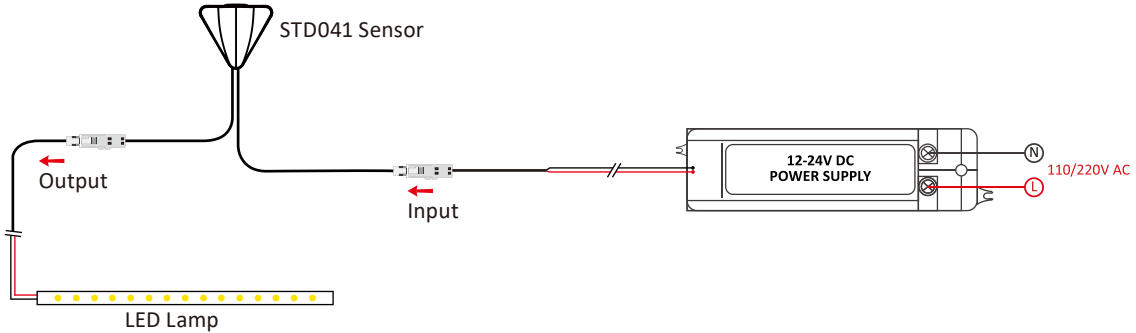


Functions

Model	STD041
Operation	ON/OFF+dimming function+memory+buffer
Input Voltage	12V–24V DC
Output Voltage	12V–24V DC
Input Current	4A
Input and output cable length	0.5m (length can be ordered)
Load Around	48W for 12V, and 96W for 24V

Connection Diagram



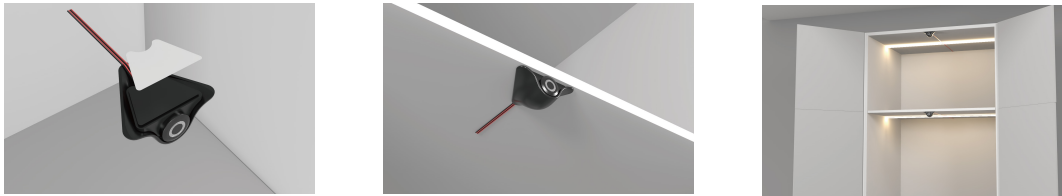
Operations

• With memory external switch on/off and dimmer:

- 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 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 when the light is off.
- ④ 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.
- ⑤ Double touch within 2 seconds to turn the indicator light on or off.

Installation Steps

Surface Mounting Method 01: Installation with EVA Adhesive Backing



Surface Mounting Method 02: Installation Using Screws for Fixation



Note: Please read the tag on the wire when connecting cables; The function/program can be customized, made upon different needs.

Notice

- During testing, it is forbidden to hold the sensor with one hand while touching with another hand.
- This sensor cannot be installed on conductive materials.

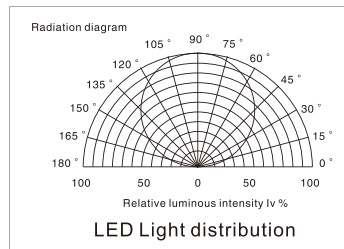
Recommended Profiles/Optional

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

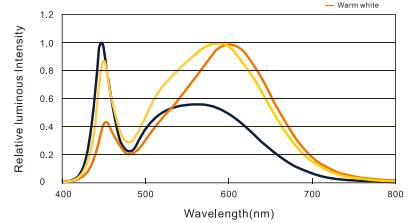
Recommended Strips/Optional

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"/> NW <input type="checkbox"/> CW <input type="checkbox"/>	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 <input type="checkbox"/> NW <input type="checkbox"/> CW <input type="checkbox"/>	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 <input type="checkbox"/> NW <input type="checkbox"/> CW <input type="checkbox"/>	90+		280	1420 1460 1510	24	19.2	5