

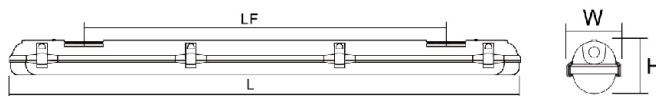
IP65-15W Microwave Sensor Lamp Instruction



Product size

L:664mm W:90mm H:90mm

LF:350MM



Packing list in	Ceiling Mount Lamp LEDS 48PCS	Φ6 Plastic expansion	4x30 Screw	Metal hook	Metal buckle	Seal ring
Quantity	1X	2X	2X	2X	2X	2X

IP 65

Summary

This is a microwave sensor switches controlled LED lights, the microwave sensor was built into the lamp, it has 48pcs high brightness LEDs inside, with total power of 15 watts, the microwave sensor switch is a new type automatic switch that comes after voice switch, and infrared sensor switch. The detection way has the below advantages compared with other as follows: 1. non-contact detection, 2. Suitable for bad environment, immune to temperature, humidity, noise, air, dust, light... 3. RF interference ability, 4. Transmission power only 0.2 mW, It will not harm the human body. Simple installation+ easy wiring. We adopt this sensitive advanced sensor switches in lighting control, enabling the light to turn on automatically when one comes, automatically turn off when one goes out. It is widely applied in the subway station, tunnel and so forth. The built-in microwave sensor switch can penetrate plastic, glass, wood. So it can be installed in glass or plastic shell lamp. This allows the application of microwave sensor switch in different styles of lights for energy control. Now, we can provide a variety of microwave sensor LED lamps to meet the needs of different people with different preferences.



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.



LED lamps than incandescent bulbs
provision electricity 80%; fluorescent
lamps provision electricity than 50%

Specifications

Power source: 100-240V/AC

Power frequency: 50/60Hz

Rated load: 15W Max.

HF system: 5.8GHz CW electric wave, ISM wave band

Transmission power: <0.2mW

Time setting: 8sec to 12min (adjustable)

Detection range: 1-8m (radii.) (adjustable)

Light-control: 10-2000LUX (adjustable)

Standby power: <0.9W

Detection angle: 360°

Luminous flux: 1350lm

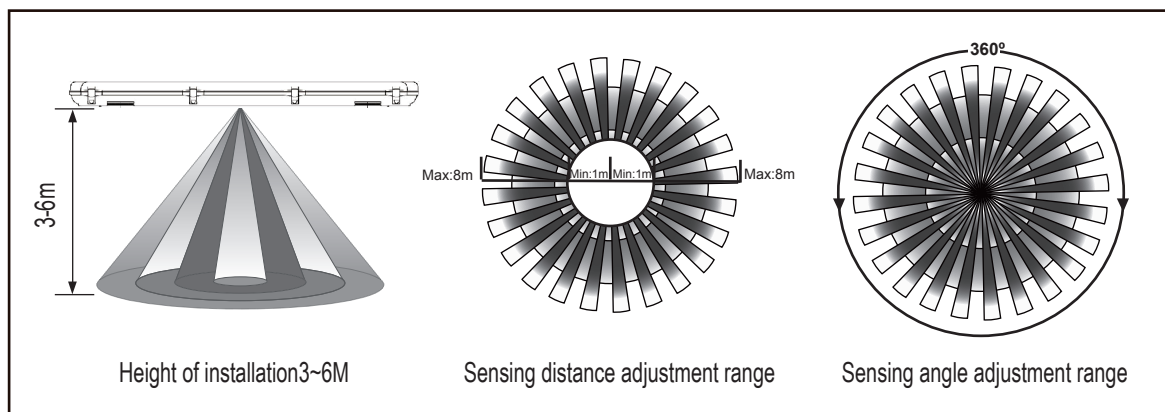
Installation height: 3-6m (ceiling mount)

Lamp part

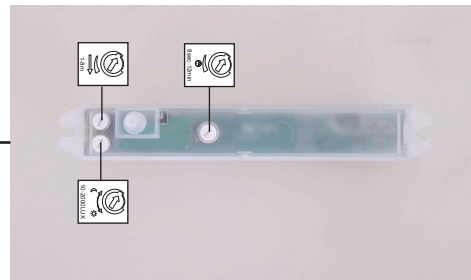
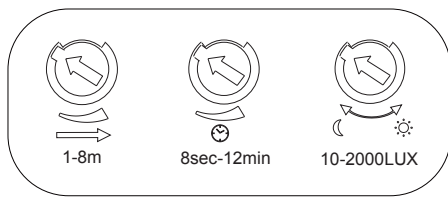
LED quantity: 48PCS

LED specifications: T5630

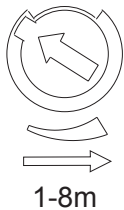
Sensor information



Turn the knobs to the ideal conditions



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, turn the detection range control fully anti-clockwise to select minimum detection range(approx.1m radii), and fully clockwise to select maximum detection range(approx. 8m radii).

