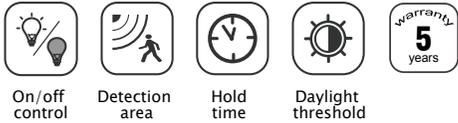


# For ceiling light

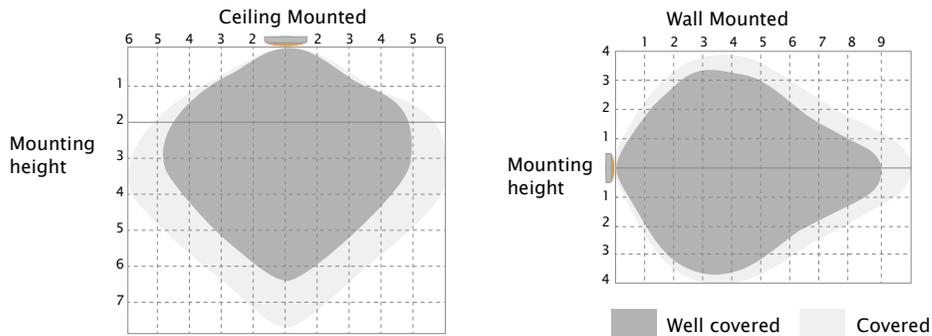
HD01S-6

1. Automatic On/off control with Daylight sensor.
2. Optional detection range, holdtime and daylight threshold .
3. Compact sized particularly suitable for Ceiling lights or Bulkhead.
4. Loop in and loop out for easy installation.
5. 5 year limited warranty.



## Detection coverage

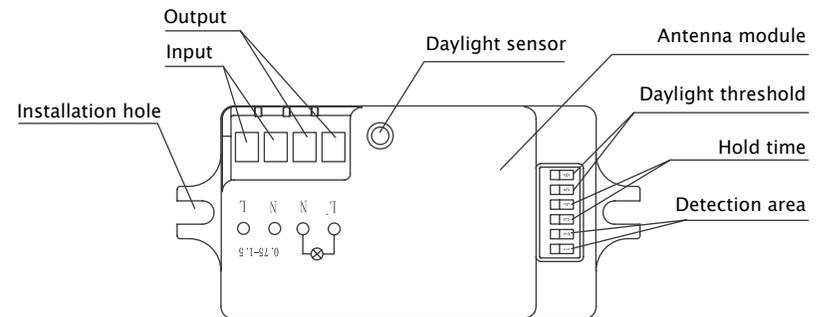
Typical installation height 2.5-6m  
 This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.



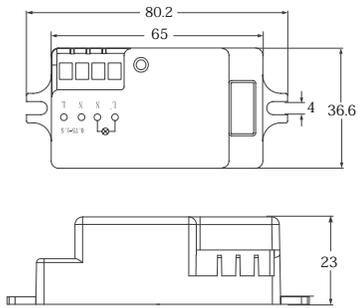
## Technical data

Operating voltage	220-240VAC 50/60Hz
Switching capacity	Max.400W(Control gear); Max.800W(Incandescent lamp)
Stand-by power	≤0.5W
Operating temperature	-20°C~+55°C
Detection area	10%/50%/75%/100%
Hold time	5s/90s/5min/15min
Daylight threshold	2Lux/10Lux/50Lux/Disable
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	2.5-6m/8.2-19.8ft (ceiling mounted)
Detection range	Radius, 3-6m/9.84-19.68ft (ceiling mounted)
Motion detection	0.5~1.5m/s
IP rating	IP20
Warranty	5 years

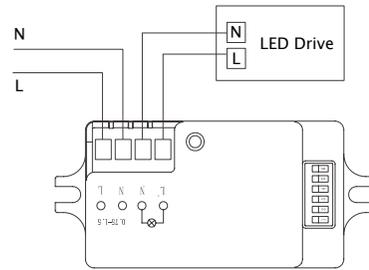
## Mechanical structure



## Dimensions (Unit: mm)



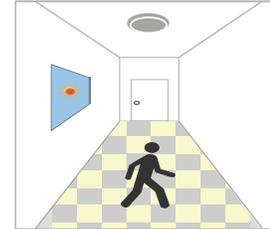
## Wiring diagram



## Application

### 1. Automatically ON/OFF function

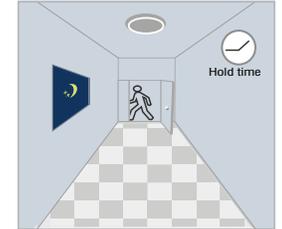
Light on when detect movement and off after people leave at night. Applications: Corridor, Staircase.



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

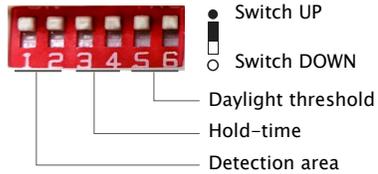


With insufficient daylight, when motion detected, light ON.



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

## Settings



1	2	
● ●		100%
○ ●		75%
● ○		50%
○ ○		10%

### Detection area

In this area, movement will be detected and able to trigger the sensor. 100% detection area is also known as the strong sensitivity.

3	4	
● ●		5s
○ ●		90s
● ○		5min
○ ○		15min

### Hold-time

The period of light keeping 100% brightness after moving objects leave the detection area.

5	6	
● ●		Disable
○ ●		50lux
● ○		10lux
○ ○		2lux

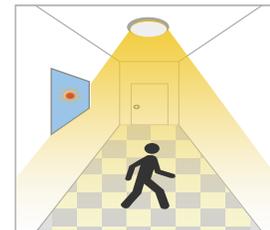
### Daylight threshold

Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works everytime it detects motion regardless the ambient brightness.

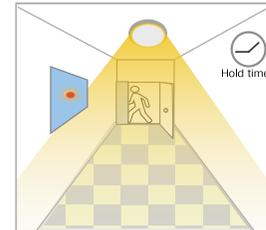
### 2. No daylight function

The daylight threshold is set to "Disable".

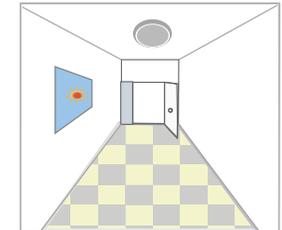
Light on when detect movement, After people leave, Light off after hold on time. Applications: Dim places such as Basement Parking, Underpass.



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.