

PRODUCT INFORMATION

The product is an energy-saving auto-switch. It will turn on when one enters the detection fields and turn off when leaves. It can identify day and night automatically. It adopts infrared energy discharge detector and integrated circuit. Its performance is stable. It will start the controlled load when one enters its detection range and triggers it, the load will turn off automatically when one leaves.

CHARACTERS

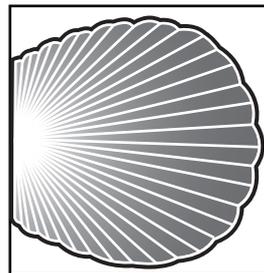
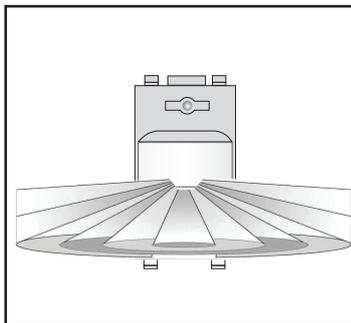
- It can identify day and night automatically. And the working light can be chosen freely and make it work at night and not work in the day time.
- Illuminated time can be adjusted according to the customer's desire.
- Mini shell (48mm*23mm*52mm)
- Sense LED: when it detect sensing signal, the LED flash.

SPECIFICATIONS

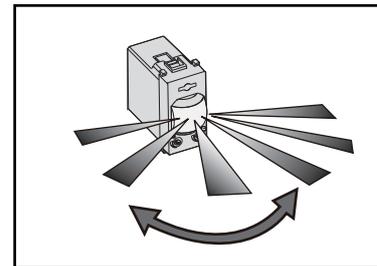
Power source: 220-240V/AC
 Power frequency: 50Hz
 Rated load: 800W Max.tungsten
 200W Max.fluorescent
 Detection range: <7m(22°C)
 Time setting: Min: 9sec±2sec
 Max:3min±30sec(adjustable)

Detection angle: 120°
 Light-control: 10LUX~sunshine (adjustable)
 Working humidity: <93%RH
 Working temperature: -10~+40°C
 Power consumption: <0.5W
 Installation height: 1.5~2.5m

SENSOR INFORMATION



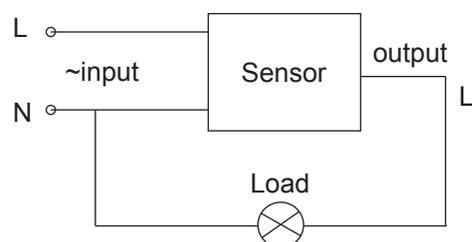
**<7m
Correct moving orientation**



**120°
Detection Angle**

CONNECTION-WIRE DIAGRAM

Connect the power and the load wire with the sensor according to connection-wire diagram;



TEST

- After installation, before switching on power turn the time anti-clockwise to min;
- Switch on power, after 30sec the sensor enter stable working state;
- After the load turn off, sense it, the load should turn on, and under the condition that no continual sensing signal, the load should turn off within 8sec~10sec;
- When the light-control knob anti-clockwise set to the min, if you test the unit in the daytime, sense it, the load should not work. Cover the detection window with opaque object (simulate night light) and sense it, the load should turn on;
- If all are normal, according to your require you can turn the time knob to set the lighting time and turn the light-control knob to select working light.

Note: please don't adjust the two functional buttons to excess. That is because the two functional buttons were connected to the components directly, there is a small stopper in each of the two components, when you adjust the buttons from start to end, the excessive turn will damage the stopper, and lead to the 360° non-stop turn around. The adjust range limit is 270°, please do pay attention to this.

- ✧ Electrician and experienced human can install it.
- ✧ The unrest objects can't be regarded as the installation basis-face.
- ✧ There should be no hinder or unrest objects effecting detection in front of the detection window.
- ✧ Avoid installing it near temperature alteration zone, for example, air condition, central heater etc.
- ✧ Please don't open the case for your safety if you find the hitch after installation, you should contact the provider in time.

The factory intercalation: Light-control is max, Time setting is max.

SOME PROBLEM AND SOLUTION

1. The load don't work:

- Check whether the connection of power and load is correct or not.
- Whether the load is good or not.
- Please check whether the working light set corresponds to ambient light or not.

2. The sensitivity is poor:

- Please check whether there is any hinder in front of the detection window that affect it to receive the signals or not.
- Please check whether the ambient temperature is too high or not.
- Please check whether the sense signal source is in the detection field or not.
- Please check whether the installation height accord with specification.
- 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 fields or not.
- Whether the delay-time is set to the longest or not.
- Whether the power correspond to the instruction required.
- Whether the temperature change obviously near the sensor (air conditioner, central heater etc).

 **Warning!**

- Please confirm with professional 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.

Solutions of prevent the power network pulse interference the products:

Due to the difference of regional interference power network, the pulse of interference is uncertain,so the user are not suggested to adjust the sensitive to the maxium when using.

Suggestion:Please install and adjust the sensitive in the appropriate distance using,do not set the maxium sensitivity to prevent misoperation.

We are committed to promoting the product quality and reliability, however, all the electronic components have certain probabilities to become ineffective, which will cause some troubles.When designing, we have paid attention to redundant designs and adopted safety quota to avoid any troubles.

This instruction, without our permission, should not be copied for any other purposes.

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