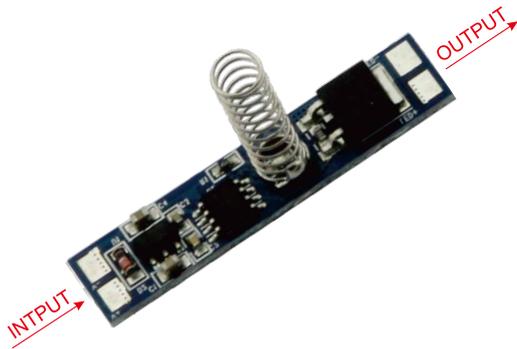
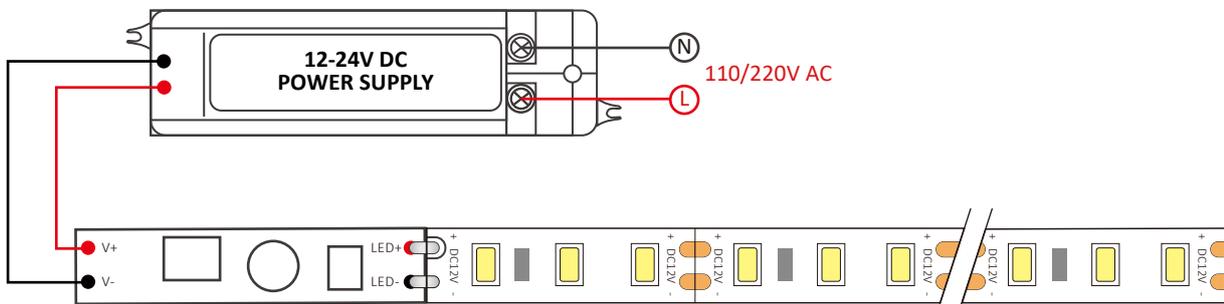


### Functions



Model	TD007
Operation	Touch switch ON/OFF with dimming and 0V memory
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
Dimension	43*10mm

### Connection Diagram

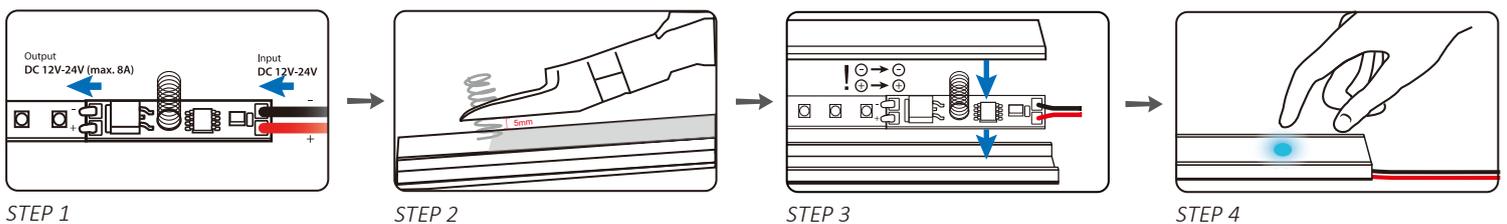


Touch switch ON/OFF with dimming and 0V memory.

### 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:
  - Originally “OFF” when the power is connected.
  - Quick touch (time is less than 550ms) can turn the light on and off. One touch to turn on, another touch to turn off. The lamp is 90% bright when it is on.
  - Hold on touching (time is above 550ms) can adjust the brightness endlessly. It will reduce the brightness endlessly 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.
  - Quick touch and hold on touching can be chosen anytime without any collision.
  - This sensor will memorize the status of the dimming in DC0V (power off) or DC12V-24V.

### Installation Steps



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

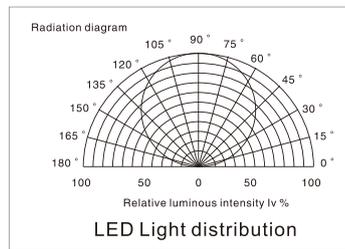
## Recommended Profiles/Optional

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

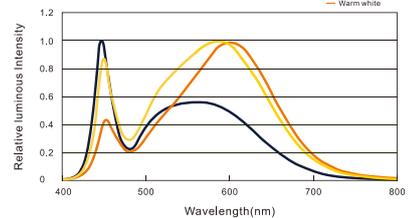
## Recommended Strips/Optional

### 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



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 <input type="checkbox"/>	90+		60	1000	12/24	14.4	5
	NW <input type="checkbox"/>				1100			
	CW <input type="checkbox"/>				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 <input type="checkbox"/>	90+		120	1300	12/24	14.4	5
	NW <input type="checkbox"/>				1400			
	CW <input type="checkbox"/>				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 <input type="checkbox"/>	90+		280	1420	24	19.2	5
	NW <input type="checkbox"/>				1460			
	CW <input type="checkbox"/>				1510			