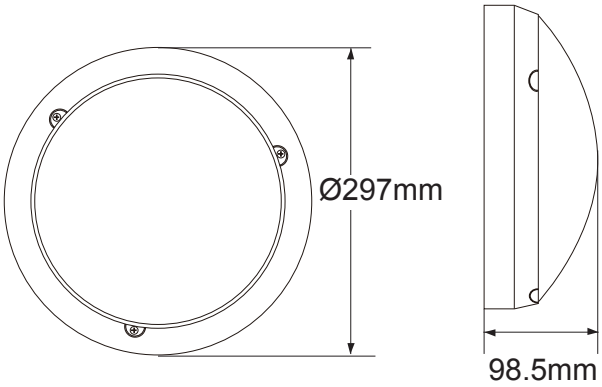
■ Microwave Sensor Lamp
PD-FL2004 instruction



Product size

PRODUCT INFORMATION

Packing list in	Quantity
Microwave Sensor Lamp energy-saving	1X
Φ6 Plastic Expand	4X
3x30 Screw	4X
Φ3 Sealing ring	3X

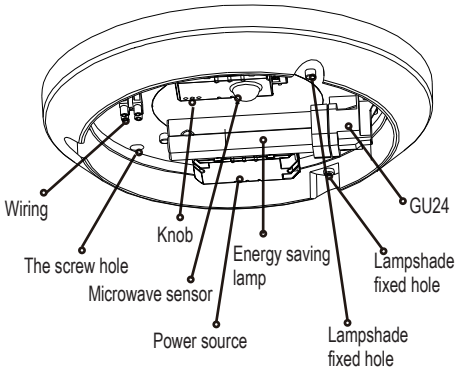
This product have adopted energy-saving light - fluorescent light with a higher power load, and its compact appearance makes it looks elegant with simple features. We can say that It concentrates both advantages of daylight lamp and incandescent lamp for it's features of energy-saving, long lifetime ,small size and good show color. In addition to those, the using of microwave sensor makes the product more human-based and energy-saving and the product can be widely used in indoor and corridor renovation with the high product protection level of IP44.

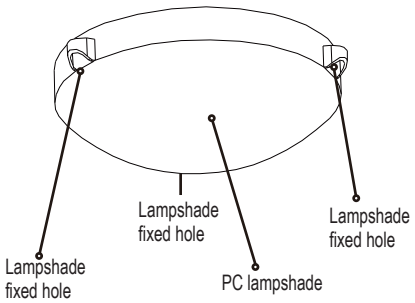
IP44

Use high quality PC lampshade.Strengthen the flexible refraction of light.And its function of anti-ultraviolet makes the shade not easy to turn yellow and be broken.

Always bright technology makes it's lifetime 6 times as long as the ordinary incandescent lamp。

NAME OF EACH PART





SPECIFICATIONS

Power source: 220-240V/AC
Power frequency: 50Hz
HF system: 5.8GHz CW electric wave, ISM wave band
Transmission power: <0.2mW
Rated load: 18W Max.
Detection angle: 360°
Luminous flux: 767 lm
Detection range: 2m; 5m; 8m; 10m(radii) (adjustable)
Time setting: 6s; 1min; 3min; 5min; 10min; 15min (adjustable)
Light-control: <10LUX; 100LUX; 300LUX; 2000LUX (adjustable)
Standby power: <0.9W
Net weight: about 0.858kg
Installation: ceiling mount

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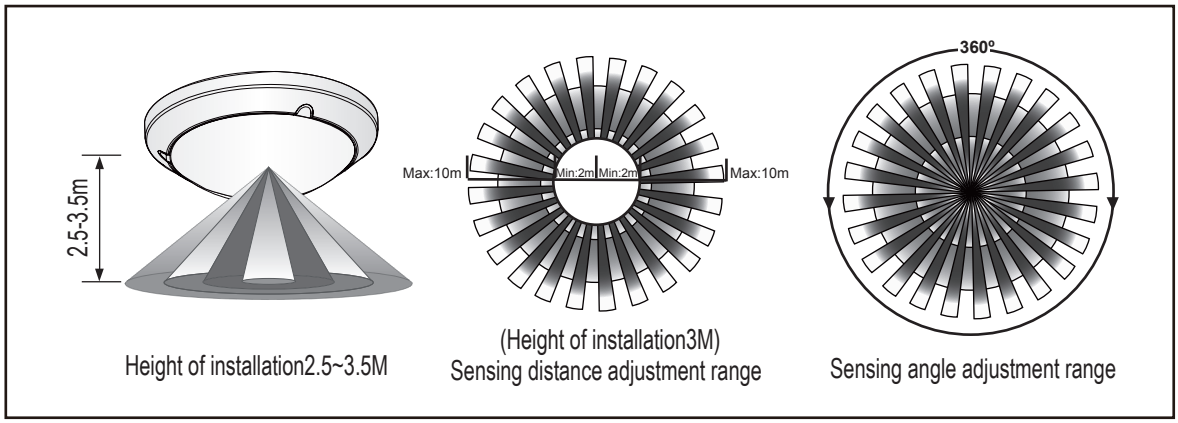
INDUCTION RANGE



PROCEDURE OF INSTALLATION

Warning!

