Functions
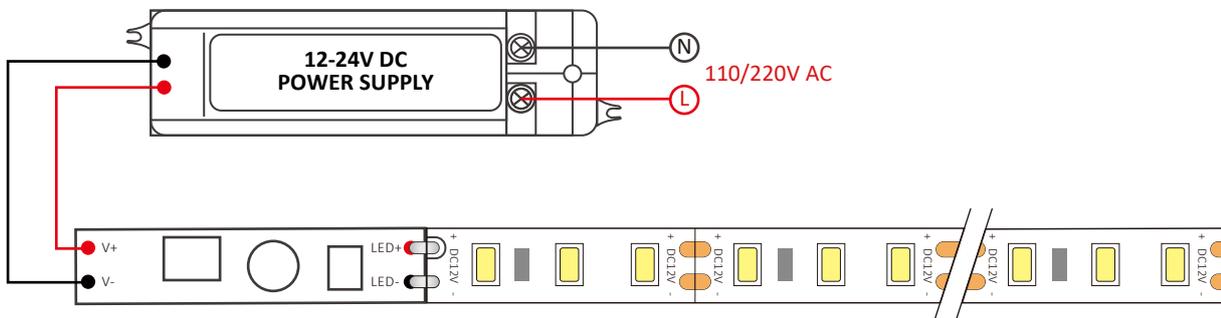
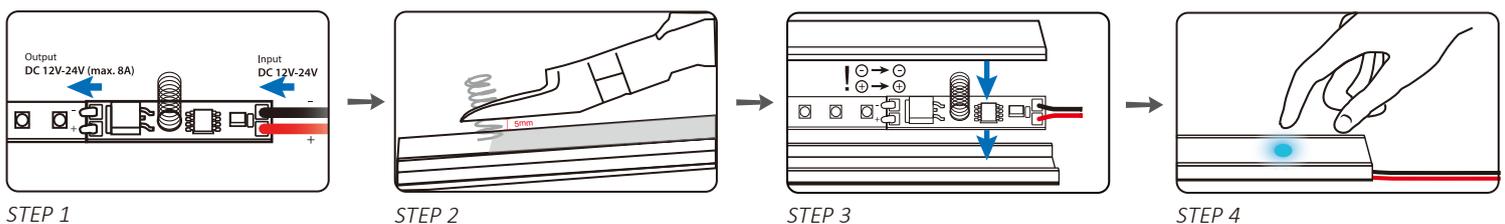| Model	TD002
Operation	Touch switch ON/OFF with dimming function
Input Voltage	12V–24V DC
Output Voltage	12V–24V DC
Input Current	8A
Height of Spring	20mm
Load Around	96W for 12V, and 192W for 24V

43mm
10mm

Connection Diagram

Operations

- **The conductive spring needs to be covered by insulation material, such as glass, plastic or ceramic material (Thickness≤3mm).**

- **Non-memory touch switch performs as below:**

  ① Originally Off when the power is connected.

  ② Quick touch (Time is less than 550ms) can turn ON/OFF the light. One touch to turn on; touch again to turn off. The lamp is 90% bright when it is on.

  ③ Hold on touching (Time is above 550ms) can adjust the brightness endlessly. It will reduce the bightness endlessy to the minimum in 3 seconds holding on when the light is on. It will increase the brightness endlessly to 100% in 3 seconds holding on when the light is off.

  ④ Quick touch and hold on touching can be chosen anytime without any collision.

Installation Steps

STEP 1

STEP 2

STEP 3

STEP 4

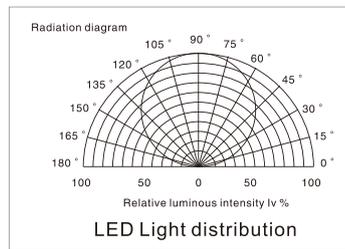*Note: The function/program can be customized, made upon different needs, such as longer time for stay on, etc.*

Recommended Profiles/Optional

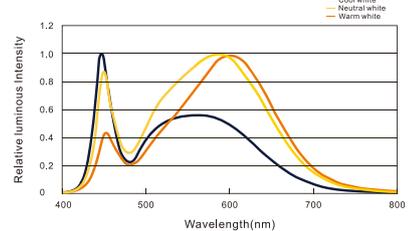| Model	Color	Size(mm)	Length	Drawing	Photo	Installation
A1707	White	17.4*82	1–3m	17.4 / 8.2 / 12.4		Surface mounting
A2507	Black	23.7*8.2	1–3m	23.7 / 6.1 / 17.4 / 8.2		Recessed mounting
F003	Aluminum	19.71*7.61	1–3m	19.71 / 7.61 / 10		Surface mounting

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

Radiation diagram

LED Light distribution

Relative luminous intensity Iv %

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 ☐ 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