



Microwave Sensor Light Instruction



PD-2039GS

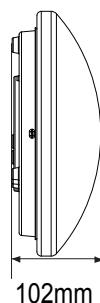
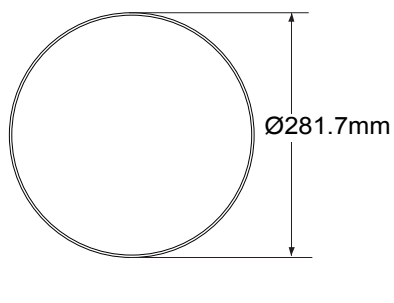
Packing list in	Quantity
Microwave Sensor Light	1X
 $\phi 6$ Plastic Expansion	3X
 3x30 Screw	3X
Instruction	1X

IP 20



Use high quality White frosted glass chimney. 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



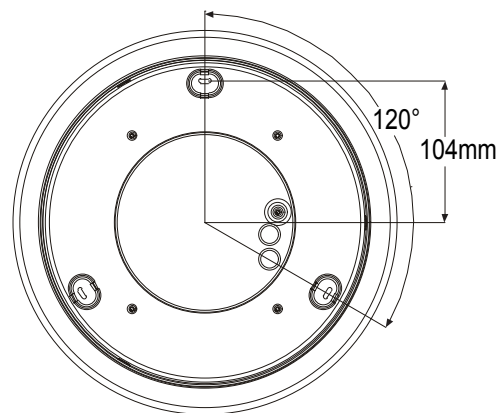
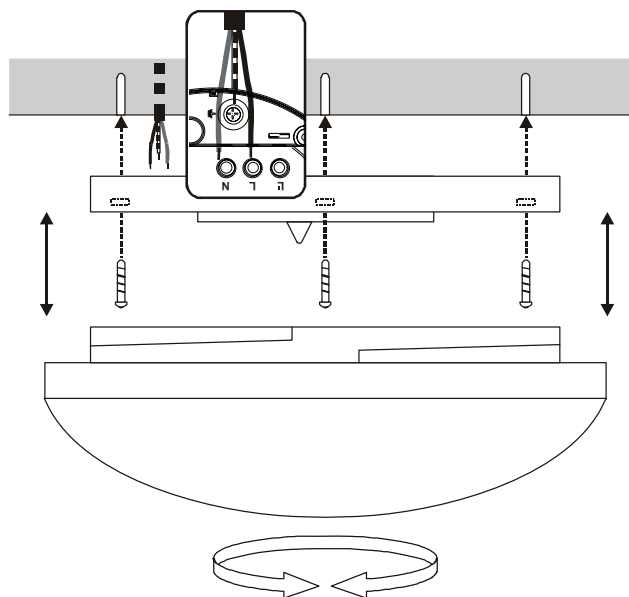
100-250V~



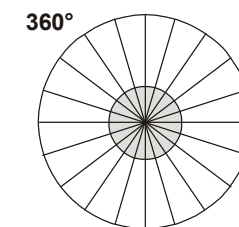
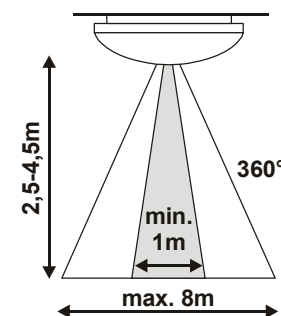
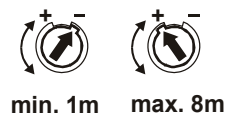
72 x LED(2835), 18W

Ø281.7 x 102 mm

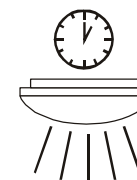
1,63 kg



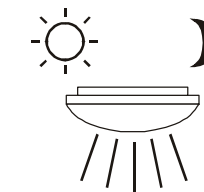
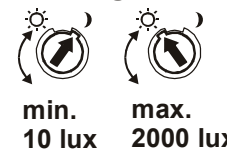
SENS



