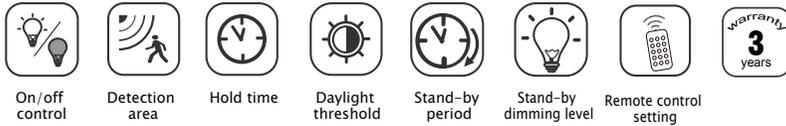


## Detached, Remote control

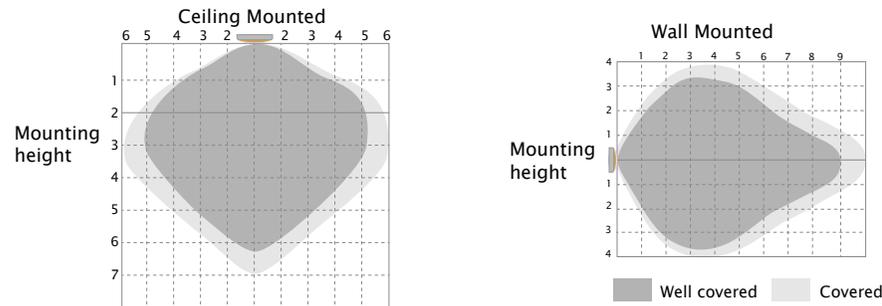
HT57V-I

1. 5.8GHz microwave motion sensor with dimmable function.
2. Suitable for Tri-Proof light.
3. Detached version flexible installation.
4. Remote Control.
5. 3 year warranty.



### Detection coverage

This figure indicates the maximum distance at the highest mounting height with 100% sensitivity. Typical installation height 2.5-6m



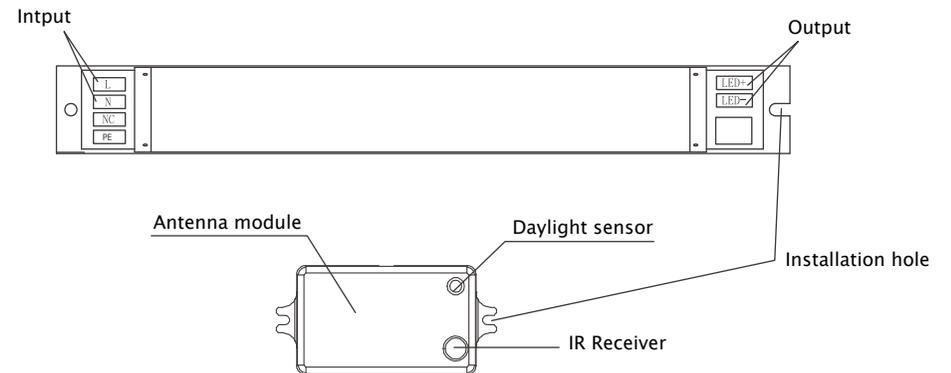
### Technical data

Input voltage	120~277VAC 50/60Hz
Input current	0.6A(Max)
Input power	75W (Max)
Stand-by power	≤1W(230VAC)
Output LED current	1.20A/1.30A/1.40A/1.5A ±5%
Output LED voltage	30-40V(1.5A)/30-42V(1.4A)/30-46V(1.3A)/30-48V(1.2A)
Output LED power	60W (Max)
Detection area	100%/75%/50%/25%
Hold time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold	Disable/120Lux/80Lux/50Lux/30Lux/10Lux/2Lux
Stand-by period	0s/10s/30s/1min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	2.5-6m (ceiling mounted)
Detection range	Radius, 4-8m (ceiling mounted)
Empty load voltage	≤60VDC
Power factor	≥0.9
Efficiency	≥82% (Max.)
Operating temperature	Ta: -20°C~55°C Tc: 80°C
Abnormal protection	SCP: Auto recovery,OVP,OCP,OTP
EMC standard	EN55015
IP rating	IP20

Input-output withstand voltage test: 3200Vac; Output-the shell withstand voltage test: 500V; Test time 3s.

