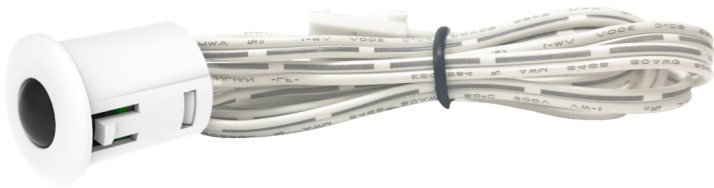


PIR Motion Sensing Switch

- Concealed PIR motion sensing switch, constant voltage output, connect with low voltage LED strip.
- Dupont male jack in, dupont female jack out.
- Maximum 3A output current, maximum power 72W@24V.
- Bilateral snap design for easy installation.
- Used for lighting stairs, garages, cabinets, closets, wine cabinets and more.

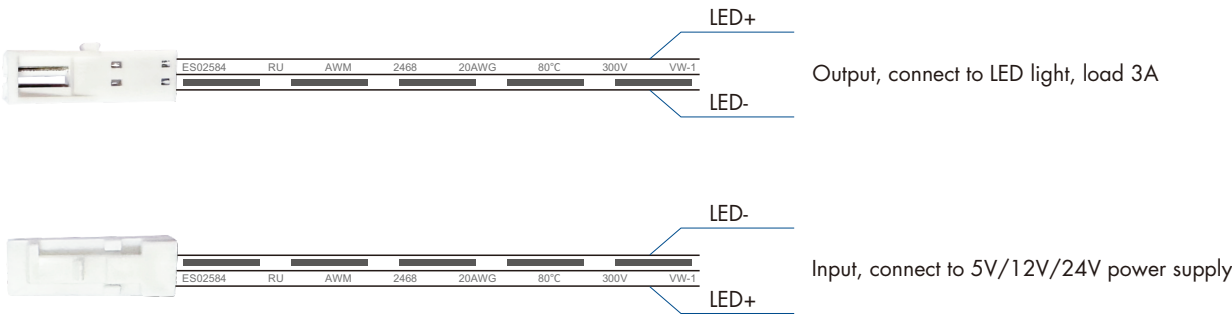
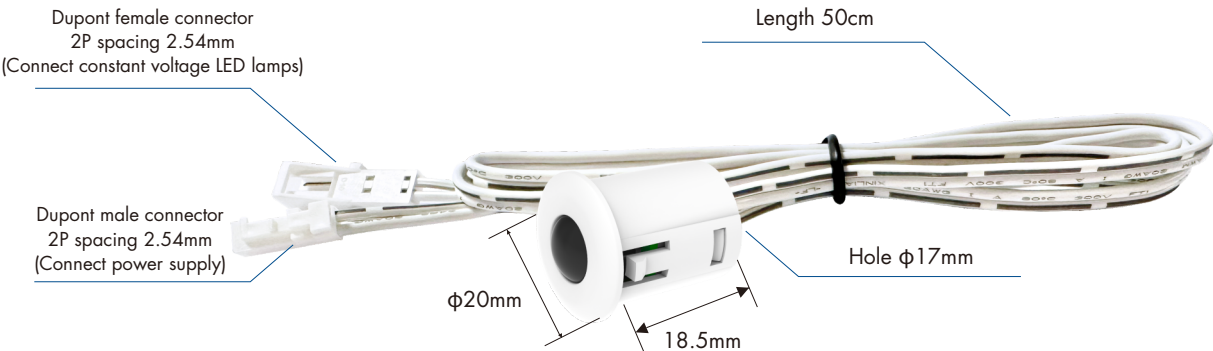