TIME



LUX



HF sensor
<0,3mW

Summary

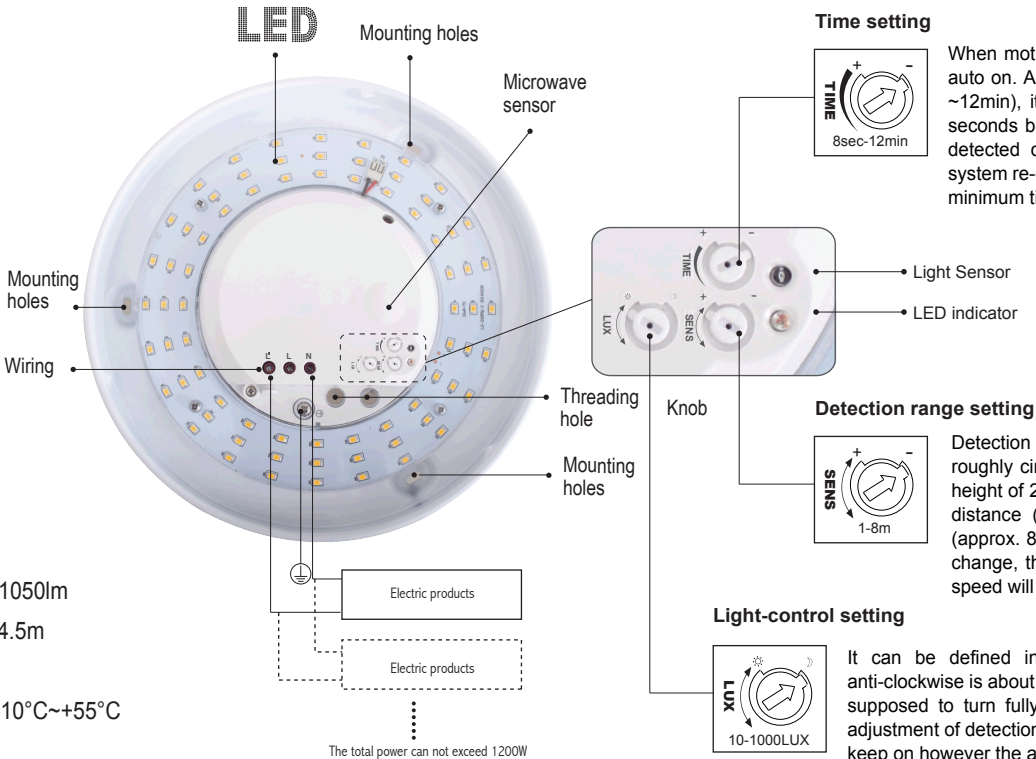
This is a microwave sensor switches controlled LED lights,the microwave sensor was built into the light ,it has 72pcs high brightness LEDs inside ,with total power of 18 watts. When light on, the luminous flux will be more than 900 lm, equivalent to that of 60 watt incandescent lamp(≈ 400lm) and the 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.

In order to be convenient for the fixing, adjusting and production, after being charged with electricity for the first time, the time delay of the induction will be 3 seconds for the first three times, after then, the sensor will go into normal operating mode (the exact time delay value should take the potentiometer as the standard).

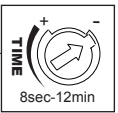
Specification

Power source: 100-250V/AC	Standby power: <0.5W
Power frequency: 50/60Hz	Detection angle: 360°
Rated load: 18W Max.	Luminous flux: 950lm--1050lm
PF:0.92--0.95	Installation height: 2.5-4.5m
HF system: 5.8GHz CW electric wave,	(ceiling mount)
ISM wave band	Working temperature: -10°C~+55°C
Time setting: 8sec to 12min (adjustable)	Lamp part
Detection range: 1-8m (radii.)(adjustable)	LED quantity: 0.3Wx72PCS
Light-control: 10-1000LUX(adjustable)	LED specifications: 2835

Lights and lanterns base:

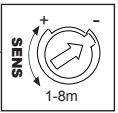


Time setting



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.

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 (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.
 - 4.In order to convenient installation and production,after first put on electrickt,first three times detection delay will be 3 seconds,then enter to normal mode(the specific delay time subject to potentiometer)
- 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.

