

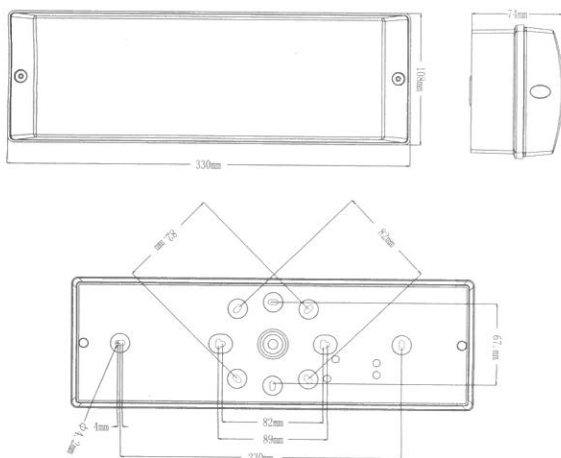


## LX-330S

Packing list in	Quantity
Digital intelligent microwave sensor LED lights	1X
LEDS 48PCS	
Φ6 Plastic expansion	2X
3x30 Screw	2X
Instructions	1X

**IP 65**

## Product size



## Specifications

Power source: 110-130V/AC 220-240V/AC  
 Power frequency: 50/60Hz  
 Rated load: 5/10W Max.  
 Brightness Percentage Enter/Exit function

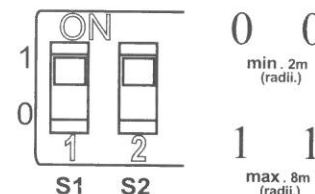
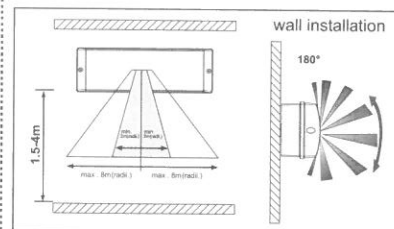
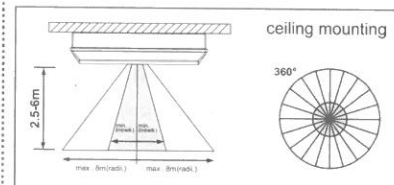
Detection range: 2m-4m-6m-8m(radii.) (adjustable)  
 Time setting: 10sec/2min/6min/12min (adjustable)  
 Light-control:10-50-150-2000Lux(adjustable)  
 Standby power: <0.9W Detection angle: 360°  
 Luminous flux: 450 lm (5W) 900 lm (10W)  
 LED quantity: 48PCS(T2835)

Material: Boden:PC Lampshade:PC  
 Working temperature: -10°C ~ +40°C  
 Protection: IP65  
 Working humidity: <95%RH  
 Installation height: 1.5-4m (wall installation)  
 2.5-6m (ceiling mounting)

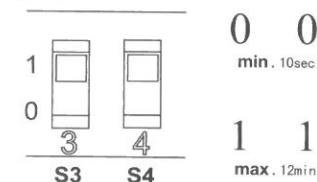
## Summary

As a modern illuminant, LED has become a development trend in the lighting industry due to the characteristics of high efficiency, long life expectancy and relatively low energy consumption. How to use it reasonably and efficiency is the key issue in the lighting industry. LX-330S is a microwave sensor switches controlled LED lights,with the extra function of power supply in emergency. the microwave sensor was built into the light ,it has 48pcs high brightness LEDs inside ,with total power of 5/10 watts. The reasonable LED layout makes a homogeneous heat flow and achieves the most optimized luminous efficiency.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's a very ideal substitute as an energy-saving illuminant.The light IP rating is IP65, it's good waterproof product and can be widely installed in the outdoor.

