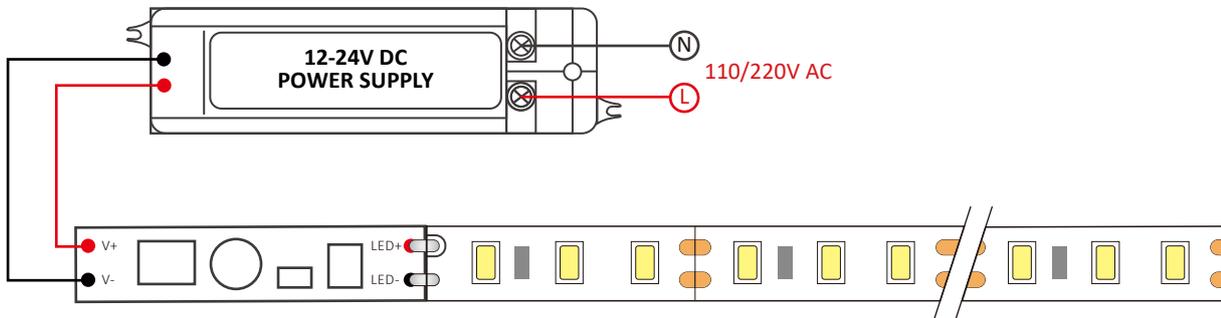


### Functions

Model	IR013
Operation	Automatically switch ON/OFF when open/close the door.
Input Voltage	12V-24V DC
Output Voltage	12V-24V DC
Input Current	8A
Dimension	55*10mm
Load Around	96W for 12V, and 192W for 24V
Detection Range	0.5cm≤Length≤10cm

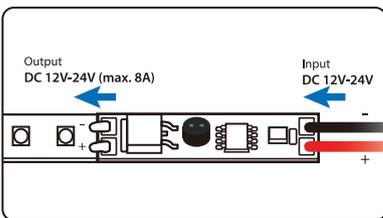
### Connection Diagram



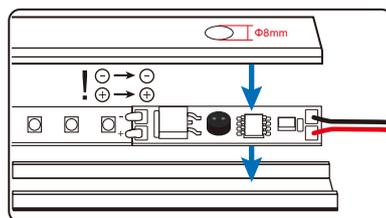
### Operations

- The LED lamp connects to the output end.
- The IR sensor switch will turn on the LED light when open the door and will turn off the LED light when close the door.
- Detection range is 10cm from the sensor detector to the door.
- The sensor switch will turn on or off the LED light with above repeatable steps.

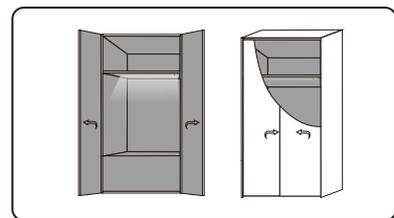
### Installation Steps



Connect wires to the input end and output end of the control PCB.



Drill a hole with a diameter of 8mm in PC cover, Place the detector head into the hole with a diameter of 8mm.



Working Status.

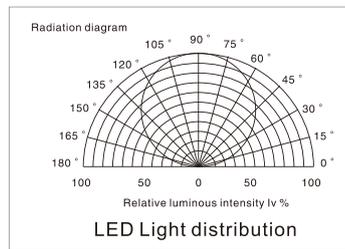
## Recommended Profiles/Optional

Model	Color	Size(mm)	Length	Drawing	Photo	Installation
A1707	White	17.4*82	1-3m			Surface mounting
A2507	Black	23.7*8.2	1-3m			Recessed mounting
F003	Aluminum	19.71*7.61	1-3m			Surface mounting

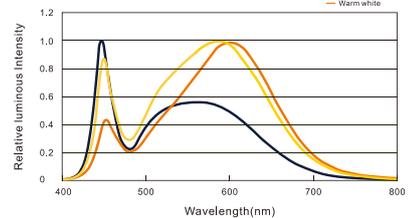
## Recommended Strips/Optional

### General description

- Available in 12/24V DC maximum
- CRI80 & CRI90 LED Strip are available
- Working temperature: -20°C to +50°C
- Very bright & low power consumption
- Long life span LED lights, more than 50,000 hours
- Adhesive back, peel & stick
- IP20, IP65, IP67 are available



Color Spectrum (CRI90)



### Electronic & Output Data

#### SMD2835, 60 LEDs/m

Size (mm)	Color	CRI	Photo	LED Qty/m	Lumen/m	Voltage (V)	Power (W/m)	Packing (m/reel)
L5000*W8*H1.5	WW <input type="checkbox"/>	90+		60	1000	12/24	14.4	5
	NW <input type="checkbox"/>				1100			
	CW <input type="checkbox"/>				1200			

#### SMD2835, 120 LEDs/m

Size (mm)	Color	CRI	Photo	LED Qty/m	Lumen/m	Voltage (V)	Power (W/m)	Packing (m/reel)
L5000*W10*H1.5	WW <input type="checkbox"/>	90+		120	1300	12/24	14.4	5
	NW <input type="checkbox"/>				1400			
	CW <input type="checkbox"/>				1500			

#### SMD2110, 280 LEDs/m

Size (mm)	Color	CRI	Photo	LED Qty/m	Lumen/m	Voltage (V)	Power (W/m)	Packing (m/reel)
L5000*W10*H1.5	WW <input type="checkbox"/>	90+		280	1420	24	19.2	5
	NW <input type="checkbox"/>				1460			
	CW <input type="checkbox"/>				1510			