PIR Motion Sensor Switch
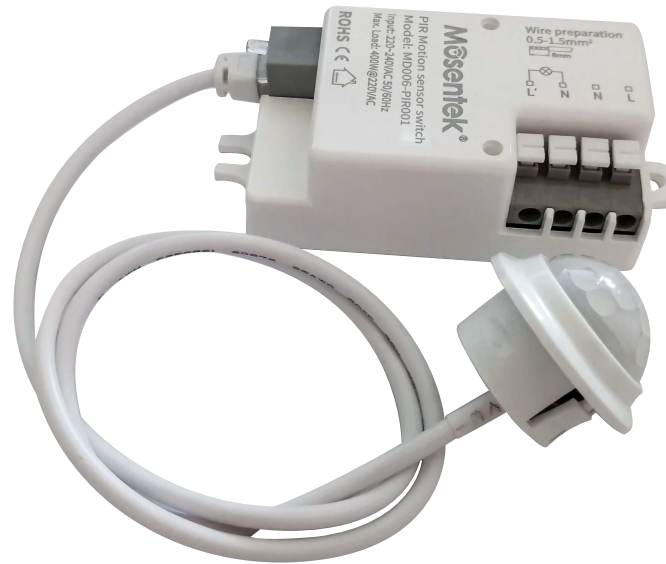

PRODUCT.:   PIR Motion Sensor Switch

MODEL NO.:   MD006-PIR001

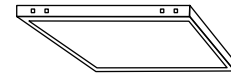SPEC NO.:

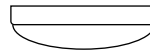| R & D DEPARTMENT		
WRITED BY	CHECKED	APPROVED

⟫⟫ Features

- ⟫ 220-240VAC Input voltage.
- ⟫ Maximum loading up to 400W@220VAC.
- ⟫ Detachable antenna for flexible installation.
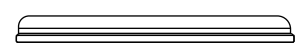- ⟫ Remote control setting.
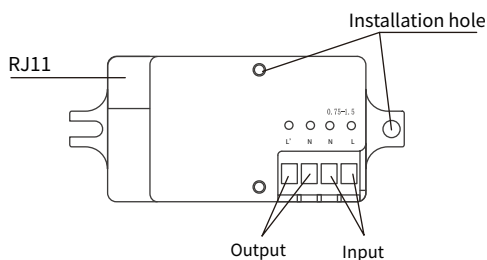- ⟫ 5 years warranty.

Downlight   Penal light
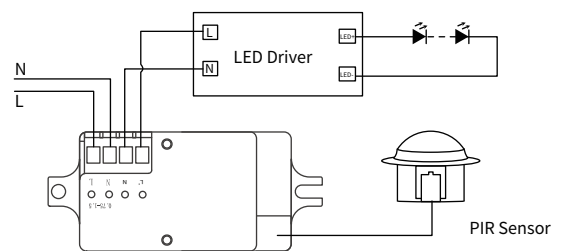
Ceiling light   Linear light

⟫⟫ Technical data

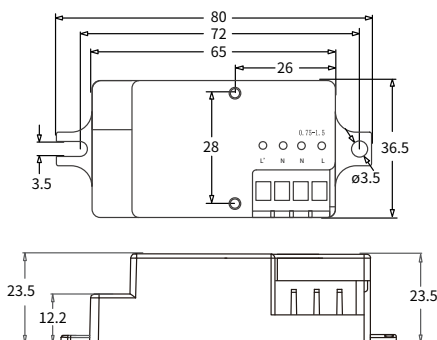|	
Operating voltage	220-240VAC 50/60Hz
Switching capacity	Max. 400W @220VAC
Stand-by power	<0.5W
Output	ON/OFF
Sensitivity	100%/75%/50%/25%
Hold time	5s/1min/3min/10min
Daylight threshold	Disable/10Lux/25Lux/50Lux
Mounting height	Max. 6m
Detection range	3-4m (25°C)
Detection Angle	100°
Operating temperature	-25°C - +50°C
Default setting: Sensitivity 100%, Hold time 5s, Daylight threshold 10Lux.	

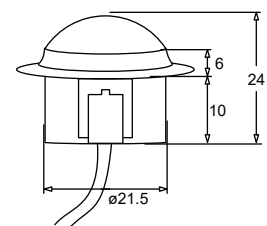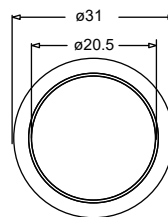## ⟫⟫ Mechanical structure

