working humidity: ≤93%RH

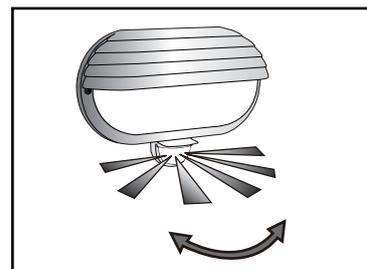


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Sensor information

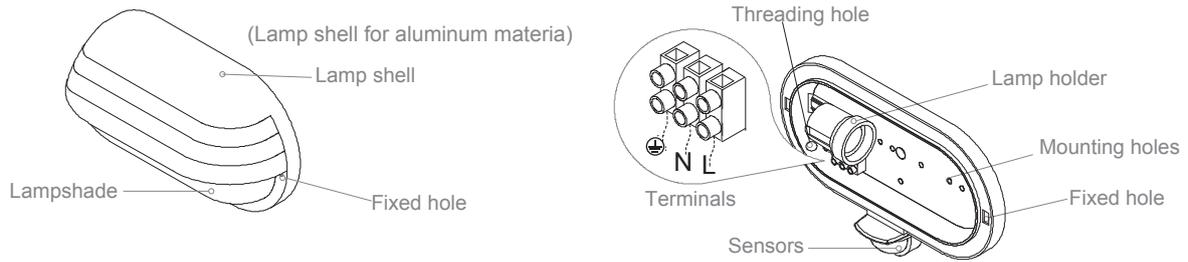


**7m Max.
Detection range**



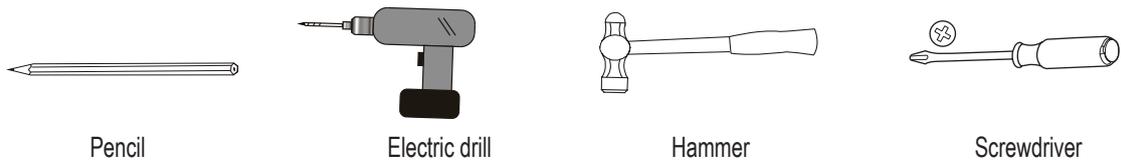
**180°
Detection angle**

The name of each part



Installation

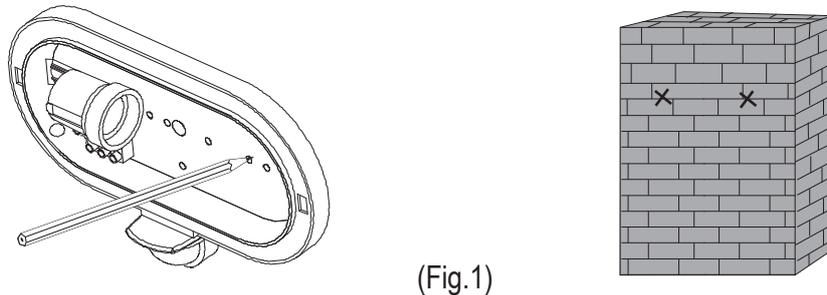
Note: Please bring the following tools



Warning!

1. Please keep it away from the children.
2. This product can be installed for outdoor, but we suggest that against rain/storm & High lights.

➤ Step 1 Mark the hole position with a pencil after determining where you want to install the product. (Fig.1)



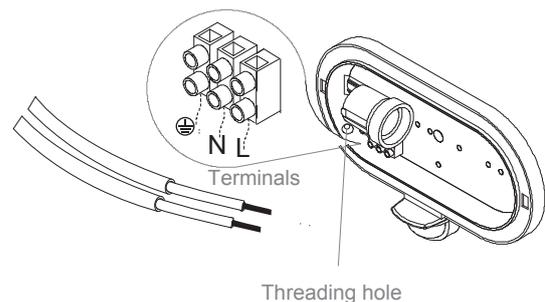
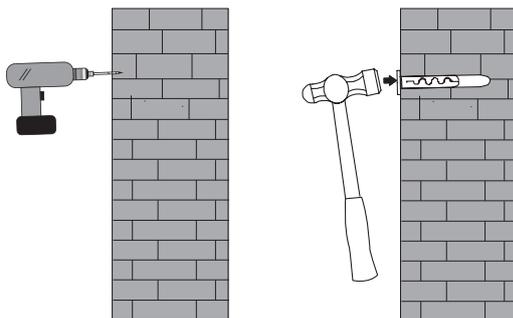
Note: If it is a wooden wall, there is no need to use plastic expansion screw, just fasten the screw with the screwdriver.

