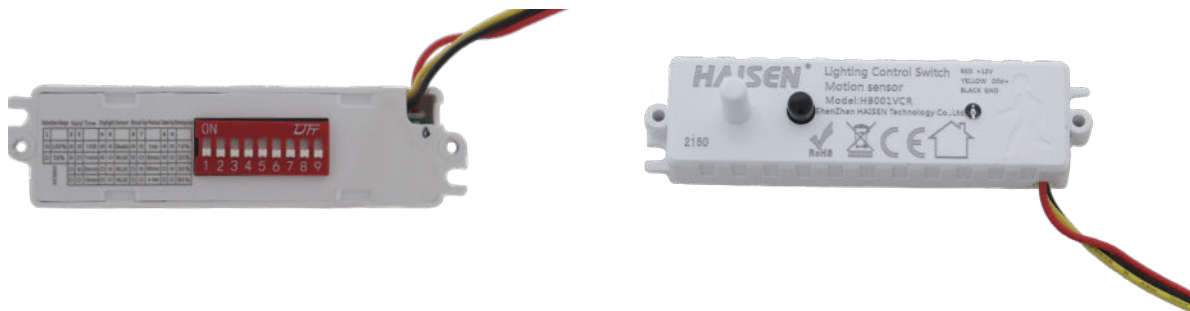


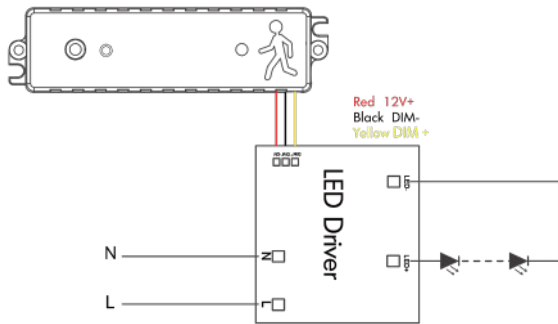
# MS01-MW-HW-DC Motion Sensor

Suitable for select VT4 fixtures

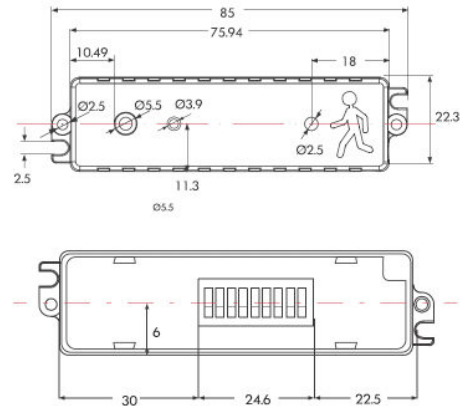
- On/Off Control
- Motion Detection
- Hold Time
- Daylight Sensor
- Stand-by Period
- Stand-by Dimming Level



