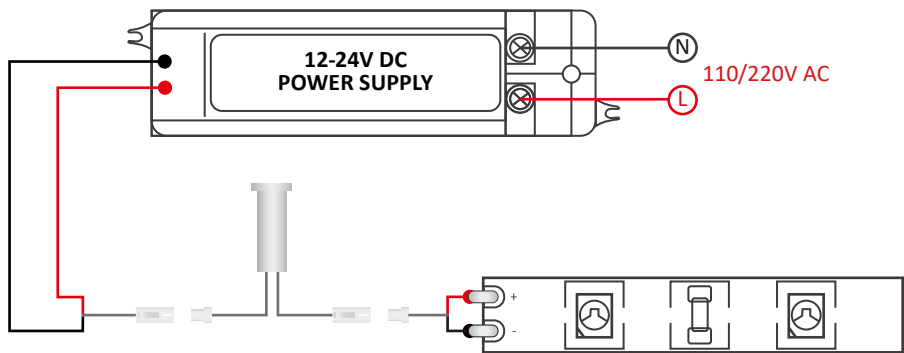




Functions

Model	IR005-H
Operation	Automatically switch ON/OFF when the hand pass over.
Input Voltage	12V–24V DC
Output Voltage	12V–24V DC
Input Current	4A
Detection Range	0.5cm≤Detection Range≤10cm.
Load Around	Load around 48W for 12V, 96W for 24V.

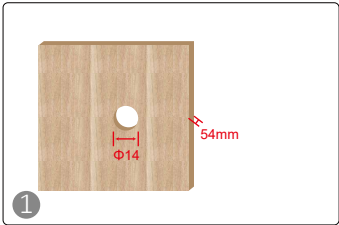
Connection Diagram



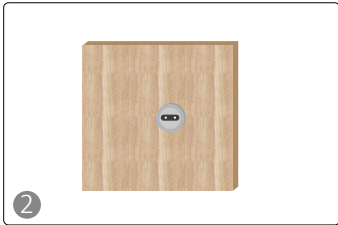
Operations

- The IR sensor switch will turn on the LED light when the hand pass over the detector within 10cm, and will turn off the LED light when the hand pass over the detector again.

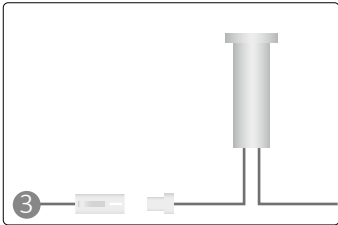
Installation Steps



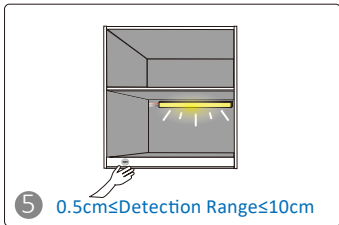
1 Drill a hole of Φ14mm and minimum depth 54mm in wooden plate.



2 Insert the sensor into the hole in the wooden plate.



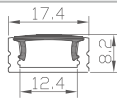
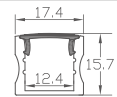
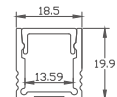
3 Connect the power supply



5 0.5cm≤Detection Range≤10cm
Automatically switch ON/OFF when the hand pass over.

Note: Please read the tag on the wire when connecting cables.
The function/program can be customized, made upon different needs, such as longer time for stay on, etc.

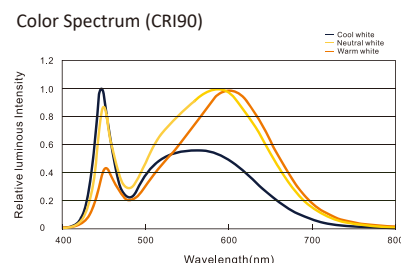
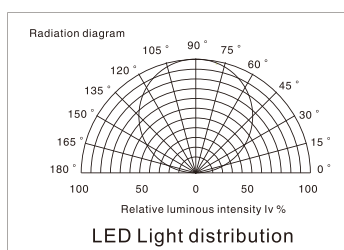
Recommended Profiles/Optional

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

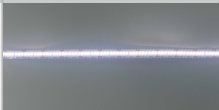
SMD2835, 60 LEDs/m

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