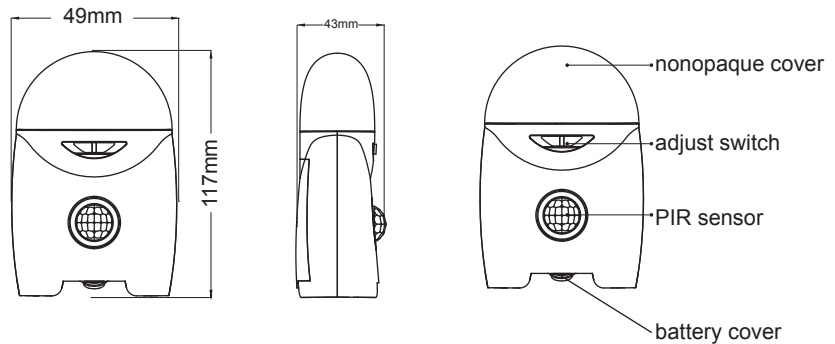




Sensor Night Lamp Instruction

LX-LD-P500



Summary

The LX-LD-P500 is a new type of energy saving motion sensor lamp: it achieves the sensor function by adopting the PIR technology; due to the long life, the LED has been as the light source. The LX-LD-P500 can assist to achieve the lighting when people are in the condition of sleep in night. When it is night (or the illumination is below definite value), slide the switch to "AUTO", in that time, the LX-LD-P500 will detect the PIR digital from human body and to achieve the lighting. When slide the switch to "ON", the LX-LD-P500 can light at all times, due to the function, we can use it as the universal night lamp and assist to light. Considering of all features, the LX-LD-P500 can be seen in various field where the PIR digital from human body can be detected more easily, such as night table, desk, aisle, toilet and so on.

In the condition of induction, the LX-LD-P500 will achieve the lighting by detecting the illumination automatically, so we can see the following scene: it is off in daylight(or luminous environment), in like manner, it is on in night(dark or the illumination<10lux), in the condition of induction, the LX-LD-P500 will receive the digital and start to work, at the same time, it will be off if detect no any digital within subsequent 10 seconds, likewise, the induction delay-time will be overlaid continuously and the night lamp will be on once detect the subsequent digital. We can slide the switch to "ON" if we need it to light at all times, when slide the switch to "OFF", the LX-LD-P500 will stop working.

Specifications

Power supply: 4X1.5V batteries

Working current: 90mA

Static current: 30~40μA

Rated load: 0.36W Max.

Single power: 0.06W

LED quantity: 6 PCS

Time setting: 10±2sec

Detection range :6-8m(24℃)

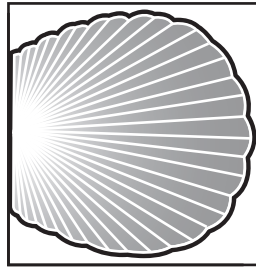
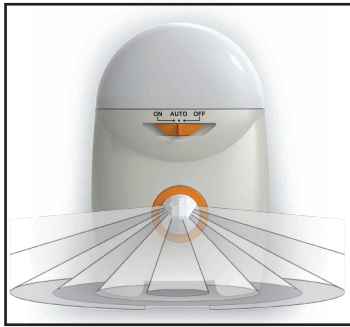
Light-control: <10LUX

