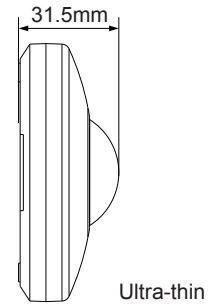
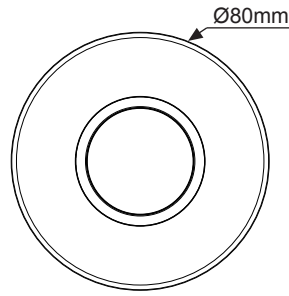




IP20



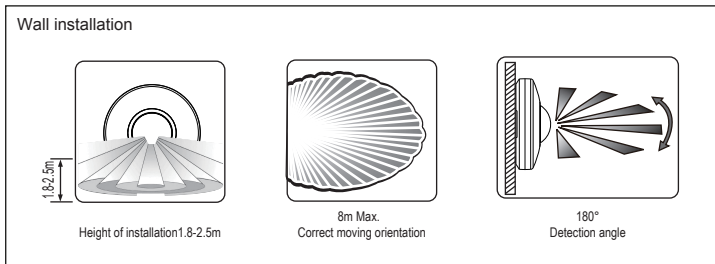
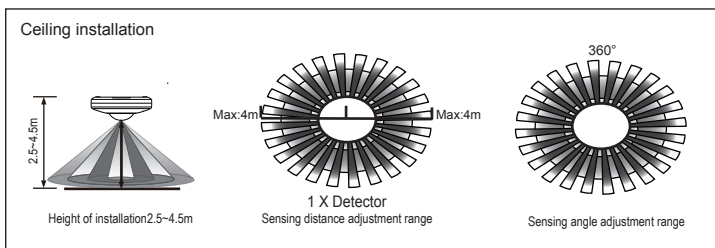
Summary

It gathers automatism, convenient safe, saving-energy and practical functions. One detector inside compose a wide range detection field, it utilizes the infrared energy from human as control-signal source, 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. This is the most advanced PIR sensor so far, which is thin and digital. It adopts the digital intelligent pyroelectric infrared sensor to make the circuit performance more stable, the error operation less, the sensitivity higher, the fault rate lower, the standby power consumption weaker and the resolution to signals stronger.

Specifications

- Power source: 220-240VAC, 50Hz
- Rated load: 800W Max. tungsten
150W Max. fluorescent & LED
- Detection range (22°C): 4m Max. (radial) (ceiling installation)
8m Max. (wall installation)
- Time setting: 8±2sec~8±2min (adjustable)
- Light-control: <10LUX~2000LUX (adjustable)
- Detection angle: 360° (ceiling installation)
- Installation height: 2.5~4.5m (Ceiling installation)
1.8~2.5m (Wall installation)
- Working temperature: -10°C ~ +40°C
- Working humidity: <95%RH
- Sense motion speed: 0.6m/s - 1.5m/s

Sensor Information



Function

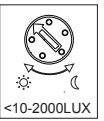
- Identify day and night automatically. Can adjust ambient light according to your desire: when turn to SUN (max), it will work in the daytime and at night. When turn to MOON (min), it will only work under less than 10LUX circumstance. As for Adjustment, please refer to testing way.
- Time-delay is added continually: when it receives the second induction signal after the first inductor, it will compute time once more on the rest

of the first time-delay basic. (Set time)

- Time-delay adjustment: it can be set according to your desire. The minimum is 8±2sec; the maximum is 8±2min.

(1) Light-control setting

Adjust working light. Turn clockwise to increase it and turn anti-clockwise to decrease it. When turn to mini, it will only work below the light-control about 10LUX, when turn to max, it can work any light-control.



(2) Time setting

Adjust time setting of load work. Turn clockwise to increase it and turn anti-clockwise to decrease it. The time setting is about 8±2min when turn to max, and the time setting is about 8±2sec when turn to min.

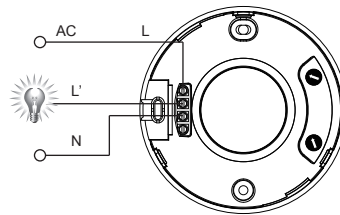


NOTE: When the light be auto off, it will take 1 second before the sensor is ready to detect another movement, that is, only signal detected 1 seconds later can the light be auto-on.

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 Infrared 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.

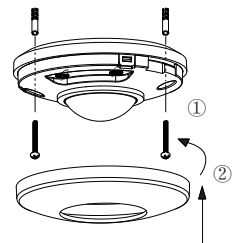
Connection-wire diagram

Connect N, L with power;
Connect N, L' with load.



Installation instruction

NOTE:
Before installing switch off power



Test

- Turn LUX knob clockwise to the maximum (SUN). Turn time knob anti-clockwise to the minimum. Turn sensor knob clockwise to the maximum.
- Power connected, the load controlled will start working and stop working 8±2 seconds later when there is no continual signal detected.
- Once detected, the load works and the indicator on and stops working 8±2 seconds later when there is no continual signal detected. And if signal detected 4 seconds later, the load should start working and the indicator on and stop working 8±2 seconds later when there is no continual signal detected.
- Turns LUX knob anti-clockwise to the minimum. If it is tested under the circumstance above 10LUX, load should not work after induction load stop working; but if you cover the detection window with opaque objects (towel etc), the load works. Under the condition of no induction signals, the load should stop working within 8±2 sec.

This manual is for the current content programming of this product, there are any changes and modifications to the manufacturer without notice! It is strictly forbidden to copy the contents of the instruction manual for any other purpose without the permission of the company.