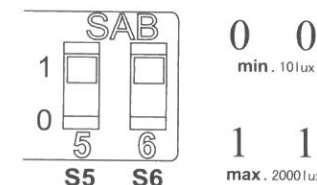
### SENS:



### TIME:

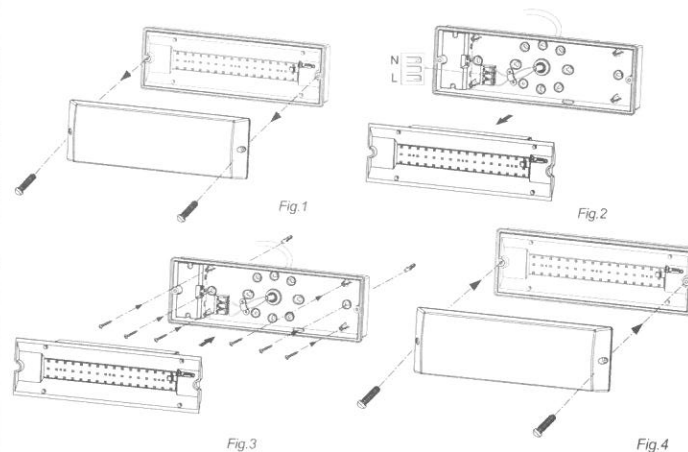


### LUX:



## Procedure of installation

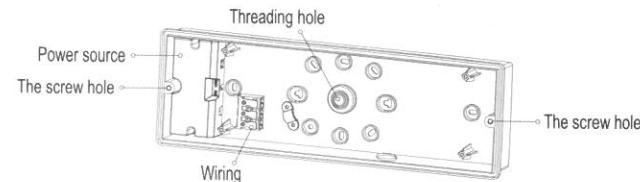
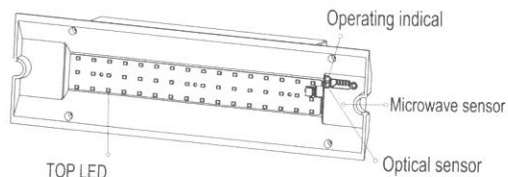
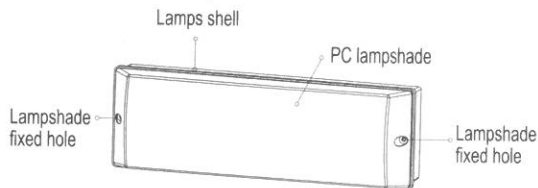
- Step1 Remove the lampshade and the LED board before you install the lamp.(as Fig.1)
- Step2 Mark the hole position with a pencil after determining where you want to install the product.  
 Note:If it is a wooden wall,there is no need to use plastic expansion screw,just fasten the screw with the screwdriver.
- Step3 Drill holes on the walls where there is pencil mark with an electric drill and get the plastic expansion inside the hole.
- Step4 Connect the cable to the lamp through the cable entry openings.(as Fig.2)
- Step5 If it is a wooden wall,there is no need to use plastic expansion, just drive the screw with the screwdriver.
- Step6 Set the LED board on the base and adjust the DIP switch.(as Fig.3)
- Step7 Fasten the cover to the lamp base which has been installed on the wall.(as Fig.4)



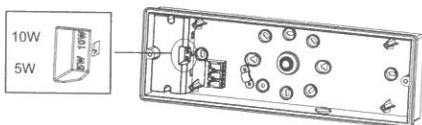
**Warning!**

1. Please keep it away from the children when installation.
2. Please avoid to be installed where the temperature is high.
3. Please cut off the power before installation.

## The names of each part



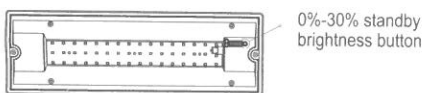
## AC selector switch



Alternating current can be adjusted on the two parameters of 5 and 10 watts, and when the switch is set to 5 watts, the lumming value is 450lm, and when the switch is set to 10 watts, the lumming value is 900lm.

## 0% - 30% standby brightness mode

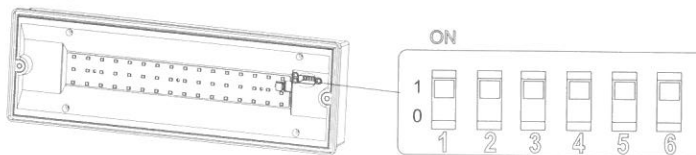
When the ambient light is less than 60lux, the system starts dimming mode. If there is no signal detected during the delay time, it will enter the percentage lighting. Once signal detected, it recovers to 100% lighting. It will auto exit dimming mode, when the ambient light is over 100 lux. The dimming mode works digitally and independently.



