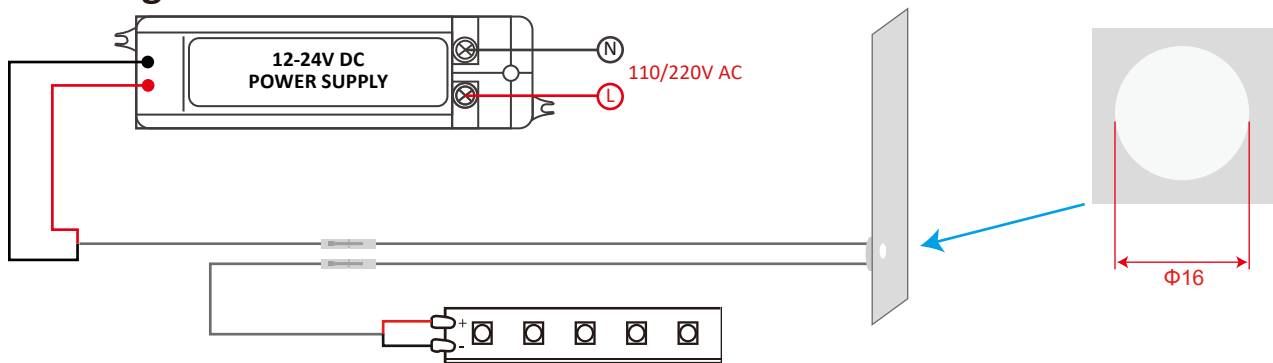




Functions

Model	MSS001
Operation	Turn ON/OFF the light when hand pass over the mirror within 10cm
Input Voltage	12V–24V DC
Loading Power	4A Max
Detection Range	≤18cm (When there's no PC cover)
Input and output cable length	1m(length can be ordered)
Load Around	48W for 12V, and 96W for 24V
Input and output cable length	1m(length can be ordered)

Connection Diagram



Operations

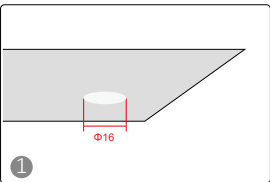
The Proximity Switch(motion sensor) is designed to be used for led back lighting of Mirror. It is dedicated for switching LED lights “on” and “off” without touching the switch. The Proximity switch operates based on an active reflective photocell. The cyclical device sends a string of infrared impulses and measures the strength of the reflected signal. When a hand is close to the sensor the infrared impulses reflect from the hand and bounce back to the sensor. If the strength of the signal is maintained on the appropriate level, the output of the sensor will reverse its state. The infrared light is emitted on a definite frequency as a result. The sensor is resistant to signals coming from other sources such as infrared remote controls, lamps or sunlight.

***Caution: avoid being exposed to the other lamp or strong light outside the lamp.**

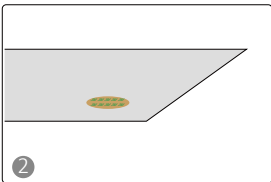
Applications

- The Proximity switch is dedicated for applications that requires very high hygiene standards such as: laboratories, hospital operating rooms.
- The switch guaranties safety while turning the light on in the bathroom with wet hands or any other applications where you may not physically want to touch the switch.
- The switch provides comfort for example while working in the kitchen as it allows for quick and secure triggering of lighting during work, often with unwashed hands.

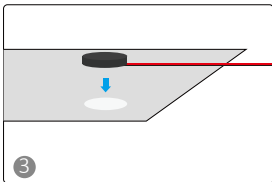
Installation Steps



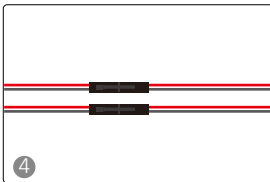
Remove the coating of the corresponding area on the back of the mirror to install the sensor.



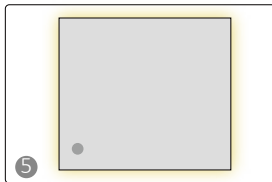
Stick the 3M tape in the appropriate position.



Fix the sensor with 3M tape on the back of the mirror.

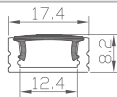

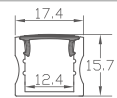

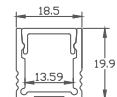



Connect the light strip and the sensor to power on.



Touch the mirror surface point with sensor to control the ledlight on/off and dimming.

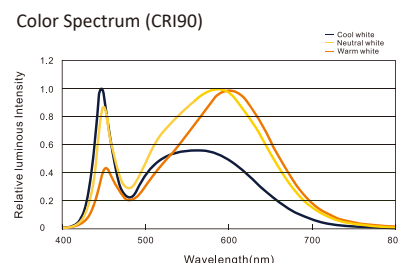
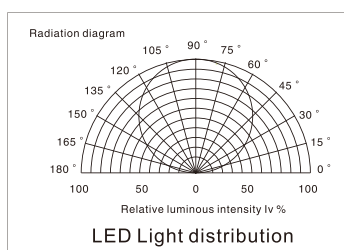
Recommended Profiles/Optional

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

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







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