Installation hole

RJ11

0.75~1.5

L'   N   N   L

Output   Input

⟫⟫ Wiring diagram

L

N

LED Driver

N

L

PIR Sensor
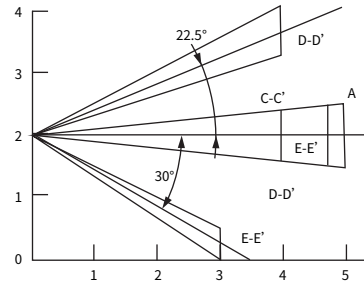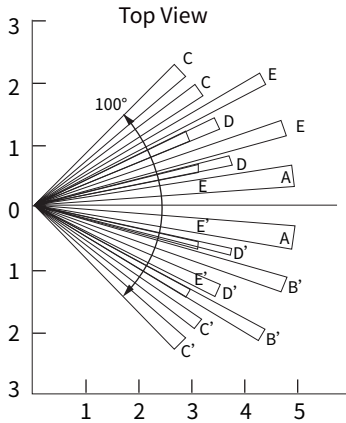
⚠ Attention：The switch is designed for connecting a single loading, it will affect the liftime if connecting more than one loading.

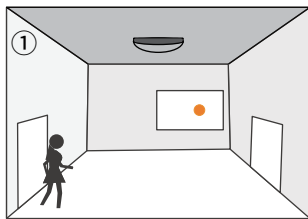## ⟫⟫ Dimension (Unit: mm)

80
72
65
26

28   36.5

3.5   0.75~1.5

L'   N   N   L

ø3.5

23.5   23.5
12.2

ø31
ø20.5

6
24
10
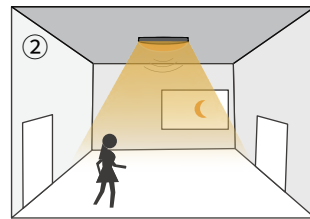
ø21.5

Detection coverage
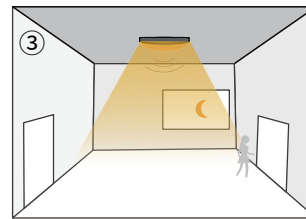

Top View

Application

1. The daylight threshold is set to "10Lux/25Lux/50Lux.
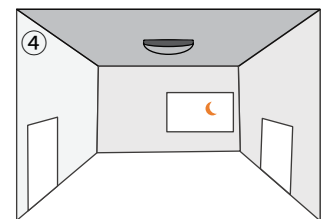

① With sufficient daylight, even when motion detected, light remains OFF.

② With insufficient ambient brightness, light dims to 100% when motion was detected .
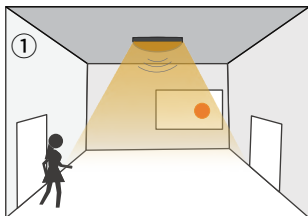
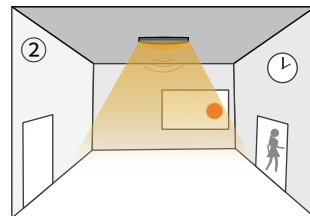③ Light keeps on 100% within the holdtime.

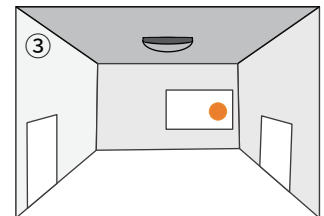④ After the last detection and the preset hold time elapsed, light OFF.

2. The daylight threshold is set to "Disable".

① When motion is detected, the sensor will switch on the light to 100% brighteness.

② After people leave the detection area, light remains 100% brightness within hold time.

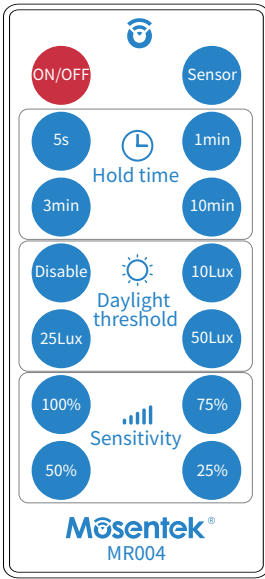③ After the last detection and the present hold time elapsed, light OFF.

Installation precautions

》 Please do not cover the PIR sensor by anything.

》 The fresnel lens should be install outside of the light fixture.

》 PIR sensor can not be installed near to the heat source location.

》 When the ambient temperature is up to 35℃, the detection range will be decreased.

Economic On/Off Version Remote Controller

Key	Function
ON/OFF	Setting the light permanent ON or OFF without motion mode.
Sensor	Turn on Sensor mode
Hold time	The period of light keeping 100% brightness after moving objects leave the detection area.
Daylight threshold	Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor will detects motion regardless the ambient brightness.
Sensitivity	In this area, movement will be detected and able to trigger the sensor. 100% detection area is also known as the strong sensitvity.
Remark	There is no Mosentek logo version for option

* Remote Setting Tips: When press any button, if the light is flickering one time, means the setting is successful.

Size (L*W*H): 86*40*7mm
CR2025 battery

Front   Back   Side

86mm

40mm

7mm