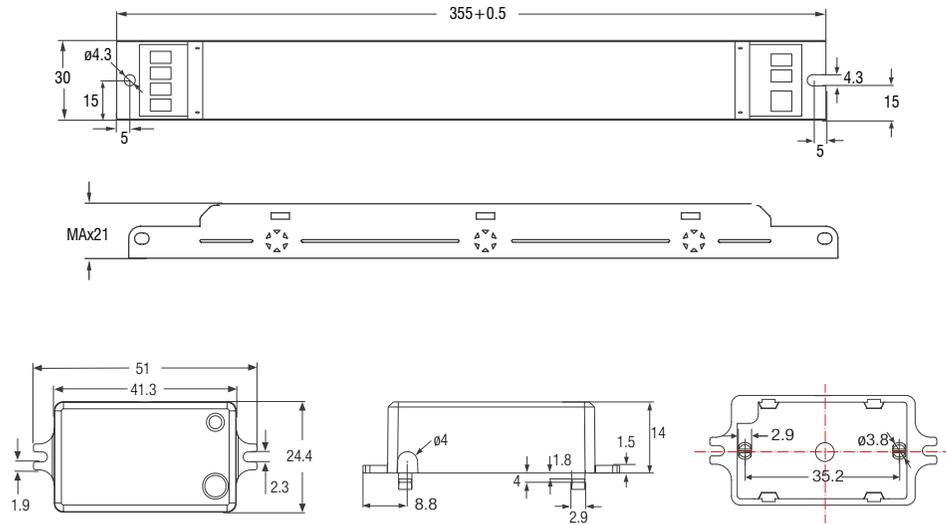
Factory Default Setting: Detection area 100%/ Hold time 5s/ Daylight threshold Disable/Stand-by period 0s/ Stand-by dimming level 10%.

### Mechanical structure

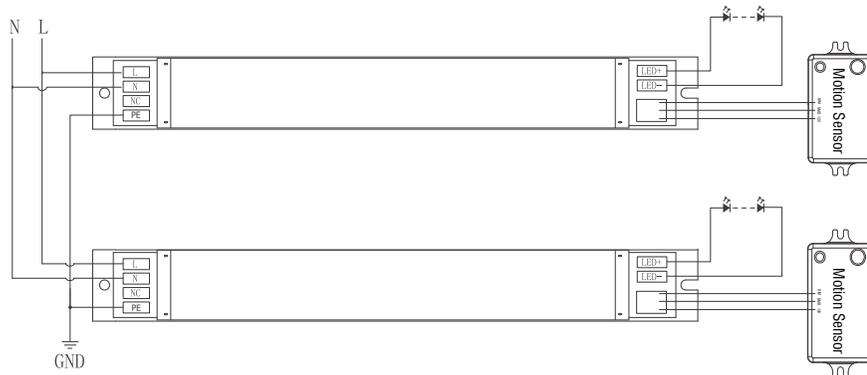


## Dimensions (Unit: mm)

HD01VR-4 Wire diameter 3mm, Standard Version Cable Length 490±10mm (can be customized).



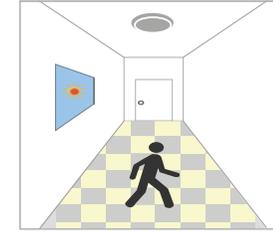
## Wiring diagram



## Application

### 1. Automatically ON/OFF function:

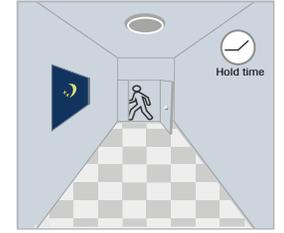
Light on when detect movement and off after people leave at night. Applications: Corridor, Staircase. The daylight threshold is set to "2lux,10lux,50lux"



With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON.



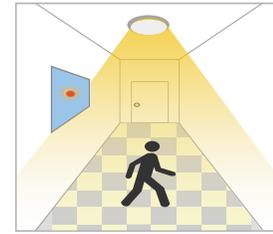
After the last detection and the present hold time elapsed, light OFF.

### 2. No daylight function

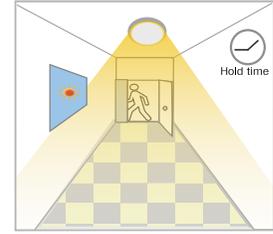
The daylight threshold is set to "Disable".

Light on when detect movement, After people leave, Light off after stand-by period.

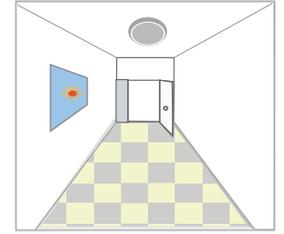
Applications: Dim places such as Basement Parking, Underpass.



When motion is detected, the sensor will switch on the light to 100% brightness.

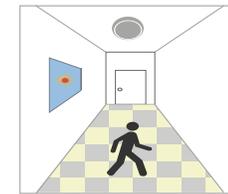


After people leave the detection area, light remains 100% brightness within hold time.



After the last detection and the present hold time elapsed, light OFF.

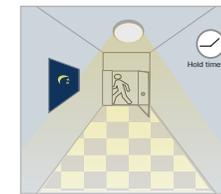
### 3. Function Demo - Dimmable control/Corridor function



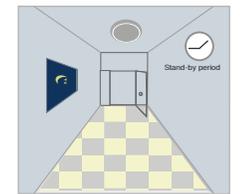
With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON.



