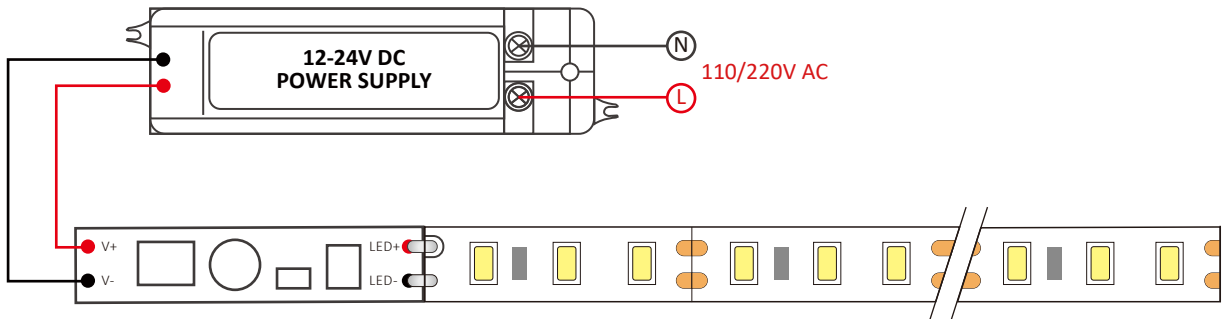


Functions

Model	IR012D
Operation	Automatically switch ON/OFF when the hand passes over. with dimming and memory function.
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

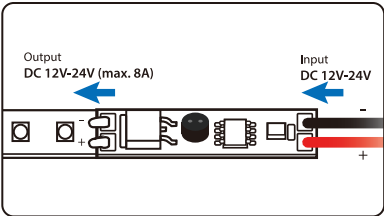
Connection Diagram



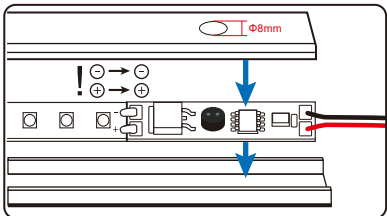
Operations

- LED strip is originally “off” and the led indicate light on the sensor PCB is “on” when the power is connected on.
- The light will be on when hand passing over the IR sensor switch within 10cm detection range, and will be off when hand passing over again.
- Hold the hand over the IR sensor more than 3s to adjust the Led brightness dimming from 1% to 100%.
- The IR sensor will memorize the status of the Led brightness in DC12V–24V.
- The IR sensor switch will turn on or off the led light with above repeatable steps.

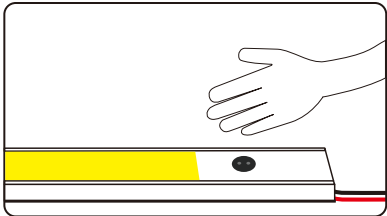
Installation Steps



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

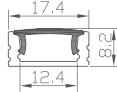
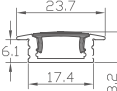
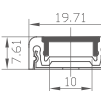


Drill a hole with a diameter of 8mm in PC cover, Place the detector head into the hole with a diameter of 8mm.



Working Status.

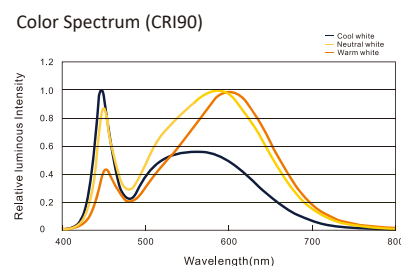
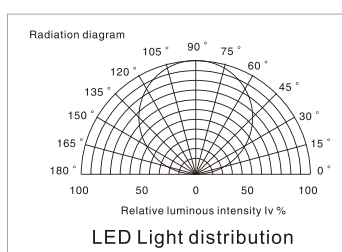
Recommended Profiles/Optional

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



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	12/24	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	12/24	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	24	19.2	5