NOTE: the above detection range is gained in the case of a person who is between 1.6m~1.7m tall with middle figure and moves at a speed of 1.0~1.5m/sec. if person's stature, figure and moving speed change, the detection range will also change.

In different cases, the sensitivity of the lights has certain deviation.

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.

Time setting



8sec-12min

The light can be set to stay ON for any period of time between approx. 8sec(turn fully anti-clockwise) and a maximum of 12min(turn fully clockwise). Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.

NOTE: After the light switches OFF, it takes approx. 1sec before it is able to start detecting movement again. The light will only switch on in response to movement once this period has elapsed.

Light-control setting

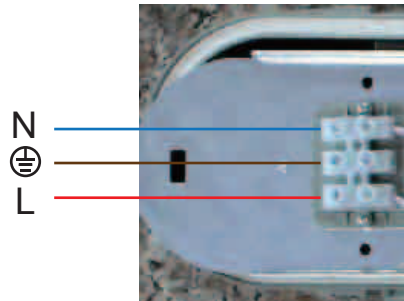


10-2000LUX

The chosen light response threshold can be infinitely from approx. 10-2000lux. Turn it fully anti-clockwise to select dusk- to-dawn operation at about 10 lux. Turn it fully clockwise to select daylight operation at about 2000lux. The knob must be turned fully clockwise when adjusting the detection zone and performing the walk test in daylight.

Note: Please don't adjust the three functional buttons to excess. That is because the three functional buttons were connected to the components directly, there is a small stopper in each of the three components, when you adjust the buttons from start to end, the excessive turn will damage the stopper, and lead to the 360°non-stop turn around. The adjust range limit is 270°, please do pay attention to this.

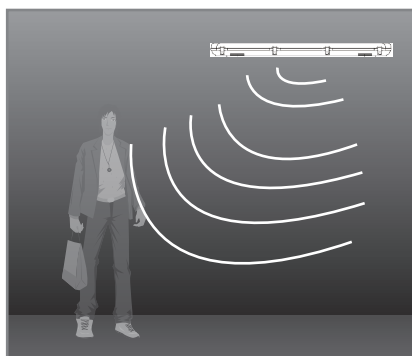
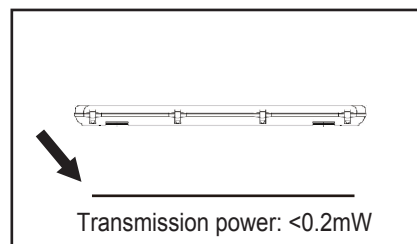
Connection-wire digram



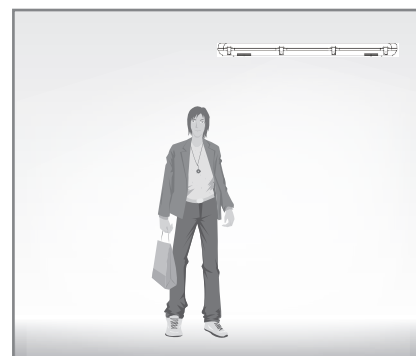
Fault and the solution

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

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.



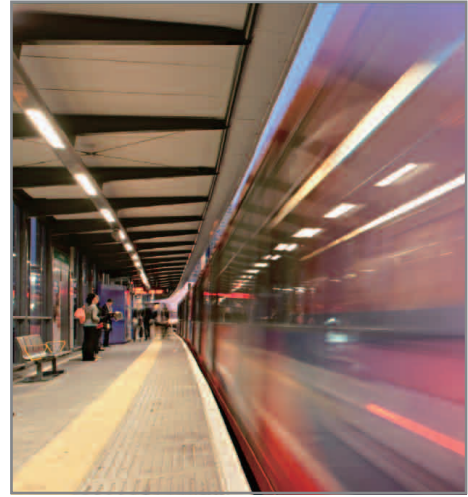
Induction of human movement



Since entering lighting condition



Application



Warning!

- 1.The LEDS in serial can function when all the seals installed in place.
- 2.Please don't remove or connect with other lamp when powered on.
- 3.When the LEDS in serial are damaged ,you need experienced technician to repair using the same rating LEDS.

- Please confirm with profession installation.
- For safety purposes, please cut off power before installation and removal operations.
- Improper operation caused losses, the manufacturer does not undertake any responsibility.

We are committed to promoting the product quality and reliability, however, all the electronic components have certain probabilities to become ineffective, which will cause some troubles. When designing, we have paid attention to redundant designs and adopted safety quota to avoid any troubles.

This instruction, without our permission, should not be copied for any other purposes.