



Microwave Sensor Light Instruction



PD-LED2046GS

IP 65

Packing list in	Quantity
Microwave Sensor Light	1X
 $\phi 6$ Plastic Expansion	4X
 4x30 Screw	4X
Instruction	1X

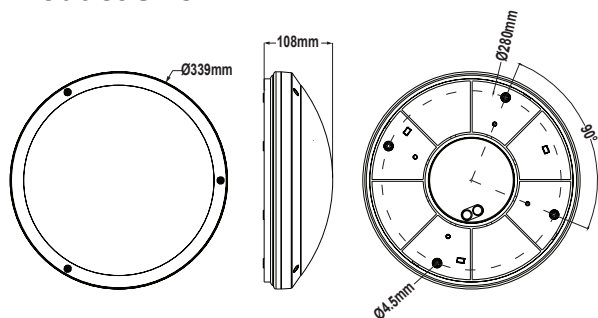


LED lamp consumes power 80% less than incandescent lamp and 50% less than fluorescent lamp.



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.

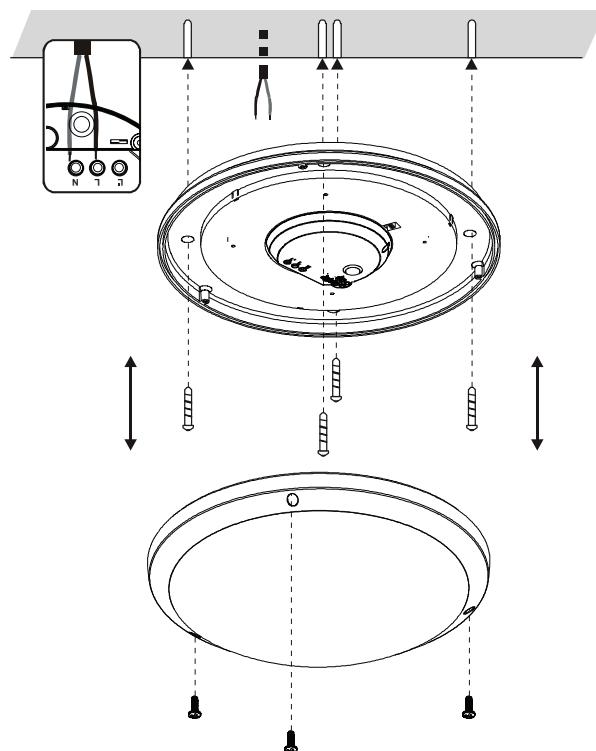
Product size



100-250V~

72 x LED(2835), 18W

Ø339 x 108 mm



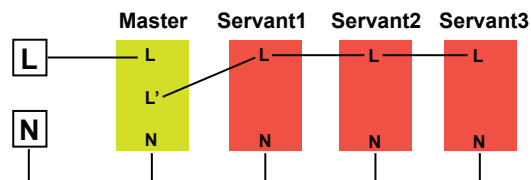
About the "L'":

Our lamp have **synchronization function**, also can call them **"master and servant"** function.

"**Master**" is with sensor's lamp, "**Servant**" is without sensor's lamp. When the "**Master**" lamp turn on, the "**Servant**" will follow turn on. When the "**Master**" lamp turn off, the "**Servant**" will follow turn off.

If you need this function, connecting method is that:

N is for master and servant (N parallel), L is for master, L' is for servant.



The total power can not exceed 1200W

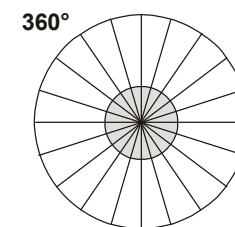
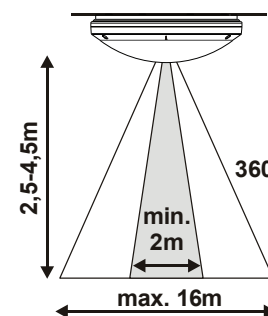
SENS



min. 1m
(radii.)



max. 8m
(radii.)



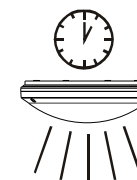
TIME



min.
8 sec.



max.
12 min.



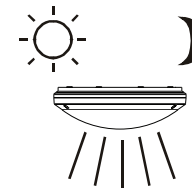
LUX



min.
10 lux



max.
1000 lux



HF sensor
<0,2mW

Summary

This is a microwave sensor switches controlled LED lights,the microwave sensor was built into the light ,it has 72pcs high brightness LEDs inside ,with total power of 18 watts. When light on, the luminous flux will be more than 1050 lm, 60 watt incandescent lamp(≈400lm) and the life exceeds 50,000 hours. 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 In addition to the widely usage in the aisle stairs ,living room and bedrooms , it also can be installed in the bathroom.