CE RoHS

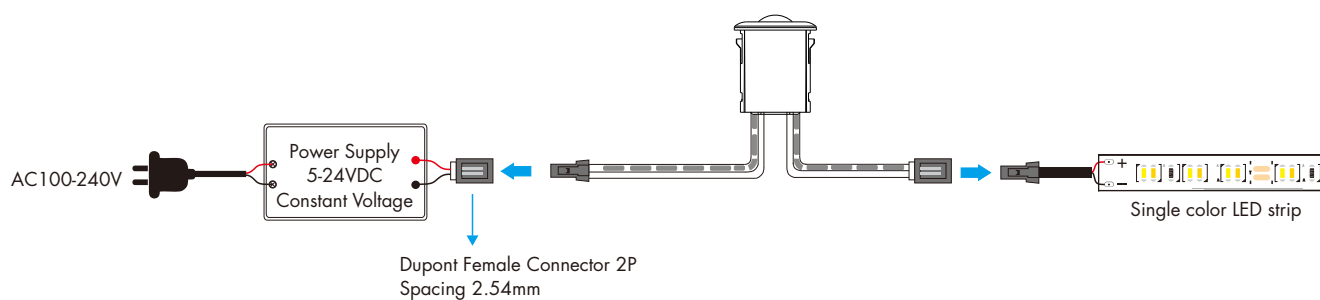
Technical Parameters

| Input and Output   |         | Environment           |                  | Safety and EMC  |                           |
|--------------------|---------|-----------------------|------------------|-----------------|---------------------------|
| Input voltage      | 5-24VDC | Operation temperature | Ta: -30℃ ~ +50℃  | EMC standard    | EN IEC 55015/EN IEC 61547 |
| Output voltage     | 5-24VDC | Protection            | Reverse polarity | Safety standard | EN 61347-1/-2<br>EN 62493 |
| Output current     | Max. 3A | Package               |                  | Certification   | CE RoHS                   |
| Output power       | 15-72W  | Size                  | L80xV45xH30mm    |                 |                           |
| Sensor Data        |         | Gross weight          | 0.028kg          |                 |                           |
| Detection distance | 3-4m    |                       |                  |                 |                           |
| Detection angle    | 120°    |                       |                  |                 |                           |

Mechanical Structures

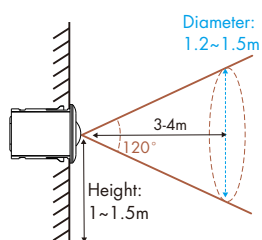


## Wiring Diagram

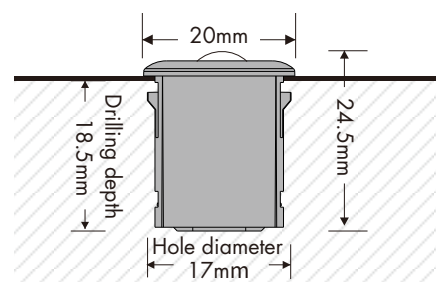
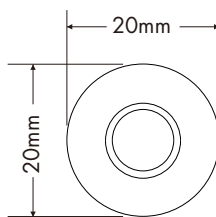
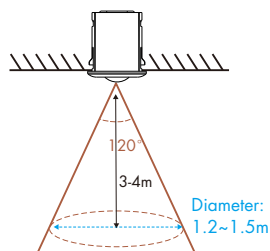


## Sensing Switch Installation

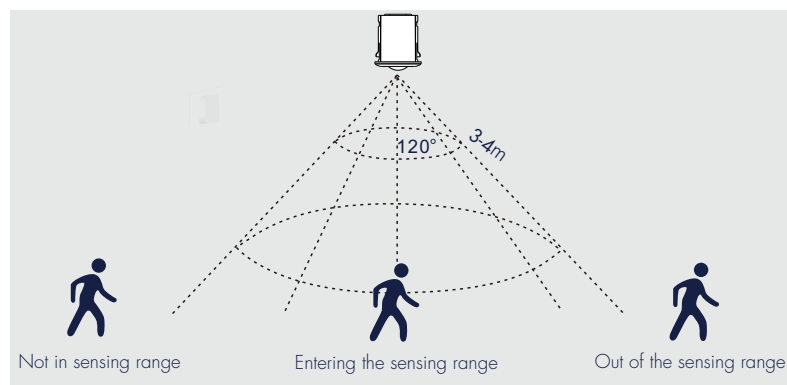
Wall mounting:



Ceiling mounting:



## Sensing Switch Application



When people enter the sensing range, the light turn on;  
when people exit the sensing range, the light turn off after 30 seconds.

## Installation Precaution

1. Recommended for wall mounting.
2. If the sensing head is exposed to direct sunlight, interference signal will be introduced.
3. The sensing head should be installed in a dry environment and keep away from windows, air conditioner and fans.
4. Make sure that the sensing head stays away from heat source, such as countertops, kitchen appliances which generate hot steam, walls and windows in direct sunlight, air conditioner, heating, refrigerators, stoves and so on.
5. We recommended the wall-mounted installation height is 1-1.5 meters and the ceiling mounting height is no more than 3 meters.
6. There should not be shelter(screen, furniture, large bonsai) within the range of detection.