



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 switchs 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 Power frequency: 50/60Hz Rated load: 18W Max. PF:0.92--0.95 HF system: 5.8GHz CW electric wave, ISM wave band Time setting: 8sec to 12min (adjustable) Detection range: 1-8m (radii.)(adjustable) LED quanlity: 0.3Wx72PCS Light-control: 10-1000LUX(adjustable)

Fault and the solution

Standby power: <0.5W Detection angle: 360° Luminous flux: 950lm--1050lm Installation height: 2.5-4.5m (ceiling mount) Working temperature: -10°C~+55°C Lamp part LED specifications: 2835

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

Lights and lanterns base:



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.

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

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.

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 electrict.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.

