

# Fixture Mount Plug-in type Sensor

## Function description of remote control:

		Hibernation - the sensor stops working and goes into hibernation. Press any other key to re-enter the working. Press any other key to realize the function of the key itself.		
		100%+0%/100%+2min		100%+20%/100%+2min
		50%+0%/100%+2min		50%+20%/100%+2min
		Duration time Setting after microwave trigger (Keys only work in microwave mode)		Test button 6S
		Microwave mode / Microwave setting		factory reset
		Fixed mode / Luminance setting		Sensitivity setting of microwave sensor (Keys only work in microwave mode)
		Timer mode setting (Keys only work with photocell mode)		Cancel timer mode
		photocell threshold value setting		Cancel photocell mode, but invalid in timer Mode and Bucket mode
		standby time setting of microwave mode (Keys only work in microwave mode)		Time Bucket mode1,2 (Keys only work with photocell mode)



### Sensor sensitivity:

1. Key- The Max detection distance of microwave sensor is 15M.
2. Key- The Max detection distance of microwave sensor is 11M.
3. Key- The Max detection distance of microwave sensor is 7M.
4. Key- The Max detection distance of microwave sensor is 3.5M.

### Duration time:

1. 5S 5S key-lasting time
2. 2min 2min key-lasting time
3. 5min 5min key-lasting time
4. 10min 10min key-lasting time



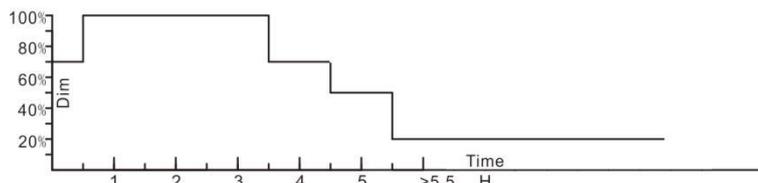
### Microwave mode:

- 1.No Motion was detected continuously, the light will turn off after the duration time(5S/2min/5min/10min), and the light will remain 100% luminance if motion is detected.
- 2.No motion detected continuously, the light luminance will drop to 20% after the duration time (5S/2min/5min/10min), and the light will remain 100% luminance if motion is detected.
- 3.No motion detected continuously, the light luminance will drop to 30% after the duration time (5S/2min/5min/10min), and the light will remain 100% luminance if motion is detected.
- 4.No motion detected continuously, the light luminance will drop to 50% after the duration time (5S/2min/5min/10min), and the light will remain 100% luminance if motion is detected.



### Fixed mode:

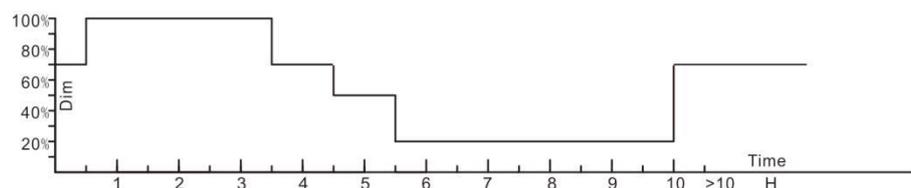
- 1.The light stays at 30% luminance
- 2.The light stays at 60% luminance
- 3.The light stays at 80% luminance
- 4.The light stays at 100% luminance



### Time Bucket mode 1:

The luminance of the light changes with the time bucket. The internal timer starts timing or reset with the ambient luminance under working conditions.

The luminance is 70% in 0.5H, 0.5H-3.5H is 100%, 3.5H-4.5H is 70%, 4.5H-5.5H is 50%.Then turn off the light when the luminance is 20% until the environment is bright.



### Time Bucket mode 2:

The luminance of the light changes with the time bucket. The internal timer starts timing or reset with the ambient luminance under working conditions.

The luminance is 70% in 0.5H, 0.5H-3.5H is 100%, 3.5H-4.5H is 70%, 4.5H-5.5H is 50%, 5.5H-10H is 20%.Then turn off the light when the luminance is 70% until the environment is bright.



## Timing mode:

1. The internal timer starts timing or reset with the ambient luminance under working conditions, Turn off the lights after 3H
2. The internal timer starts timing or reset with the ambient luminance under working conditions, Turn off the lights after 6H
3. The internal timer starts timing or reset with the ambient luminance under working conditions, Turn off the lights after 9H

## Cancel timing mode:

Timing mode 3H / 6H / 9H Failure.

## Test button:

TEST-

Press the button, the red indicator light is on, keep 10% brightness for 1S then entering the induction state,after sense the movement of the object,the light brightness turn to 100%. After testing for 6S,the test mode is automatically exited, and the red indicator light is off.



## Photocell mode:

1. Set the photocell threshold value ambient luminance is about 50Lux.
2. Set the photocell threshold value ambient luminance is about 100Lux.
3. Set the photocell threshold value ambient luminance is about 200Lux.

When ambient luminance is below the threshold,the product enters working state,and run according to the setting mode. When ambient luminance is over the threshold, infrared ray in the environment reaches the inherent threshold of the product, the product enter non-working state, the light is off.

## Turn off Photocell mode:

1.Photocell mode 50Lux /100Lux /200Lux is failure, The change of ambient luminance has no effect on the working state of the controller.

## Stand-by time:

1. 0S 0S key-Set standby time as 0S
2. 1min 1min key-Set standby time as 1Min
3. 5min 5min key-Set standby time as 5Min
4. 10min 10min key- Set standby time as 10Min
5. 30min 30min key-Set standby time as 30Min

Standby mode only be activated in microwave mode with 20%-100% 30%-100% 50%-100%

For example, when the microwave mode is 20% - 100%, no motion state is detected continuously, and the holding time is up to (5S / 2min / 5min)The brightness of the light will be reduced to 20%, and no motion state is detected continuously. When the standby time is up (0s / 1min / 5min / 10min / 30min), the light will be turned off. If motion state is detected, the light will maintain 100% brightness.

6. Cancel the standby mode

For example microwave mode 20%-100% No motion detected continuously, the light luminance will drop to 20% after the duration time (5S/2min/5min), and the light will remain 100% luminance if motion is detected.



## factory reset:

1.The operation of remote has memory function resume to default setting

## Other:

- 1.Factory default mode is 2min 0%-100% 100% 50LUX Cancel timing mode Cancel the standby mode
- 2.Time Bucket mode/fixed mode/microwave mode can only be activated in one mode at the same time.
- 3.Time Bucket mode, Timer mode can only work in photocell mode and in outdoor environments with alternating light and dark.