➤ Step 2 Drill holes on the walls where there is pencil mark with an electric drill and get the plastic expansion screws inside the hole. (Fig.2)

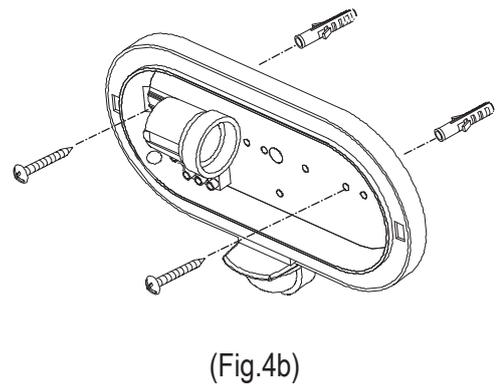
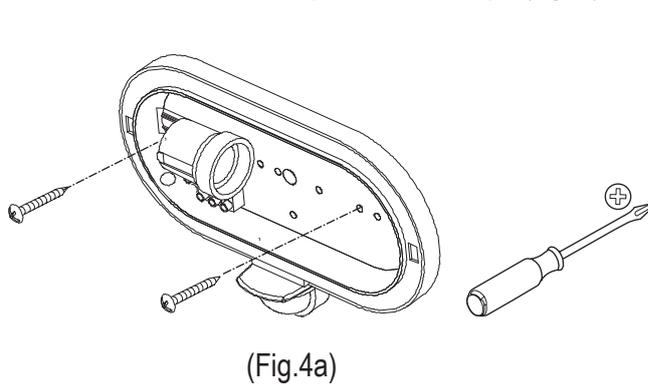
➤ Step 3 Connect the cable to the lamp through the cable entry openings. (Fig.3)

Warning!

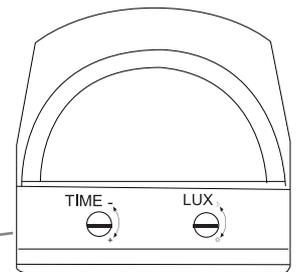
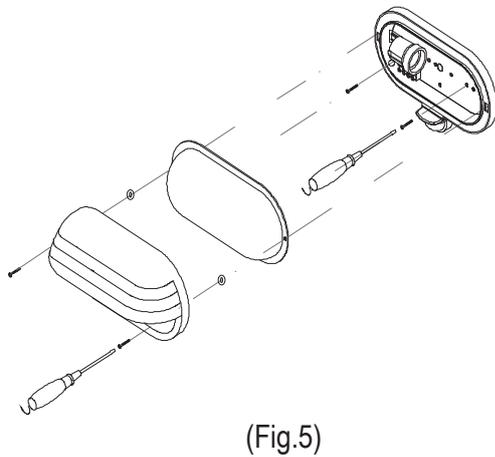
Please confirm when shut off the power cord access.



- Step 4 If it is a wooden wall, there is no need to use plastic expansion, just drive the screw with the screwdriver. (Fig.4a)
If it is not a wooden wall, please refer to step 2. (Fig.4b)



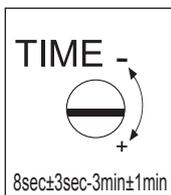
- Step 5 Fasten the cover to the lamp base which has been installed on the wall. (Fig.5)
- Step 6 Open the cover of the control panel downwards, and set the control knobs, and then cover the control panel upwards. (Fig.6)



Setting manner one: potentiometer

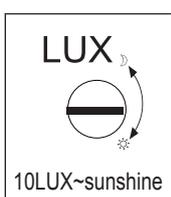
It may take times to adjust values before they satisfy your need.

(1) Time setting



It can be defined from 8sec±3sec (turn fully anti-clockwise) to 3min±1min (turn fully clockwise). Any movement detected before this time elapses will re-start the timer. It is recommended to select the shortest time for adjusting the detection range and for performing the walk test.

(2) Light-control setting



It can be defined in the range of 10LUX~sunshine. To turn the knob fully anti-clockwise is about 10 lux, fully clockwise is about sunshine. When adjusting the detection zone and performing the walk test in daylight, you should turn the knob fully clockwise.

NOTE:When the light be auto off,it will take 1 second before the sensor is ready to detect another movement,that is,only signal detected 1 seconds later can the light be auto-on.

It is mainly for the adjustment of the delay time from the moment the signal detected and light auto-on till the light auto-off. You can define the delay time to your practical need. But you'd better lower the delay time for the sake of energy saving, since the microwave sensor has the function of continuous sensing, that is, any movement detected before the delay time elapses will re-start the timer and the light will keep on only if there is human in the detection range.

Test

- After installing, turn the time knob anticlockwise to minimum before electrifying, turn light-control knob to daytime anticlockwise.
- The load should work after the first electrifying for 5S, then it stops , make it induct again within 30s, the load should work again.
- If all are regular, adjust the time knob to set the light time according to your desire; you can set the working ambient light by adjusting the light-control knob.

Note

1. Electrician and experienced human can install it.
2. The unrest objects can't be regarded as the installation basis-face.
3. There is no hinder or unrest objects effecting detection in front of the detection window.
4. Avoid installing it near temperature alteration zone, for example, air condition, central heater etc.
5. Please do not open the case for your safety if you find the hitch after installation, you should contact the provider in time.
6. If there are some difference between instruction and the function the product has, please give priority to product and sorry not to inform you additionally.