

SensLights Model Specification	SLL 1436A Wall Mount Sensor
Power Supply	AC 100V~240V
Power Frequency	50 ~ 60Hz
Rated Load	3000 W (AC 100V~240V) incandescent bulb (resister-load) or 800W fluourescent load
Ambient Light	< 10 LUX ~ Sunshine (Adjustable)
Sensing Angle	180 degrees
Sensing Distance	24° C < 15 meters
Time Delay	10 sec~ 6.Min to 9Min Max
Work Temperature	-20 ~ +50 °C
Power Consumption	0. 45 w (working) 0.1 1W (static)
Installation Height	1.5 M ~ 3.5 M
Weight	180g
Detection Moving Speed	0.6 ~ 1.5 m/s
Working Humidity	<93 % RH
Illumination Location	Corridor, Hall ,Rooms, Gate, backyard, garage, stairs, fence gate etc..
Notes	1. Avoid sunshine or being against draft outlet of air-con and vent for the installation location.





SLL143636A infrared motion sensor instruction

Wall Mount Sensor

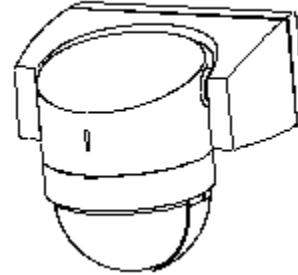
The product adopts 1 high sensitivity detector, integrated circuit and SMT infrared energy from human body as its controlling signal source, when one range, it can start controlled load at once, it can identify day and night easy to install and use field is wide. It gathers automatism, convenience, and practicality.

Specification

Power source: 220V/AC~240V/AC rated load: 3000W.max(220V/AC)
 1200W.max (110V/AC)
 50~60Hz working temperature:-20~40
 distance:15m max(<24) relative humidity:<93%RH
 installation height:1.5m~3.5m
 Time-delay: min: 10sec(approximately) power consumption: 0.45W(working)
 Max:6min~9min 0.1W(static)
 Light-control: <20LUX~daylight (adjustable) Detection moving
 speed:0.6~1.5m/s

Function

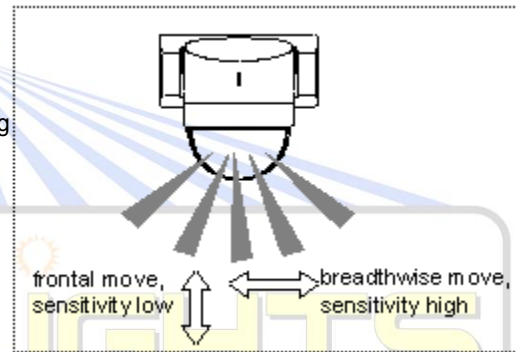
- Identify day and night automatically: user can adjust its working light. When it is adjusted to sun (max), it works day and night; when to moon (min), it only works in the ambient light below 20LUX.
- Detection distance is adjustable: by adjusting sensitivity you can set the distance according to installation position and the detection range you need, the sensitivity has great connection with moving direction(like right sense diagram);
- Time-delay is added continually: when it receives the second induction signal again after the first induction, it will compute time-delay after the second induction;
- Time-delay is adjustable: the time-delay can be adjusted by yourself according to your require, the products shortest time set is about 10sec, the longest is 6min~9min;
 *1 Power indication and sensing indication: when power is on, the LED is green, when sensing, the LED is red;
- Provide lens cover: when need not sense certain range, you can lens cover to block the range.



technology; it utilizes enters the detection automatically, it is safety, energy saving

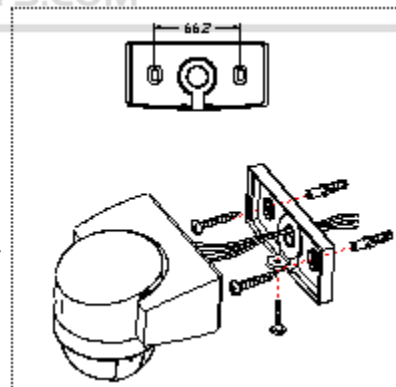
SensLights

100V/AC~130V/AC
 Power frequency:
 Detection
 Detection angle:180°



Installation (like the right diagram)

- Before installing switch off power;
- Untighten the base screw, and install the base on needed position with dilatants and screws;
- According to the connection wire figure connect the power wire and load wire into the connection line column in sensor;
- Fix the sensor body on bottom cover;
- Button top cover on sensor and tighten the base screw.