1. Please keep it away from the children.
2. Please avoid fire/high temperature/damp places for installation.
3. Please confirm when shut off the power cord access.

Note:Please bring the following tools

- Step1 Turn off the screw to take down the lampshade (as follow:
  the product should be separated into two parts as A and B)

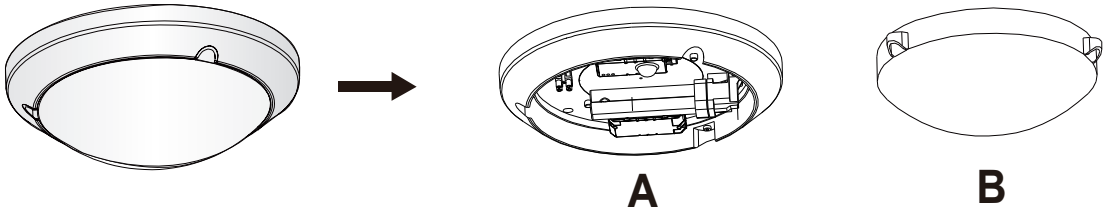


Fig.1

- Step2 Turn the knobs to the ideal conditions (as Fig.2)

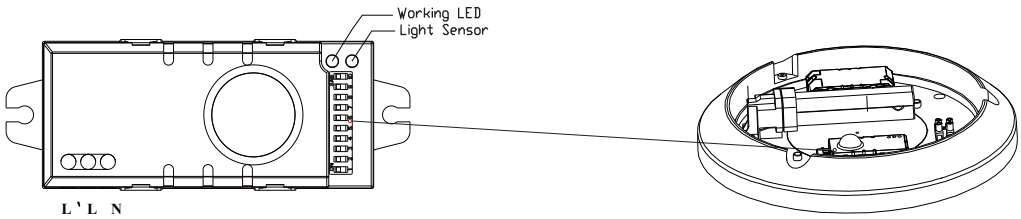


Fig.2

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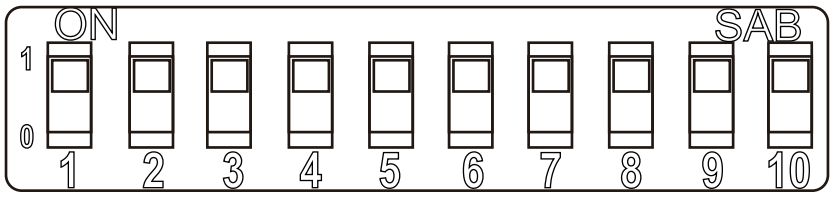
Parameter setting

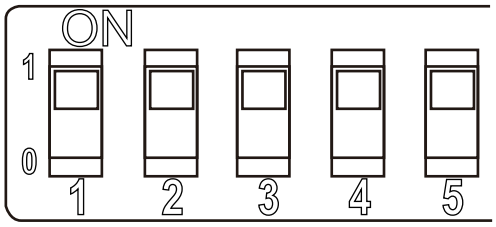
Shown as chart below：By setting the S1, S2 ,S3 ,S4,S5 to set the delay time of products,by setting S6,S7 to set the detection range of products, by setting the S8,S9,S10 to set the light-control of products.



TIME:S1,S2,S3,S4,S5 **SENS:S6,S7** **LUX:S8,S9,S10**

Time setting

The light can be set to stay ON for any period of time between approx. 6sec and a maximum of 15 min. Any movement detected before this time elapse will re-start the timer.It is rec ommended to select the shortest time for adjusting the detection zone and for performing the walk test.Pull switch to the ON position as "1", pull switch to the OFF position as "0", switch location and detection range of the corresponding table is as follows:

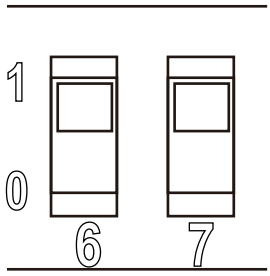


TIME:S1,S2,S3,S4,S5

S1	S2	S3	S4	S5	TIME
0	0	0	0	0	15min
1	0	0	0	0	5min
0	1	0	0	0	3min
0	0	1	0	0	1min
0	0	0	1	0	30s
0	0	0	0	1	6s