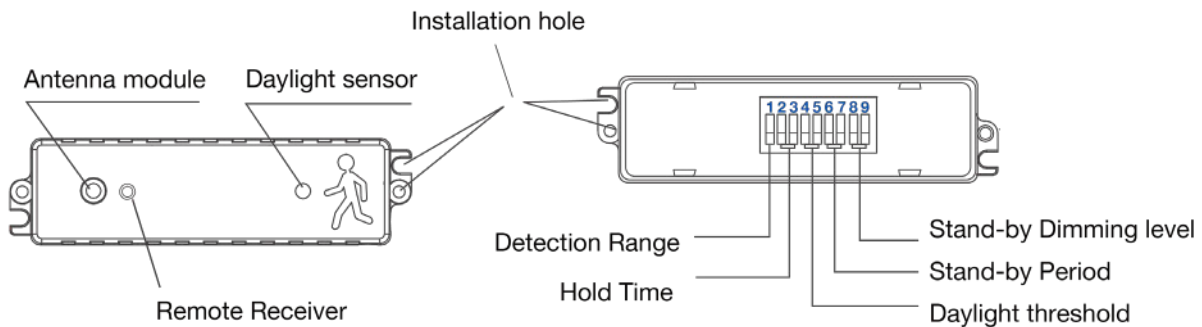
## WIRING DIAGRAM



## DIMENSIONS (MM)



## MECHANICAL UNIT

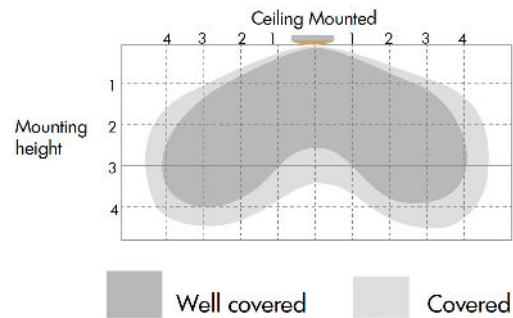


## TECHNICAL DATA

### TECHNICAL DATA

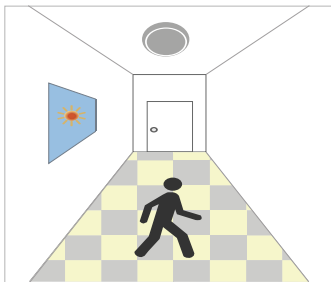
Operating Voltage	10.5-15V
Output	0-10V
Stand-by Power	≤ 0.5W
Detection Area	DIP Switch: 50% 100% Remote: 25% 50% 75% 100%
Stand-by Dimming	DIP Switch: 10% 20% 30% 50% 100% Remote: 10% 20% 30% 50% 100%
Microwave Frequency	5.8GHz ± 75MHz
Microwave Power	<0.3mW
Mounting Height	4 metres max (Ceiling Mounted)
Detection Range	10m x 4m diameter
Operating Temp	-20°C to 60°C
IP Rating	IP20

### DETECTION COVERAGE



**NOTE:** Optional Remote Control (HB7B-REMOTE) sold separately

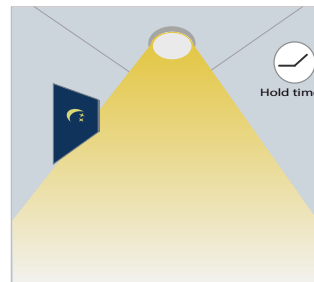
### APPLICATION - DIMMABLE CONTROL



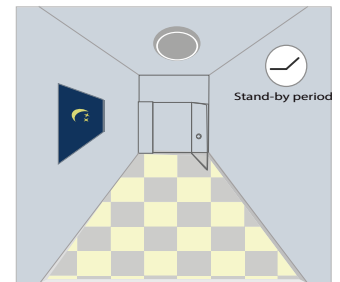
With sufficient ambient brightness, the light remains OFF when motion is detected.



With insufficient ambient brightness, the light turns ON when motion is detected.

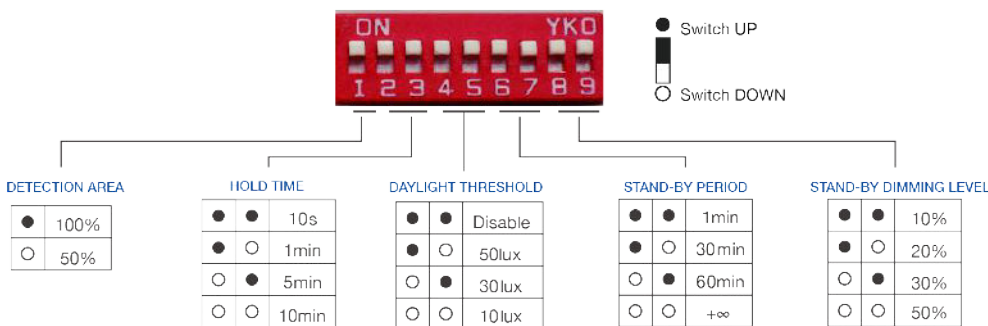


Light dims to stand-by level (10%, 20%, 30% or 50%) if no motion is detected after holdtime.



After the stand-by period, light turns OFF.

### SENSOR SETTINGS



#### Detection Area

Movement will be detected and trigger the sensor depending on the set sensitivity.

#### Hold Time

The period of time the fixture stays on after motion is no longer detected.

#### Daylight Threshold

When the ambient brightness is lower than the set lux, the fixture will turn on. When set to DISABLE, the fixture will always work, regardless of ambient light.

#### Stand-by Period

The length of time before the fixtures turn off completely. When it's set to "∞", the light will always stay dimmed.

#### Stand-by Dimming

Set the level of light output in the stand-by period.

HEAD OFFICE: 8 - 540 Jamieson Pkwy, Cambridge, ON, N3C 0G5 | orders@csc-led.com | (519) 880 - 9833