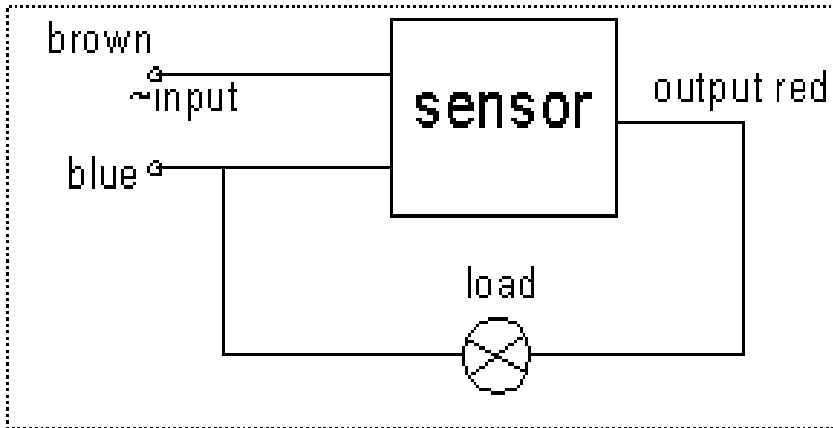


install





Connection figure (like right diagram)

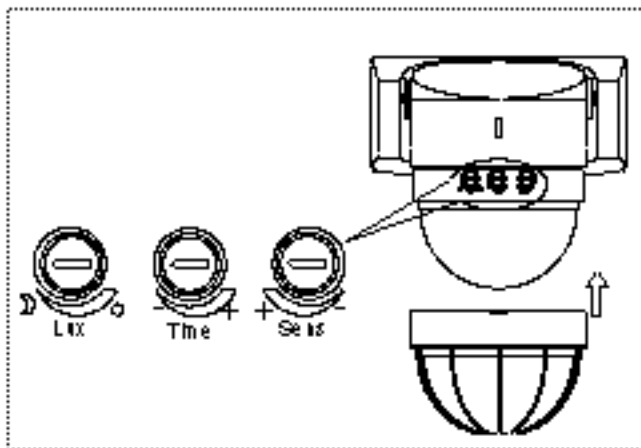


Test

- Turn Lux knob anti-clockwise to the max (☀️); Time knob anti-clockwise to min(-) and the Sens knob clockwise to max(+);
- Switch on power, the LED is green and 40~50sec later the sensor is in stable working state;
- 5~10 sec later after the load stop working, sense it, the load should work, the LED turn red and then resume green, and under no sense condition it should stop working after about 10sec;
- if turn the Lux knob counterclockwise to min(☾) and test it in the ambient light beyond 20LUX, after the load stop working, sense it the load should not work; with an opaque object (for example towel, etc) cover the detection window, the load should work, under no sense condition, it is normal that the load stop working within about 10sec.

Attentions for installation

- Let electrician or experienced person install it;
- Don't regard unrest object as its installation basis.
- In front of the detection window there should be no obstruction or moving object to effect its detection;
- Don't install it where air current change obviously; for example: air condition and air heater.



Some problems and solutions

- **The load does not work:**

1. Check whether the connection of the power and load is correct or not;
2. Check whether the load is good or not;
3. Check whether the working light you set accords with the ambient light or not;

- **The sensitivity is very low:**

1. Please check whether in front of the detection window there is obstruction to effect the sensor receiving signal or not;
2. Please check whether the ambient temperature is too high or not;
3. Please check whether the sense signal is in the detection field or not;
4. Please check whether the installation height is in the range of the instructions require or not;
5. Please check whether the moving orientation is correct or not.

- **The sensor cant shut off the load automatically:**

1. Whether there is continual sense signal in the detection field or not.
2. Whether the time-delay is set to the max or not;
3. Whether the power accords with the instructions require or not;
4. Whether the air temperature near the sensor change obviously, for example air condition, air heater