**0%-30% standby brightness button:** Brightness can through the button to adjust 0% / 10% / 20% / 30% four standby brightness, the default standby brightness is 0%, in time for the first time enter standby 10% brightness, each time you press the standby brightness sequentially, to 30% after the standby brightness according to restore to 0% standby brightness is again, in accordance with the law circle.

## Setting manner one:DIP switch

As below shown, by S1,S2 to set the detection range, S3,S4 the delay time, S5,S6 the light-control value. It may take times to adjust values before they satisfy your need.



### (1)Detection range setting (sensitivity)

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 set the switch to ON is "1", to OFF is "0". Read through the right shown the corresponding table of the switch position to the detection range.

S1	S2	Detection range
0	0	2m(radius)
0	1	4m(radius)
1	0	6m(radius)
1	1	8m(radius)

**Notice:** when using this product, please adjust the sensitivity (detection range) to an appropriate value but the maximum to avoid the abnormal reaction caused by the easy detection of the wrong motion by the blowing leaves & curtains, small animals or the interference of power grid & electrical equipment. All the above mentioned will lead to the error reaction. When the product does not work normally, please try to lower the sensitivity appropriately, and then test it. Human movement will cause the sensor induction,so when you under the function testing,please leave the induction region and don't make movement to prevent the sensor continuous work.

### (2)Time setting

It can be defined from 10 seconds to 12minute. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection range and for performing the walk test. To set the switch to ON is "1", to OFF is "0".

Read through the right shown the corresponding table of the switch position to the delay time.

It is mainly for the adjustment of the delay time from the moment the signal detected and light auto-on till the light auto-off. You can define the delay time to your practical need. But you'd better lower the delay time for the sake of energy saving, since the microwave sensor has the function of continuous sensing, that is, any movement detected before the delay time elapses will re-start the timer and the light will keep on only if there is human in the detection range.

S3	S4	Time setting
0	0	10sec
0	1	2min
1	0	6min
1	1	12min

### (3)Light-control setting

It can be defined in the range of 10-2000 LUX. To set the switch to ON is "1", to OFF is "0". Read through the right shown the corresponding table of the switch position to the light-control value.

S5	S6	Light-control
0	0	10LUX
0	1	50LUX
1	0	150LUX
1	1	2000LUX

**Warning!** The following situations will lead to error reaction.

- Being installed on the rocking object will lead to error reaction.
  - The shaking curtain blown by wind will lead to error reaction. Please select the suitable place to install.
  - Being installed where the traffic is busy will lead to error reaction.
  - The sparks produced by some equipment nearby will lead to error reaction.
- Please confirm with professional installation.
  - For safety purposes, please cut off power before installation and removal operations.
  - Any losses caused by improper operation, the manufacturer does not undertake any responsibility.

Parts	LX-330S	Battery parts(Options)	Zigbee(Options)	Funtions	Solar Panels (Options)
<b>Model</b>					
LX-330SD	✓	✓		Microwave detection control LED lamp,and plus Battery backup for emergency function.When there is blackout,the lamp have battery to support power.	You can choose Solar panel to save energy and environmental protection.
LX-330S-Z	✓		✓	Microwave detection control LED lamp,and plus zigbee module,can divided one area's lighting to be control by one master or several masters.To achieve LED lighting centralized control and group control's function.	
LX-330SD-Z	✓	✓	✓	Microwave detection control LED lamp,and plus zigbee module and battery backup for emergency use and achieve LED lighting centralized control and group control's function.	You can choose Solar panel to save energy and environmental protection.

•Installation zigbee module please under professional engineer's instructions.

Fault	Failure cause	Solution
The load fails to work.	Light-illumination is set incorrectly. The load is broken. The power is off.	Adjust the setting of the load. Change the load. 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. Moving signal is detected by the sensor (movement behind the wall, the movement of small objects, etc.)	Re-adjust the installation place. 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.