Specification

Power source: 100-250V/AC

Power frequency: 50/60Hz

Rated load: 18W 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: 10-1000LUX(adjustable)

Detection angle: 360°

Standby power: <0.5W

Installation height: 2.5-4.5m

(ceiling mount)

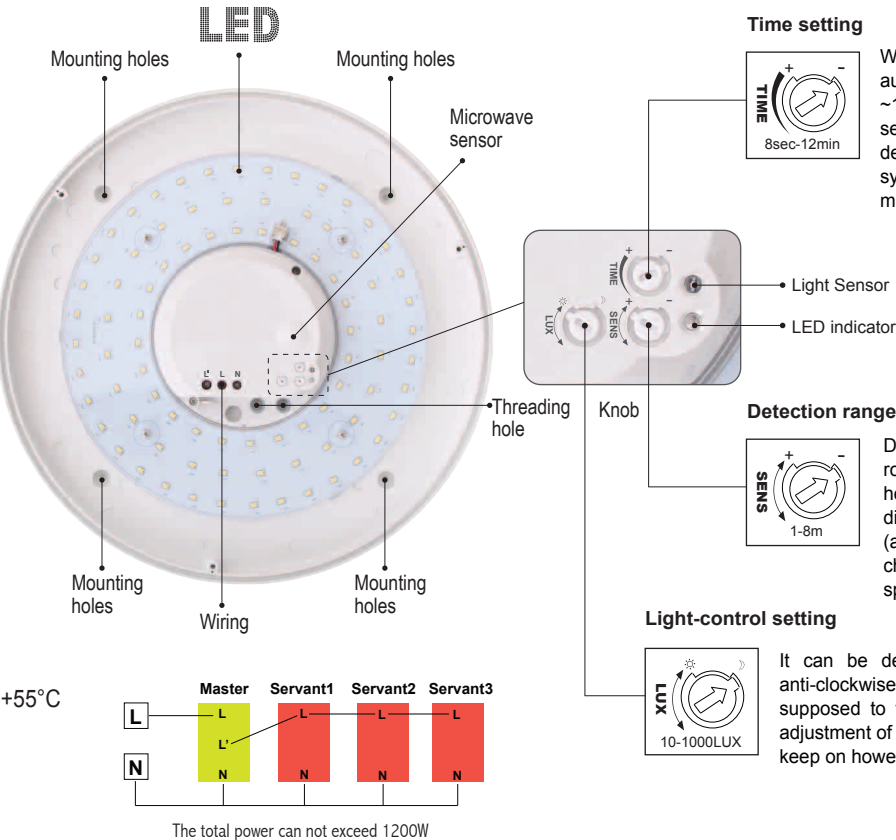
Luminous flux: 1050lm

Working temperature: -10°C~+55°C

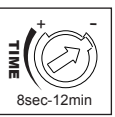
LED quanlity: 72PCS

LED specifications: 2835

Lights and lanterns base:



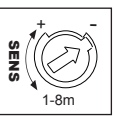
Time setting



When motion signal detected, the LED lamp controlled be auto on. And if there is no signal during the delay time (8s ~12min), it be auto off and you're expected to wait for 4 seconds before the next detection. And any motion signal detected during the customer-defined time will lead the system re-compute the time. It is suggested you choose the minimum time during test to save energy & time.

Light Sensor
LED indicator

Detection range setting



Detection range is the term used to describe the radii of the roughly circle casting on the ground when installed at the height of 2.5 m. To turn fully anti-clockwise is the minimum distance (approx. 1m), fully clockwise is the maximum distance (approx. 8m). If person's stature, figure and moving speed change, the detection will also change, that is, the higher speed will lead to the shorter detection distance.

Light-control setting



It can be defined in the range of 10~1000 LUX. To turn fully anti-clockwise is about 10 lux, fully clockwise is about 1000 lux. You are supposed to turn fully clockwise during the daytime walking test or adjustment of detection range, in this case, the LED lamp controlled will keep on however the ambient light is.

Fault and the solution

Fault	Failure cause	Solution
The load fails to work.	Light-illumination is set incorrectly.	Adjust the setting of the load.
	The load is broken.	Change the load.
	The power is off.	Turn the power on.
The load works all the time.	There is a continuous signal in the region of the detection.	Check the settings of the detection area.
The load works when there is no motion signal detected.	The lamp isn't installed well so that sensor fails to detect reliable signals.	Re-adjust the installation place.
	Moving signal is detected by the sensor (movement behind the wall, the movement of small objects, etc.)	Check the settings of the detection area.
The load fails to work when there is motion signal detected.	The motion speed is too fast or the defined detection area is too small.	Check the settings of the detection area.



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.
- 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.

