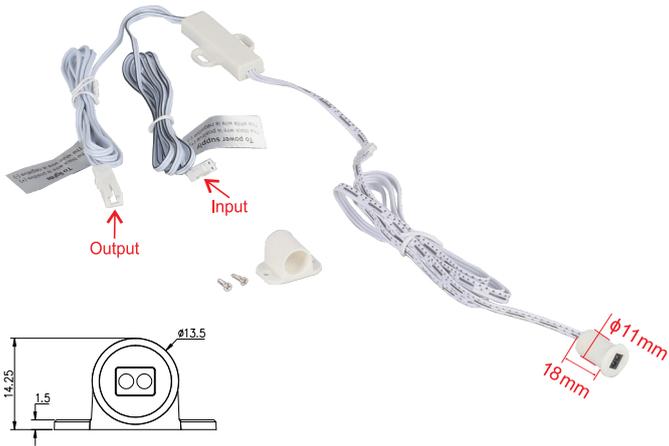
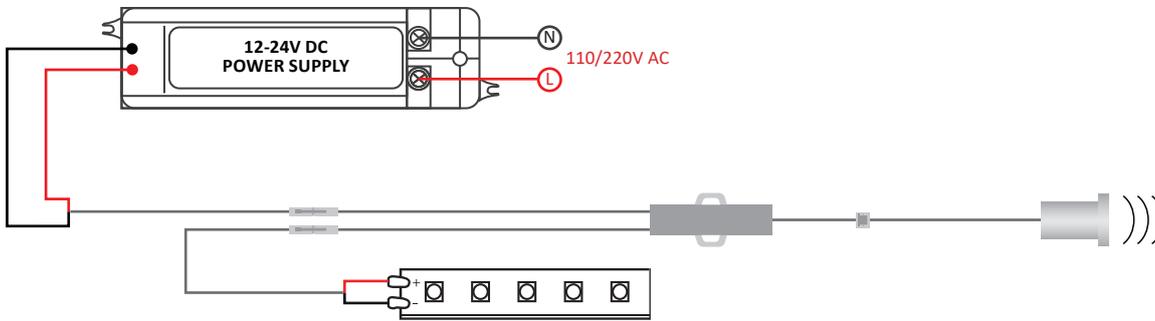


Functions

Model	IR008A-D
Operation	Automatically switch on/off when door is open/closed.
Input Voltage	12V--24V DC
Output Voltage	12V--24V DC
Input Current	4A
Detection Range	0.5cm≤Length≤10cm
Load Around	48W for 12V, and 96W for 24V
Detector cable length	1m (Length can be customized).
Input/output cable length	1m (Length can be customized).



Connection Diagram

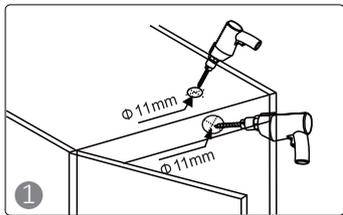


Operations

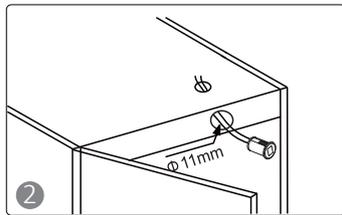
- The LED lamp connects to the output end.
- The IR sensor switch will turn on the LED light when the door is open and will turn off the LED light when the door is closed.
- Detection range is 10cm from the sensor detector to the door.
* (It do not work with wardrobe in dark and black color)
- The sensor switch will turn on or off the LED light with above repeatable steps.

Installation Steps

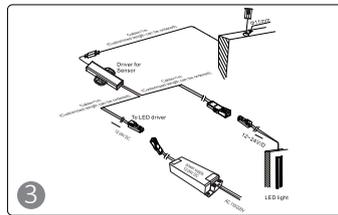
1. Recessed Mounted



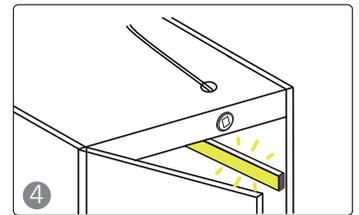
1 Drill a 11mm hole on the cabinet.



2 Thread the cable through the drilled hole to secure the sensor to the cabinet.

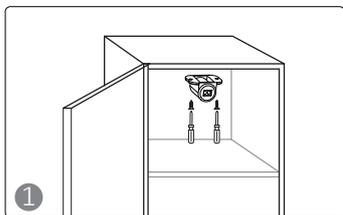


3 Connect the sensor and power supply as correct way.

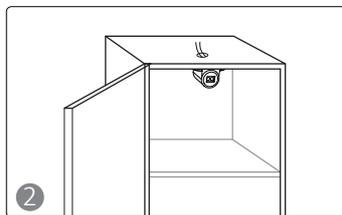


4 Light on when open the cabinet door.

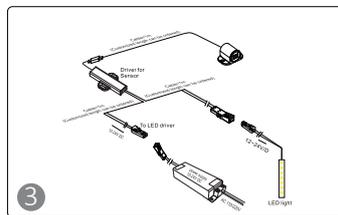
2. Surface mounted



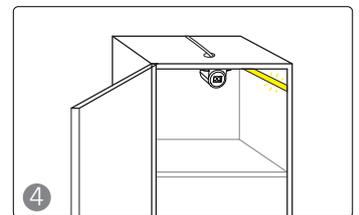
1 Fix the sensor in place using screws and a screwdriver



2 Organize the cables neatly

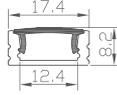
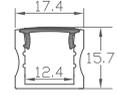
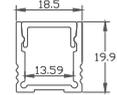


3 Connect the sensor and power supply as correct way.



4 Light on when open the cabinet door.

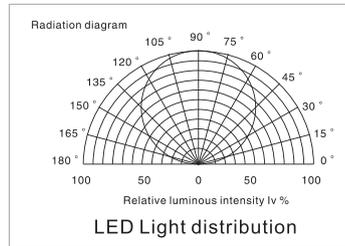
Recommended Profiles/Optional

Model	Color	Size(mm)	Length	Drawing	Photo	Installation
A1707	White	17.4*82	1-3m			Surface mounting
A1715	Black	17.4*15.7	1-3m			Surface mounting
A1920	Aluminum	19.9*18.5	1-3m			Surface mounting

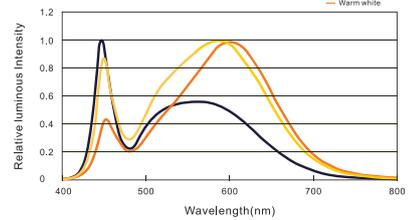
Recommended Strips/Optional

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 	90+		60	1000	12/24V	14.4	5
	NW 				1100			
	CW 				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 	90+		120	1300	12/24V	14.4	5
	NW 				1400			
	CW 				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 	90+		280	1420	24V	19.2	5
	NW 				1460			
	CW 				1510			