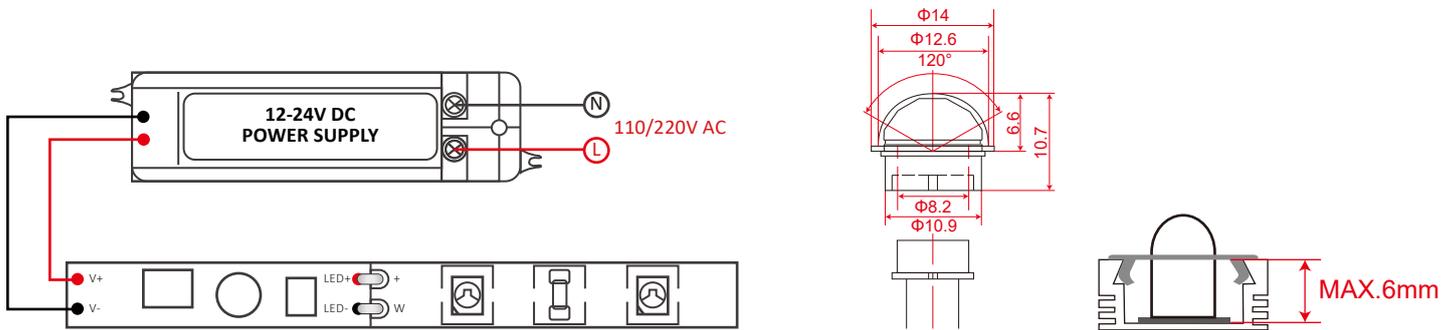


Functions

| | |
|----------------|------------------------------|
| Model | PIR002 |
| Operation | Automatically ON/OFF |
| Input Voltage | 12V–24V DC |
| Output Voltage | 12V–24V DC |
| Loading Power | 2.5A Max |
| Delay Time | About 40 seconds |
| Load around | 30W for 12V, and 60W for 24V |
| Dimension | 55*10mm |

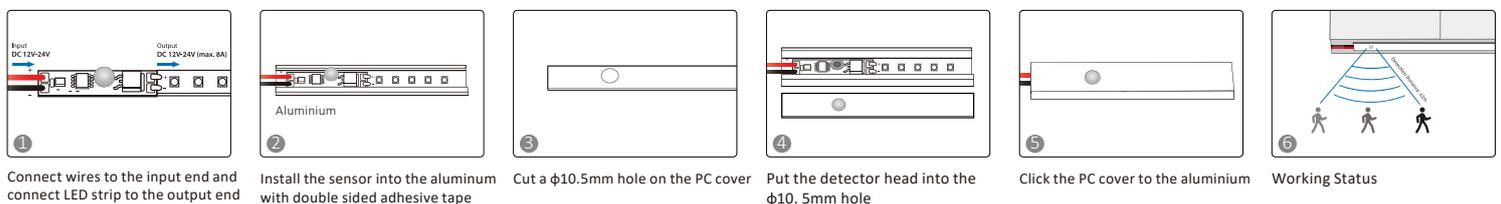
Connection Diagram



Operations

- PIR sensor switch PIR002 can be assembled into lighting fixtures, so the lighting fixture can automatically turn on when any part of human body is approaching within 2 meters from the sensor.
- The lighting fixture equipped with this PIR sensor will stay on if the human body stays within 2 meters from the sensor.
- It will turn off in 40 seconds after human body move away more than 2 meters.

Installation Steps



Note: The function/program can be customized, made upon diferent needs, such as longer time for stay on, etc.

Notices

1. Avoid being exposed to sunlight, auto bulb and incandescent lamp, neither to heat source (such as radiator and heater), or air conditioner, in case of faulty detection caused by ambient temperature change.
2. Sensor switches must be firmly installed, in case of faulty detection from wind shaking.
3. Don't touch the surface of detector.
4. Regularly clean the optical lens surface with wet soft cloth or cotton, in case of dust influence the sensitivity.

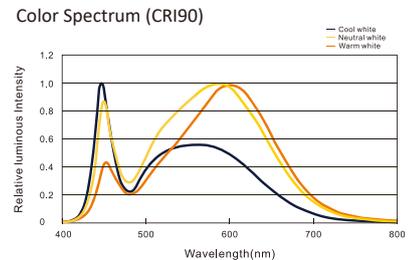
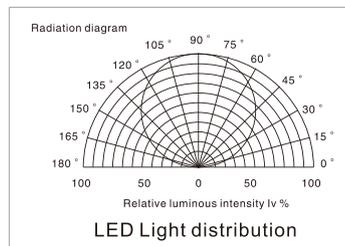
Recommended Profiles/Optional

| Model | Color | Size (mm) | Length | Drawing | Photo | Installation |
|-------|----------|-----------|--------|---------|-------|------------------|
| A1616 | Aluminum | 16*16 | 1-3m | | | Corner mounting |
| A1715 | White | 17.4*15.7 | 1-3m | | | Surface mounting |
| C1919 | Black | 18.5*18.5 | 1-3m | | | Corner 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 <input type="checkbox"/> | 90+ | | 60 | 1000 | 12/24V | 14.4 | 5 |
| | NW <input type="checkbox"/> | | | | 1100 | | | |
| | CW <input type="checkbox"/> | | | | 1200 | | | |

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"/> | 90+ | | 120 | 1300 | 12/24V | 14.4 | 5 |
| | NW <input type="checkbox"/> | | | | 1400 | | | |
| | CW <input type="checkbox"/> | | | | 1500 | | | |

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