Detection range setting (sensitivity)

Detection range is the term used to describe the radii of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of 2.5m, pull switch to the ON position as "1", pull switch to the OFF position as "0", switch location and detection range of the corresponding table is as follows:



SENS:S6,S7

S6	S7	Detection Range
1	1	10m
1	0	8m
0	1	5m
0	0	2m

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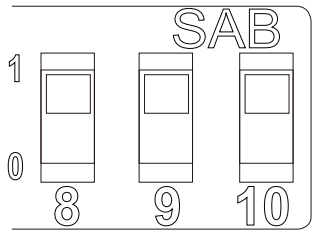
Attention

When use this product, please adjust the sensitivity to an appropriate position you need, please do not adjust the sensitivity to maximum, to avoid the product does not work normally caused by wrong motion.Because the sensitivity is too high easily detect the wrong motion by wind blowing leaves & curtains, small animals, and the wrong motion by interference of power grid & electrical equipment. All those lead the product does not work normally !
When the product does not work normally, please try to lower the sensitivity appropriately, and then test it.

Light-control setting

The chosen light response threshold can be infinitely from approx. 10-2000lux, pull switch to the ON position as "1", pull switch to the OFF position as "0", switch location and detection range of the corresponding table is as follows:



LUX:S8,S9,S10

S8	S9	S10	illuminance
0	0	1	2000LUX
0	1	0	300LUX
1	0	0	100LUX
0	0	0	<10LUX

- Step3 Put the base of the product on the ceiling to make the drilling mark (as Fig.3)
- Step4 Install the product on the place where you marked (as Fig.4)

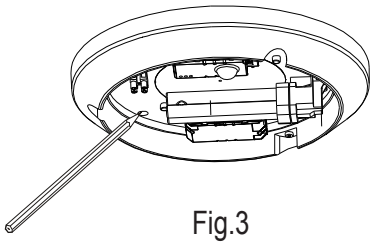


Fig.3

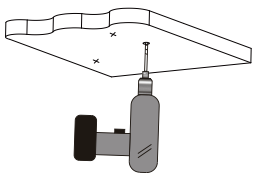


Fig.4

Warning!

When you are drilling ,please make sure you wear glasses and dust masks to prevent the dust fly into the nose and throat causing unnecessary trouble

- Step5 Knock the plastic expansion screw into the hole which you drill (as Fig.5)
- Step6 Put the power line through the line hole to connect on the wiring (as Fig.6)

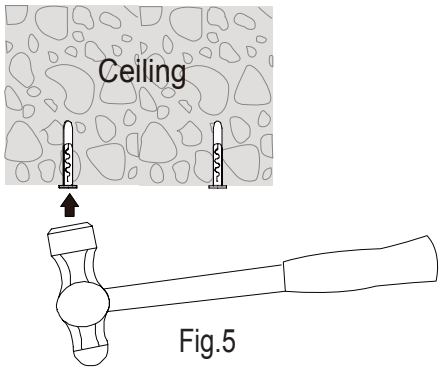
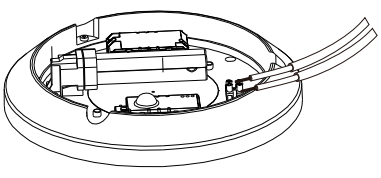


Fig.5



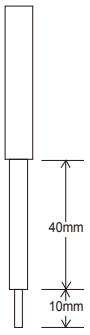


Fig.6

• Step7 Fix the base of the product on the selected place with the screws (as Fig.7)

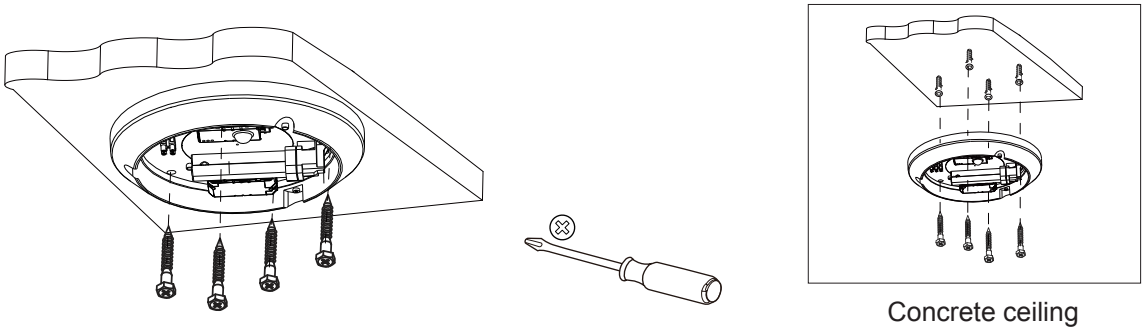


Fig.7

• Step8 Fix the PC lampshade on the base with the screws (as Fig.8)