Detection angle: 140°/120°

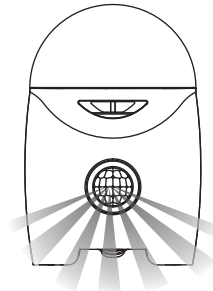
Working humidity: <93%RH

Working temperature: -10~+40℃

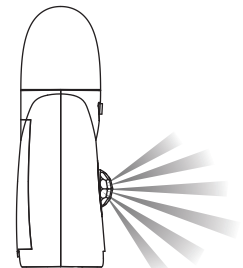
Sensor information



6-8m
Detection range



140°
Detection angle



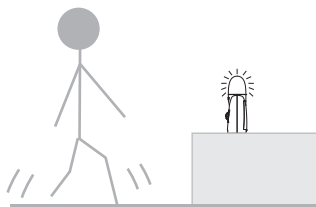
120°
Detection angle

Operation instruction

1. Insert 4X1.5V batteries into the battery box prior to using.
2. Slide the switch to “ON”, the lamp is always on, here no sense function.
3. Slide the switch to “OFF”, the lamp is powered off.
4. Slide the switch to “AUTO”, the sensor is activated. The lamp will turn on when motion is detected. The lamp will automatically turn off 10 ± 2 sec later after the last motion is detected.
5. Time-setting is added continually: When it receives the second induction signals after the first induction, it will compute time once more on the rest of the first time-delay basis (set time).

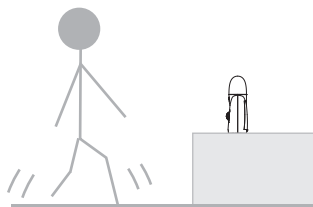


when slide the switch to “ON”



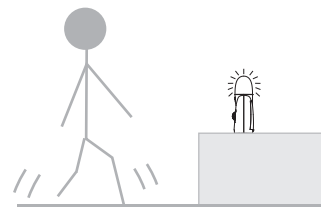
the light always be on

when slide the switch to “OFF”



the light always be off

when slide the switch to “AUTO”



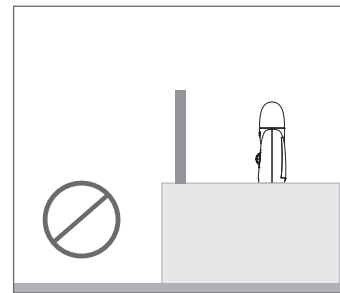
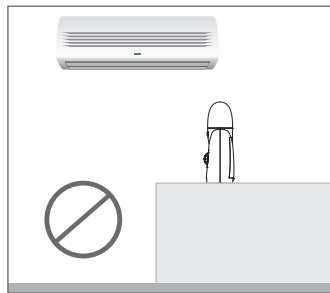
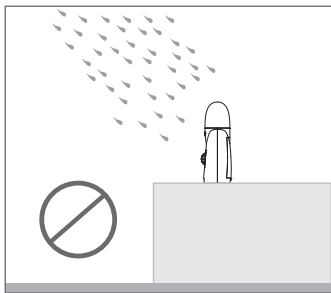
the ambient light illumination is similar to 10lux
the light will be on with human passing by

Problems and solutions

1. The lamp doesn't work:
 - a) please check if the power connection is ok;
 - b) please check if the ambient working light accords with instruction.
2. The induction sensitivity is low:
 - a) please check if in front of the detection window there is obstruction effecting the sensor to receive signal;
 - b) please check the temperature is too high;
 - c) please check if the sense signal is in the detection range;
3. The sensor can not shut off the lamp automatically:
 - a) check if in the detection range there is continual sense signal;
 - b) check if the power accords with instruction required;
 - c) check if the air temperature near the sensor lamp change obviously, for example air conditioning or air heating, etc.

Warning!

- 1 Please keep the LX-LD-P500 away from the rainwater that will cause the inner circuitry to damage.
- 2 Please keep the photovoltaic panel face to the sun when charge up the product, because the glass and other transparent Materials can obstruct the energy from sun and will extend to charge up the product.
- 3 The product shouldn't be used in the zones the air temperature changes obviously: for example, air conditioning and air heating.
- 5 In front of the detection window there should be no obstruction or moving object to effect its detecting.
- 6 Please take out the battery when no any usage in a long time, otherwise, the liquid from battery will damage the product.



Application



NINGBO LEXING INDUCTOR ELECTRONIC CO.,LTD

Add: No.35 Zhuquan Road, Science & Technology Area.

Ninghai, Ningbo, Zhejiang, China

Tel: +86-574-65335088

Fax: +86-574-65335000 65335333

E-mail: lexing@lexing.com.cn

E-mail: lexing@globalmarket.com

www.lexing.com.cn

www.lexing.com