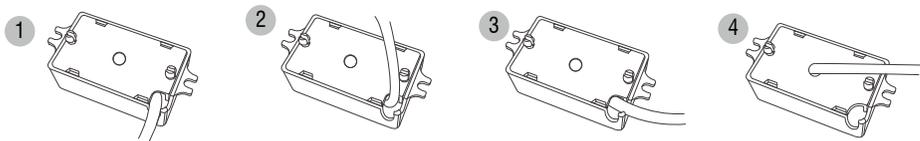
After last detection, the light will be dimmed down to the stand-by dimming level (10%,20%,30% or 50%) after holdtime.



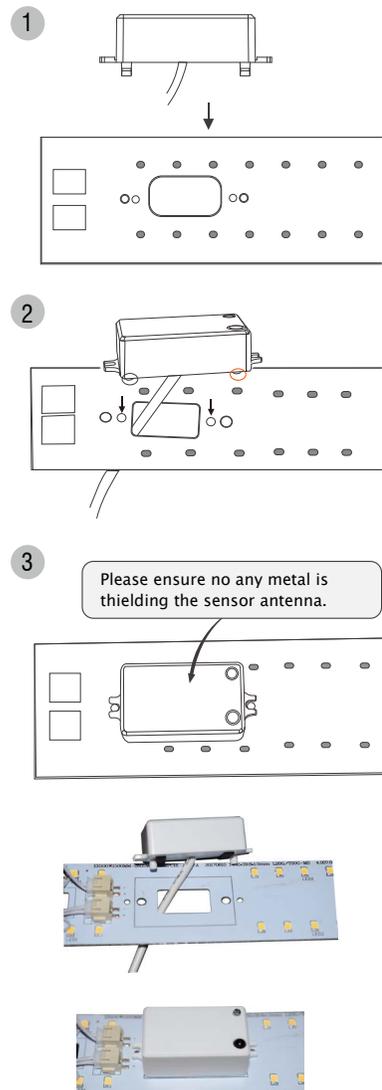
After the stand-by period, light OFF.

## Installation Method

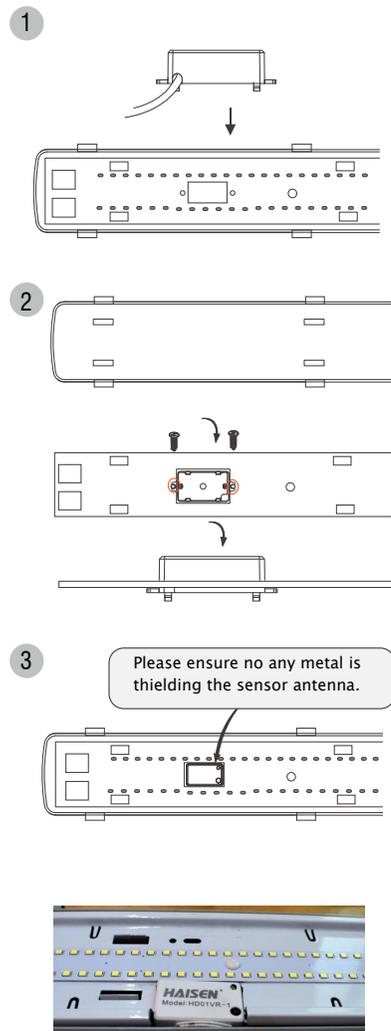
4 styles of installation



### Cable on center



### Cable on tip side



## Attention



1. Please read the instructions carefully before using this product and keep it well for all users to read at any time.
2. The sensor should be installed by qualified electrician and ensure power is off before the installation.
3. We reserve the right to modify any incorrect text, image and necessary technical parameters.
4. Any unauthorized modification is forbidden, otherwise all guarantees will be immediately invalid.

## Installation precautions

1. Microwave sensor can be installed in any lamp except the one with full metal shell.
2. The detected surface cannot be shielded by metal objects.
3. Make sure the microwave module is completely exposed outside.
4. The detection surface of the sensor module shall be installed facing the detection area.
5. Should be kept away from the driver to avoid interference generation and lamp flashing.
6. Wiring must be strictly in accordance with the wiring diagram to avoid short circuit.

## Application Environment

1. Suitable for indoor installation to avoid false triggering due to external factors such as rain, wind or tree swing.
2. Shall not be installed in the place with all four metal shelters and small space (such as galvanized-iron roof).
3. Shall not be mounted installation, so as to avoid false trigger caused by the lamp itself shaking.
4. Shall not be installed next to large operating machines such as ventilator/ceiling fan to avoid false triggering caused by machine vibration.

## User Notes

1. Microwave can penetrate walls or glass thinner than 20cm and attenuate if thicker than 20cm.
2. The driver voltage shall be stable and float within 10%.
3. Detection area will be affected by speed of motion, mounting height and movement volume.
4. Conduct test on sunny days without the lampshade which will affect the tested lux value.