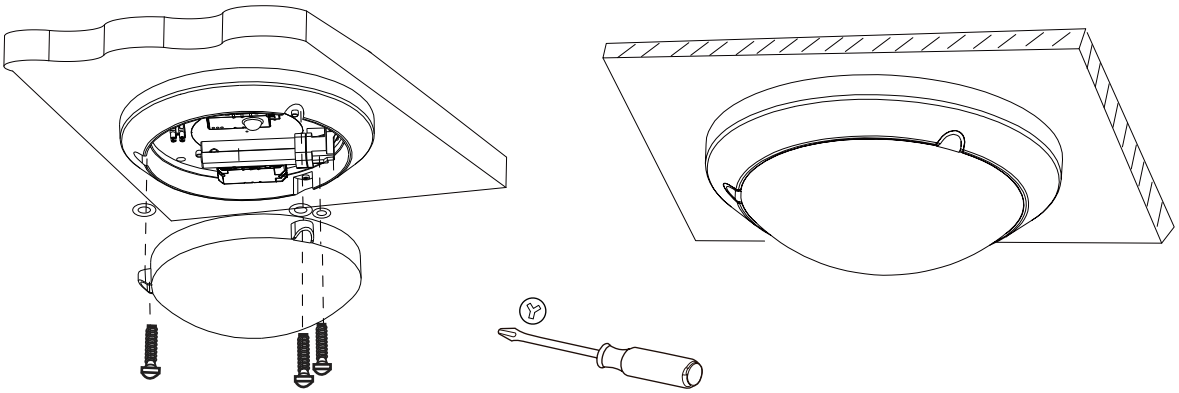


Fig.8

FAULT AND THE SOLUTION

Fault	Failure cause	Solution
Does not work with the load	Light-illumination set incorrectly, the load is broken	Adjust the setting of the load
	The power is off	Change the load
	There is a continuous signal in the region of the detection	Turn the power on
Work all the time with the load	The sensor have not been installed correctly	Check the settings of the detection area
When there is no a moving signal work with the load	Sensors failed to pack good cause its cannot reliably detect signal	Re-install the outer covering
	Moving signal is detected by the sensor (movement behind the wall, the movement of small objects, etc.)	Check the settings of the detection area
When there is a moving signal work with the load	The moving body is too fast or the detection area is too small	Check the settings of the detection area

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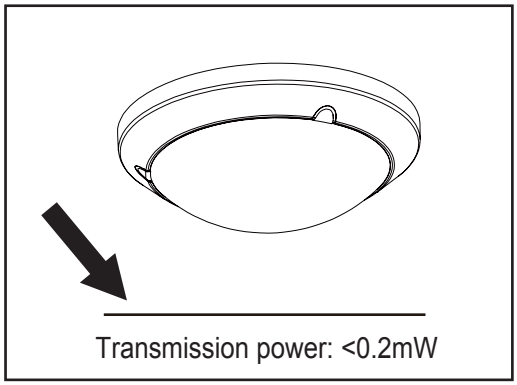
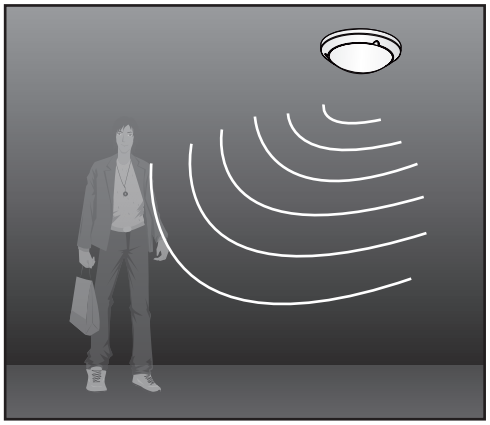
NOTE: the high-frequency output of this sensor is <0.2mW- that is just one 5000th of the transmission power of a mobile phone or the output of a microwave oven.





Induction of human movement

Since entering lighting condition

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⚠ Warning!

Please confirm with profession installation.
Please cut off power supply before installation and removal operations.
Make sure that you have cut off the power for safety purposes.
Improper operation caused losses, the manufacturer does not undertake any responsibility.

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