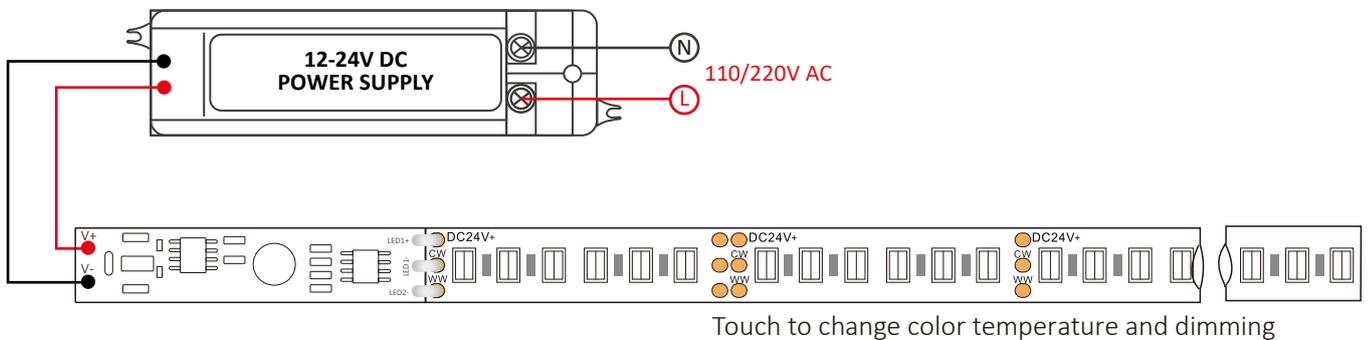


### Functions

|                  |   |
|------------------|---|
| Model            | TD015   |
| Operation        | Touch to change color temperature and dimming and 0V memory |
| Input Voltage    | 12V--24V DC   |
| Output Voltage   | 12V-24V DC  |
| Input Current    | Single channel : max. 4A, total max.6A                      |
| Height of Spring | 20mm  |
| Load Around      | 72W for 12V and 144W for 24V                                |
| Dimension        | 50*10mm   |

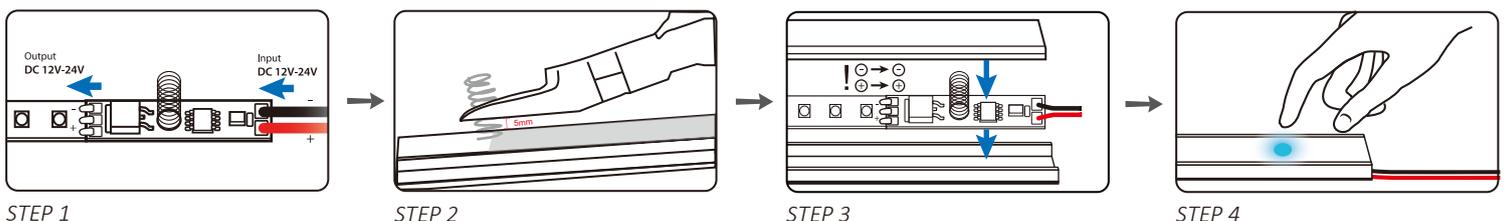
### Connection Diagram



### Operations

- The conductive spring needs to be covered by insulation material such as glass, plastic or ceramic material, thickness ≤ 3mm.
- 0V-memory touch switch performs as below:
  - When the power is turned on, the switch state and brightness of the light bar are the same as the condition of last switch off
  - First click: turn on WW; Second Click: turn on CW; Third click: turn on NW (turn on both WW and CW); click again to turn off the light, and above steps repeatable! When the light is on, touch for a long time (≥ 550ms), and the light bar can be dimming from 5% to 100%; after adjusted to the brightest or darkest, the brightness of the light strip will no longer change.
  - 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.**

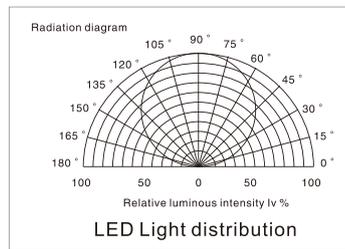
## Recommended Profiles/Optional

| 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  |

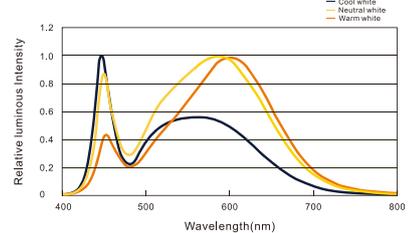
## Recommended Strips/Optional

### 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

#### SMD3527, 120 LEDs/m

| Size (mm)    | Color     | CRI | Photo | LED Qty/m | Lumen/m   | Voltage (V) | Power (W/m) | Packing (m/reel) |
|--------------|-----------|-----|-------|-----------|-----------|-------------|-------------|------------------|
| L5000*W10*H2 | WW + CW   | 80+ |       | 120       | 840 + 960 | 24          | 19.2        | 5                |
|              | WW + Blue |     |       |           | 960 + 300 |             |             |                  |

#### SMD5025, 60 LEDs/m

| Size (mm)    | Color   | CRI | Photo | LED Qty/m | Lumen/m   | Voltage (V) | Power (W/m) | Packing (m/reel) |
|--------------|---------|-----|-------|-----------|-----------|-------------|-------------|------------------|
| L5000*W10*H2 | WW + CW | 80+ |       | 60        | 720 + 810 | 12/24       | 14.4        | 5                |