Specification of TD Series

SurMountor

DC Input
Output
8mm
46mm

Functions

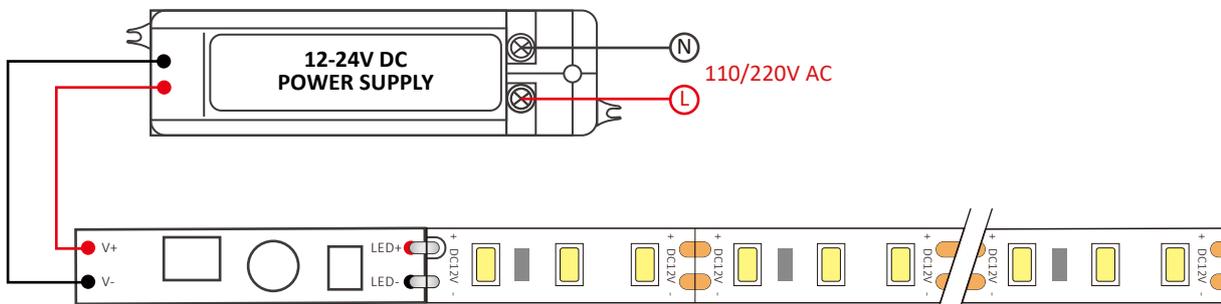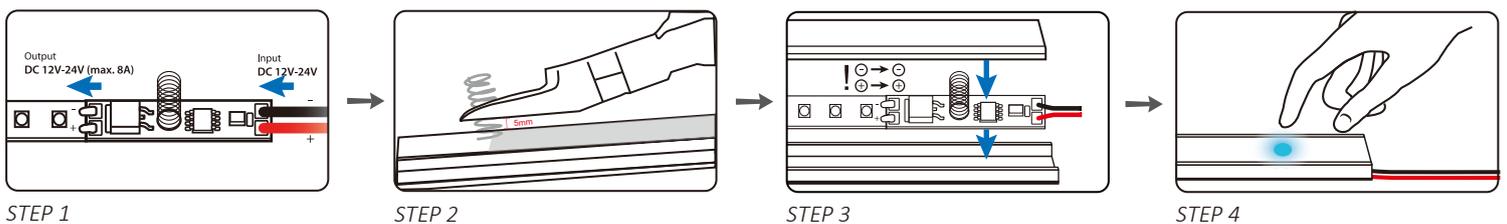| Model	TD010
Operation	Switch ON/OFF with dimming and memory with brightness buffer in 3 seconds
Input Voltage	12V–24V DC
Output Voltage	12V–24V DC
Input Current	8A
Height of Spring	20mm
Load Around	96W for 12V, and 192W for 24V

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.**

- Originally "OFF" when the power is connected.

- Quick touch(time is less than 550ms) can turn the light on and off. Touch to turn on with brightness buffer in 3 seconds; another touch to turn off with brightness buffer in 3 seconds. The lamp is 90% bright when it is on.

- Hold on touching (time is above 550ms) can adjust the brightness endlessly. The brightness will be reduce or increase with brightness buffer.

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

- This sensor will memorize the status of the dimming in DC12V-24V.

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.

ShenZhen Surmountor Lighting Co., LTD
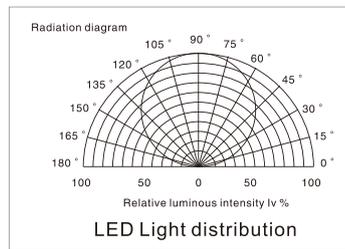
TEL: +86-0755-27926119/27926326   E-mail: sales@surmountor.com   ADD:4/F, No.2 Factory Building, Dayang, No.4 Tangwei Industrial Avenue, FuHai Street, Bao'an, Shenzhen, China

Recommended Profiles/Optional

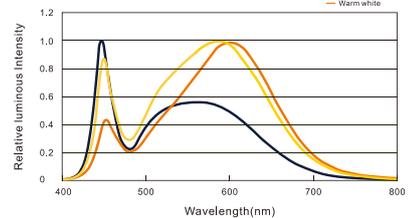| Model	Color	Size(mm)	Length	Drawing	Photo	Installation
A1707	White	17.4*82	1–3m			Surface mounting
A2507	Black	23.7*8.2	1–3m			Recessed mounting
F003	Aluminum	19.71*7.61	1–3m			Surface mounting

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

Radiation diagram

LED Light distribution

Relative luminous intensity Iv %

Color Spectrum (CRI90)

— Cool white
— Neutral white
— Warm white

Relative luminous Intensity

Wavelength(nm)

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