SensLights Model Specification	SLL 1228 W Ceiling Mount Sensor
Power Supply	AC 100V~240V
Load	3000W (220-240V/AC)
Power Consumption	0.45W(static 0.1W)
Sensing Angle	25° C < 360 degrees
Sensing Distance	25° C max < 15 meters
Time-delay	min: 5sec~10sec, Max: 6min~15min
Light-control	<10LUX~daylight (adjustable)
Preparation	After electrifying up to the light flushes 3 times
Weight	150g
Wiring	2IN / 2OUT
Installation height	1.5-3.5m
Temperature & humidity	<93% HR / 20° c- 40° c
Detection Motion Speed	0.6-1.5m/s
Illumination Location	Corridor, Hall , backyard, garage, stairs, balcony, Rooms
Notes	1. Avoid sunshine or being against draft outlet of air-con and vent for the installation location.

SLL 1228W sensor instruction

The product adopts 3 high sensitivity detectors, integrated circuit and SMT technology; the 3 detectors compose its wide detection range; it utilizes infrared energy from human body as its controlling signal source, when one enters the detection range, it can start controlled load at once, it can identify day and night automatically, it is easy to install and use field is wide. It gathers automatism, convenience, safety, energy-saving and practicality;
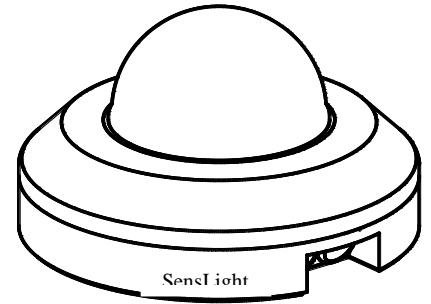
Specification

Power source: 220V/AC~240V/AC ☐	rated load: 3000W.max (220V/AC)
100V/AC~130V/AC ☐	1200W.max (110V/AC)
Power frequency: 50~60Hz	working temperature:-20~40℃
Detection distance: 15m max (<25℃)	relative humidity :< 93%RH
Detection angle: 360°	installation height: 1.5m~3.5m
Time-delay: min: 5sec~10sec	power consumption: 0.45W (working)
Max: 6min~15min	0.1W(static)
Light-control: <10LUX~daylight (adjustable)	Detection moving speed:0.6~1.5m/s

SLL 1228W Function

✓ Identify day and night automatically: user can adjust SLL1228W's 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 less than 10LUX.
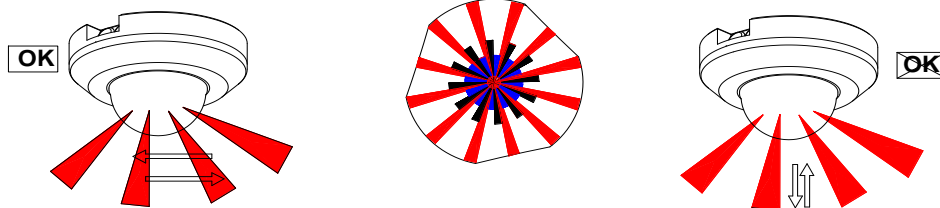
✓ Detection distance is adjustable: by adjusting sensitivity you can set the distance according to installation position and the detection range you need, the sensitivity has great connection with moving direction(like above sense diagram);

✓ 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 product's shortest time set is 5sec~10sec, the longest is 6min~9min;

![SensLights logo] **Installation (like the following diagram)**

- Before installing switch off power;
- Rotate top cover counterclockwise and take off it, tighten off the screws fixing bottom cover;
- Install the bottom cover on selected position with diatant screw(like①);
- 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(like②)
- Button top cover on sensor and rotate it tighten clockwise like③）, the installing finished.

SLL 1228W Connection figure (like right diagram)

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        BROWN
                            ~  INPUT
  SLL1228W   BLUE
                            ⊗ LOAD
        RED  OUTPUT
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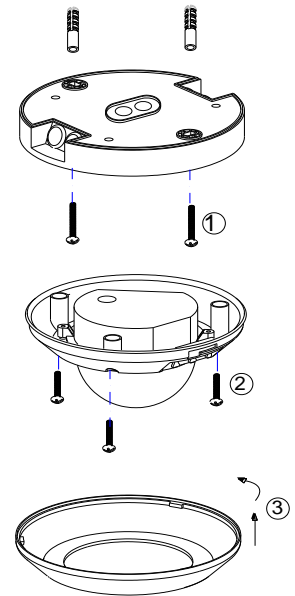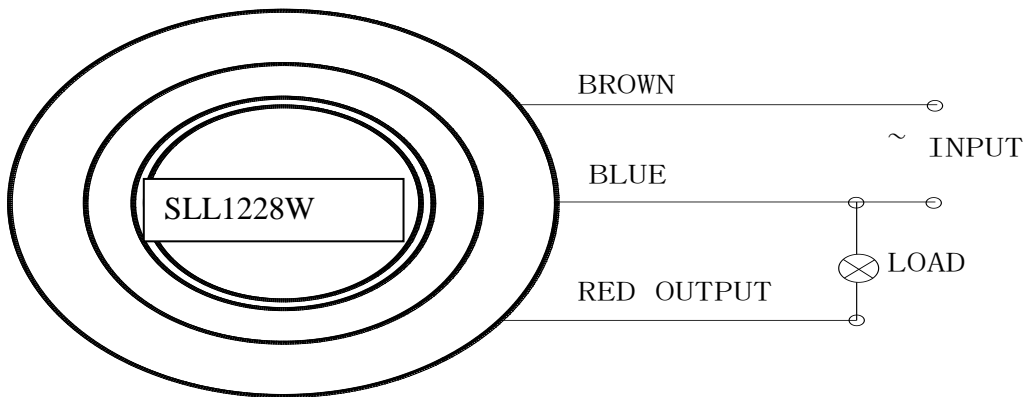
- Turn **LUX** knob counterclockwise to the max (☼); **TIME** knob clockwise to min(-) and the **SENS** knob clockwise to max(+);
- Switch on power,40~50sec later the sensor is in stable working state;
- 5~10 sec later after the load stop working, sense it, the load should work, and under no sense condition it should stop working after 5~10sec;
- if turn the **LUX** knob counterclockwise to min(☾) and test it in the ambient light beyond 10LUX, 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 5~10sec.
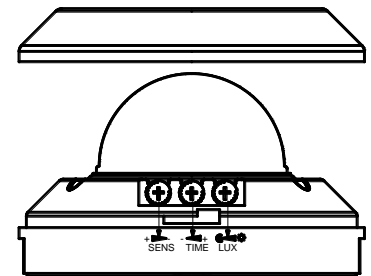
Attentions for installation

- ✓ 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

① *The load does not work:*
- Check whether the connection of the power and load is correct or not;
- Check whether the load is good or not;
- Check whether the working light you set accords with the ambient light or not;

② *The sensitivity is very low:*
- Please check whether in front of the detection window there is obstruction to effect the sensor receiving signal or not;
- Please check whether the ambient temperature is too high or not;
- Please check whether the sense signal is in the detection field or not;
- Please check whether the installation height is in the range of the instruction's require or not;
- Please check whether the moving orientation is correct or not.

③ *The sensor can't shut off the load automatically:*
- Whether there is continual sense signal in the detection field or not.
- Whether the time-delay is set to the max or not;
- Whether the power accords with the instruction's require or not;
- Whether the air temperature near the sensor change obviously, for example air condition, air heater etc.

SensLights SLL 1228W