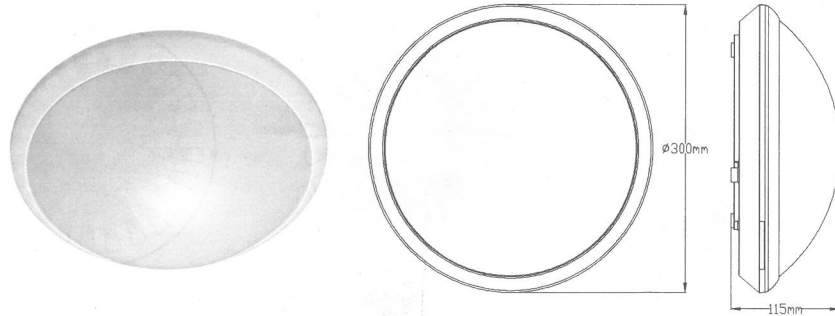


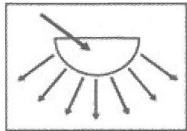
# 705C Microwave LED Sensor Lamp



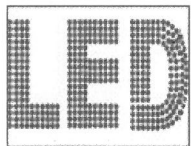
## Instruction

### Welcome to use 705C Microwave LED Sensor Lamp!

The product adopts microwave LED sensor mould with high-frequency electro-magnetic wave (5.8GHz) and integrated circuit, SMD LED. It gathers automatism, convenience, safety, saving-energy and practical functions. The wide detection field is consisting of detectors. It works by receiving human motion. When one enters the detection field, it can start the load at once and identify automatically day and night. Its installation is very convenient and its application is very wide. Detection is possible to go through doors, panes of glass or thin walls.



High quality PC lampshade strengthens the flexible refraction of light. And its function of anti-ultraviolet makes the shade not easy to turn yellow and be broken.



LED lamps conserve energy better, about 80% than incandescent bulbs, 50% than fluorescent lamps.

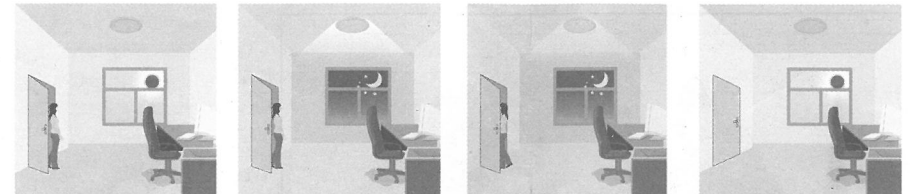
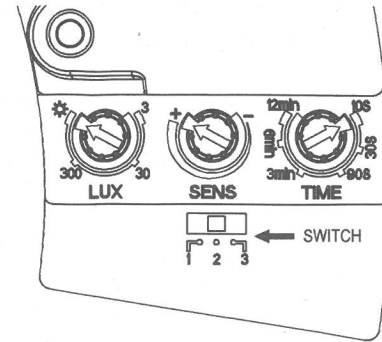
### SPECIFICATION:

Power Source: 220 -240V/AC  
 Power Frequency: 50/60Hz  
 Ambient Light: <3-2000LUX (adjustable)  
 Time Delay: Min. 10sec±3sec  
                   Max. 12min±1min  
 Rated Load: 16W (98PCS LED)  
 Detection Motion Speed: 0.6-1.5m/s

Detection Range: 360°  
 Detection Distance: 1-8m (radius) adjustable  
 HF System: 5.8GHz CW radar, ISM band  
 Transmission Power: <0.2mW  
 Installation Height: 2-4m  
 Power Consumption: approx 0.9W

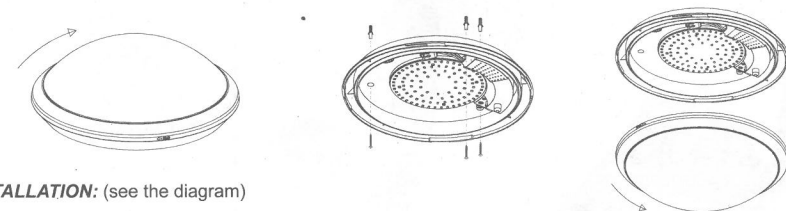
### FUNCTION:

- **LUX knob:** when it is adjusted to the "sun" position (max), it can work both in the daytime and at night. When it is adjusted to the minimum, it can work in the ambient light less than 3LUX .
- **SENS knob:** It can be adjusted according to using location. The detection distance of low sensitivity could be only 2m and high sensitivity could be 16m which fits for large room.
- **Time knob:** It can be set according to the consumer's desire. The minimum time is 10sec±3sec. The maximum is 12min±1min. When it receives the second induction signal within the first induction, it will restart to time from the moment.
- **"1"switch:** When the power is on, push the switch button to "1", if receiving induction signals, the lamp will be turned on and brighten slowly, until its 100% working state. After 5 seconds without receiving any new induction signal, the lamp will go out slowly, until it is completely off. This function can care for people's eyes.
- **"2"switch:** When the power is on, push the switch button to "2", as someone enters the room, with sufficient light, the lamp will not switch on, but if with insufficient light, the lamp will be turned on in 100% working state, and after people leave the room, when the set time-delay finishes, the lamp will be reduced to 10% working state. When the ambient light is more than 100LUX, without receiving any induction signal, the lamp will automatically be off in 30 seconds.



