pdlux®

■ Microwave Sensor Lamp
PD-LED2006-ADS-N instruction

100mm
280mm

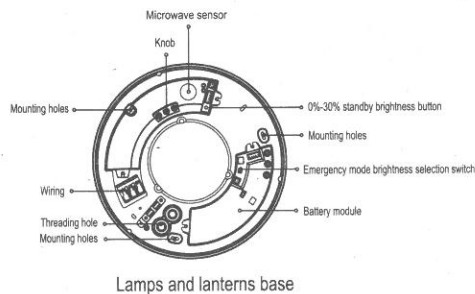### Summary

This is a newly designed intelligent ceiling mount microwave sensor LED lamp. All the time, All the time, it had power failure emergency power supply function. The lighting is auto-managed by AC direct power or battery backup, that is, when power failure, the battery backup will be responsible for the power supply of 3.7 watt. Through emergency model brightness within the battery module selection switch, backup battery sustainable power supply 3 hours or more than 6 hours (the user can choose according to need 3 hours or 6 hours of lighting needs . It is widely applied in the school, office, market , corridor, washing room, elevator lobby etc.

This product is designed with two configurations: one is the sensor lamp with the function of supplying power in emergency and the other one is the intelligent sensor lamp without the emergency function. You can make purchase according to the practical need. But in most cases, it is necessary and wise to choose the former one, for that the occasional power outage will cause trouble, or even danger.
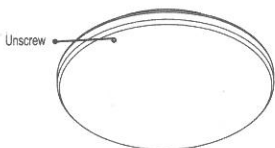
Packing list in	Quantity
Microwave Sensor Lamp	1X
Φ6 Plastic Expansion	3X
3x30 Screw	3X
Instruction	1X

IP 44

Using high quality white frosted glass chimney, and the acrylic light ,While you choose for your order.
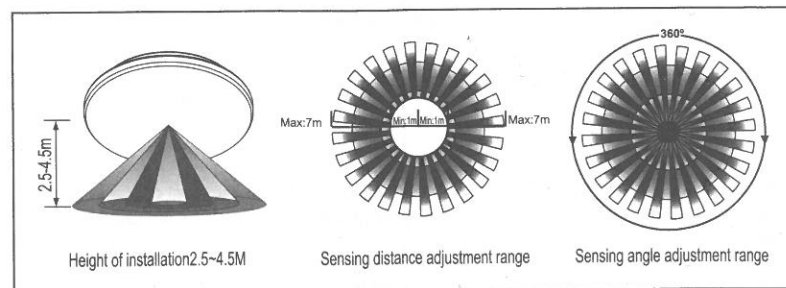
Name of each part

Lamps and lanterns base

White frosted glass chimney / acrylic light

Specifications

Power source: 100-130VAC □
220-240VAC ☑
Power frequency: 50/60Hz
HF system: 5.8GHz
Rated LED: 16W-18W Max.
Standby power: 0.5W Max.
Emergency lighting power: 3.7W Max. (DC)
Charging power: 6W Max.
Standby lighting power: 1: 0%
2: 1.5W (10% brightness)
3: 2W (20% brightness)
4: 2.8W (30% brightness)
Battery: 7.4V / 2000mAH lithium battery (18650x2PCS)

Continuous illumination time: ≥180min (3.7W)
≥360min (1.8W)
(when the battery power supply)
Time setting: 6sec to 12min (adjustable)
Detection range: 1-7m (radii.) (adjustable)
(Installation height: 2.5m)
Light-control: 10LUX-daylight(adjustable)
Detection angle: 360°
Luminous flux: 900lm-1000lm
Installation height: 2.5-4.5m (ceiling mount)
LED quantity: 36PCS x 0.5W
LED specifications: 2835
Working temperature: -20~+55℃

Sensor information

Height of installation2.5~4.5M | Sensing distance adjustment range | Sensing angle adjustment range

Function

Setting manner :potentiometer

It may take times to adjust values before they satisfy your need.
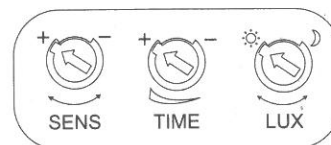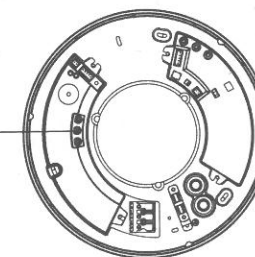

SENS   TIME   LUX

Fig.1

(1)Detection range setting (sensitivity)

SENS

Detection range is the term used to describe the radii of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of 2.5m, turn the reach control fully anticlockwise to select minimum reach (approx.1m radii), and fully clockwise to select maximum reach (approx. 7m radii).

NOTE: the above detection distance is gained in the case of a person who is between 1.6m~1.7m tall with middle figure and moves at a speed of 1.0~1.5m/sec. if person's stature, figure and moving speed change, the detection distance will also change. In different cases, the sensitivity of the lights has certain deviation.

Notice: when using this product, please adjust the sensitivity (detection range) to an appropriate value but the maximum to avoid the abnormal reaction caused by the easy detection of the wrong motion by the blowing leaves & curtains, small animals or the interference of power grid & electrical equipment. All the above mentioned will lead to the error reaction. When the product does not work normally, please try to lower the sensitivity appropriately, and then test it. When the product is installed or before of install, when you tesing the function, please leave the product sensor area, and don't move around, to prevent the human body movement caused by the continuous operation of the sensor.

Attention!
• In different circumstances, detection distance will have deviation; Such as metal, glass structure of the building of the structure of the house with wooden houses will be different from detection distance.
• When the user after installation debugging induction to adjust according to the need of the detection distance. In the installation environment does not allow to have the fluttering curtains or flap gate, or it will cause false action.