Specification of IR Series

SurMountor

40mm
40mm
8mm

Functions

Model	TD006
Operation	ON/OFF + dimming function +memory
Input Voltage	12V–24V DC
Output Voltage	12V–24V DC
Input Current	4A
Input and output cable length	DC wire 25cm
Load Around	48W for 12V, and 96W for 24V

Connection Diagram

12-24V DC POWER SUPPLY

N
110/220V AC
L

LED+
LED-
+
-
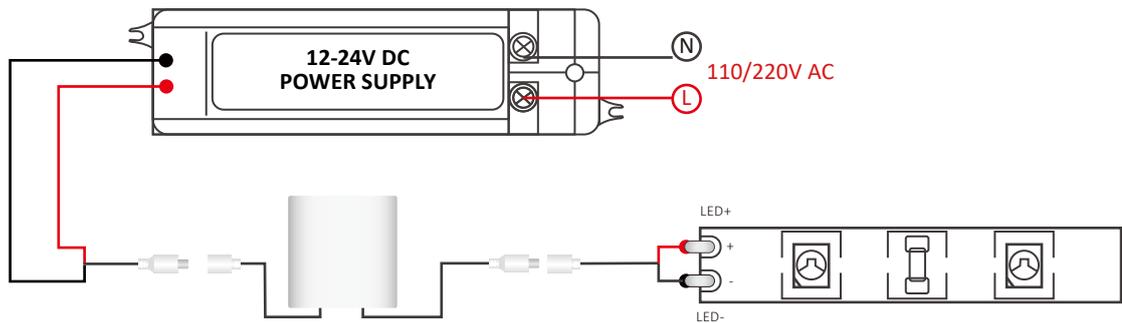
Operations

**With memory external switch on/off and dimmer:**
Touch the wood panel or glass maximum thickness 25mm where the TD006 switch is located to turn ON/OFF the led lamps.

- Originally "Off" when the power is connected.

- 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.

- 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 ison. It will increase the brightness endlessly to 100% in 3 seconds holding on when thelight is off.

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

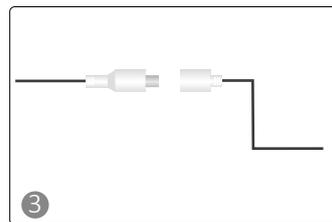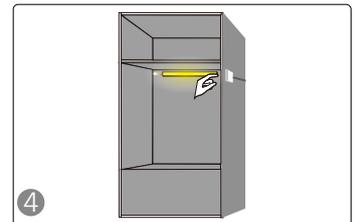- This sensor will memorize the status of the dimming in 12V-24VDC.

Installation Steps
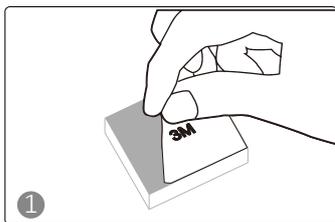
① Stick the 3M tape on the sensor switch
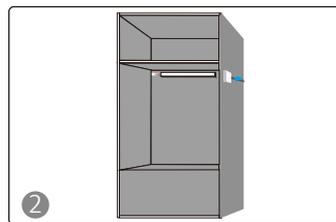
② Fixed the sensor onto the cabinet

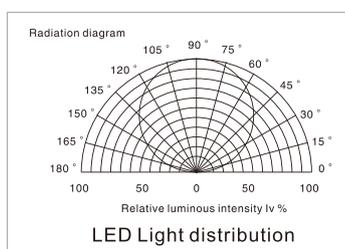③ Connect to the power supply

④ Working status

Recommened Profiles/Optional

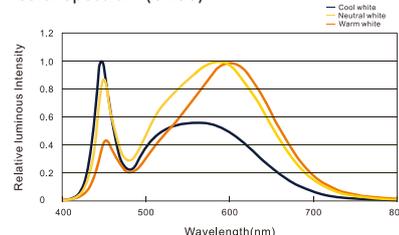| Model	Color	Size(mm)	Length	Drawing	Photo	Installation
A1707	White	17.4*82	1–3m			Surface mounting
A1715	Black	17.4*15.7	1–3m			Surface mounting
A1920	Aluminum	19.9*18.5	1–3m			Surface mounting

Recommened 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)

Relative luminous Intensity

Wavelength(nm)

Cool white
Neutral white
Warm white

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

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