With sufficient light, the lamp does not switch on when someone enters the room.  
 With insufficient light, the lamp will be on 100% when someone enters the room.  
 After people leave the room, when the set time-delay finishes, the lamp will be reduced to 10% light.  
 When the ambient light is more than 100LUX, without receiving induction signals, the lamp will automatically be off in 30s

- **"3"switch:** When the power is on, push the switch button to "3", the lamp first enters sensor mode, cut off the power, then at once switch power on again, the lamp can be changed to the status of being lighting 4hours. After 4hours, the sensor mode restarts to function.

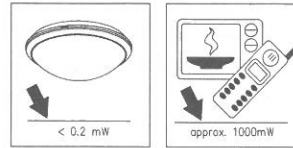


### INSTALLATION: (see the diagram)

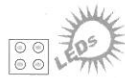
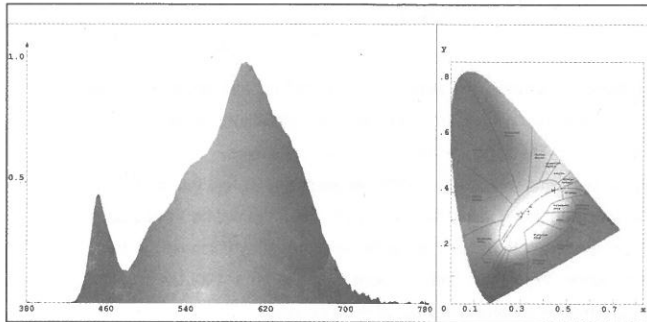
- Switch off the power.
- Unload the plastic cover clockwise to open it.

- Put the wires through the rubber bands on the base, and connect the wire with terminal according to connection-wire diagram.
- Fix the base on the ceiling through the three holes with enclosed inflated screws.
- Switch power on and then test it.

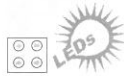
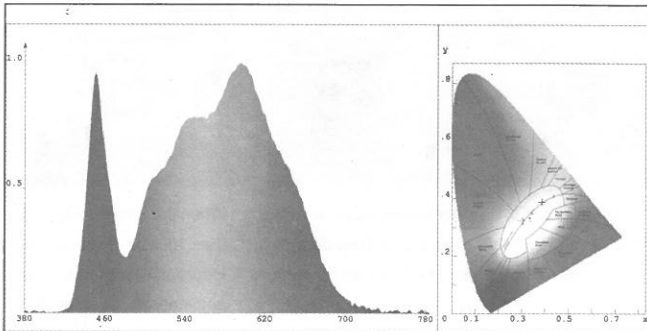
**NOTE:** the high-frequency output of the HF sensor is <math><0.2\text{mW}</math> that is just one 5000<sup>th</sup> of the transmission power of a mobile phone or the output of a microwave oven, the baby can't touch it.



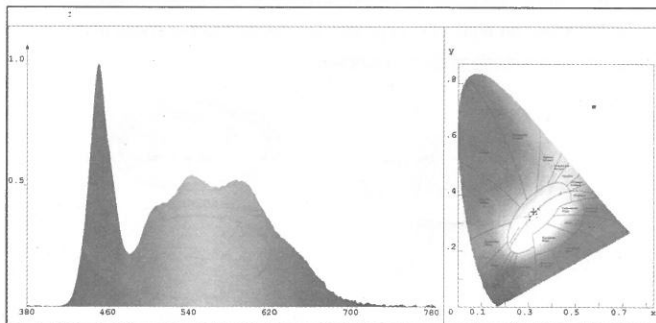
**SPECTROGRAM:**



1100LM(warm white)

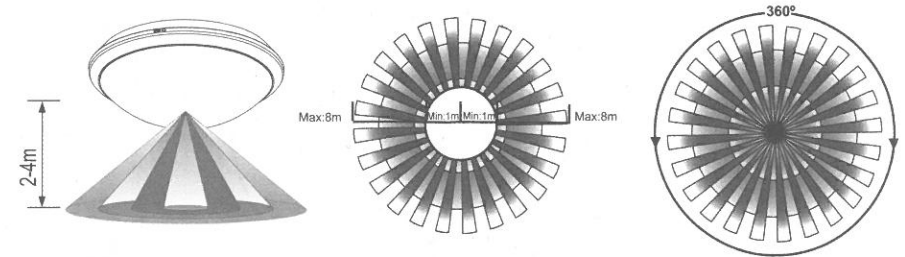


1200LM(nature white)



1300LM(cold white)

**SENSOR INFORMATION:**

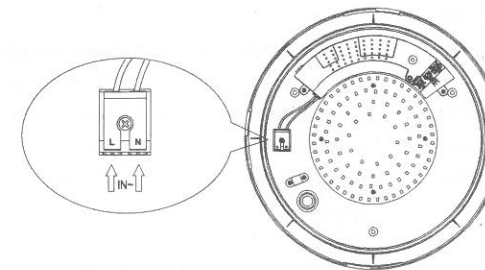


Height of installation 2-4m

Detection Distance: 1-8m (radius)

Detection Range: 360°

**CONNECTION-WIRE DIAGRAM:**



**NOTES:**

- Only Electrician or experienced personnel is allowed to install it.
- Do not install it on the uneven and shaky surface.
- In front of the sensor, there shouldn't be any obstructive object that will affect detection.
- Avoid installing it near the metal or glass which may affect the sensor.
- For your safety, please don't open the lamp if you find hitch after installation.

**TROUBLESHOOTING:**

- The load doesn't work:
  - Check the power and the load.
  - Please check if the working voltage corresponds to the power source.
- The sensitivity is poor:
  - Please check if in front of the sensor there shouldn't be obstructive object that affect to receive the signals.
  - Please check if the signal source is in the detection field.
  - Please check the installation height.
- The sensor can't shut off the load automatically:
  - If there are continual signals within the detection field.
  - If the time delay is set to the maximum position.