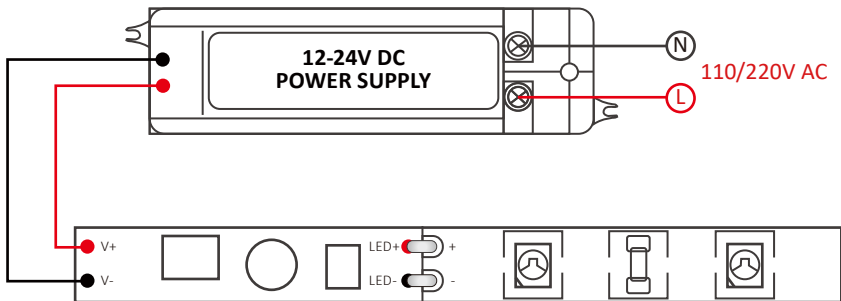


Functions

Model	IR001
Operation	Automatically switch ON/OFF when the hand pass over
Input Voltage	12V–24V DC
Output Voltage	12V–24V DC
Input Current	8A
Detection Range	0.5cm≤Length≤10cm
Load Around	96W for 12V, and 192W for 24V

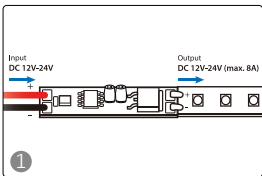
Connection Diagram



Operations

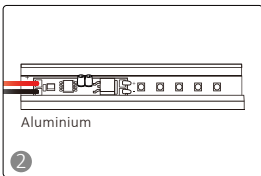
- The LED lamp connects to the output end.
- The IR sensor switch will turn on the LED light when the hand pass over and will turn off the LED light when the hand pass again.
- Detection range is 10cm from the sensor detector to the hand.
- The sensor switch will turn on or off the LED light with above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

Installation Steps



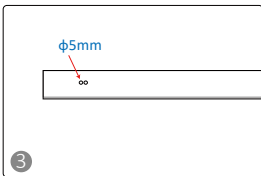
1

Connect wires to the input end and connect LED strip to the output end



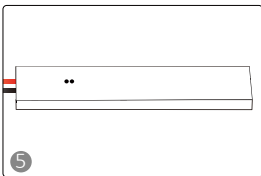
2

Install the sensor into the aluminium with double sided adhesive tape



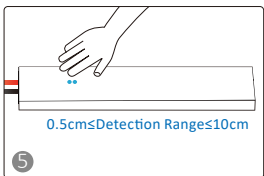
3

Drill 2 holes with a diameter of 5mm in PC cover.



4

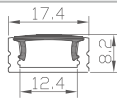
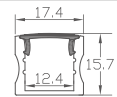
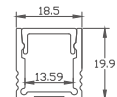
Click the PC cover to the aluminium



5

Working Status

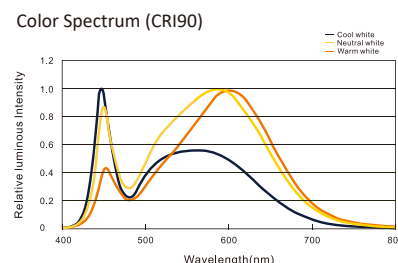
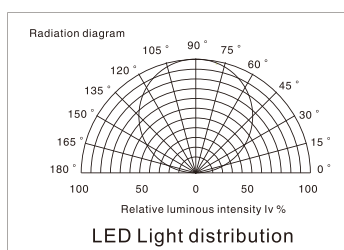
Recommended Profiles/Optional

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



Electronic & Output Data

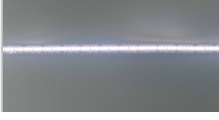
SMD2835, 60 LEDS/m

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

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  NW  CW 	90+		120	1300 1400 1500	12/24V	14.4	5

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  NW  CW 	90+		280	1420 1460 1510	24V	19.2	5