

# Microwave Motion Sensor



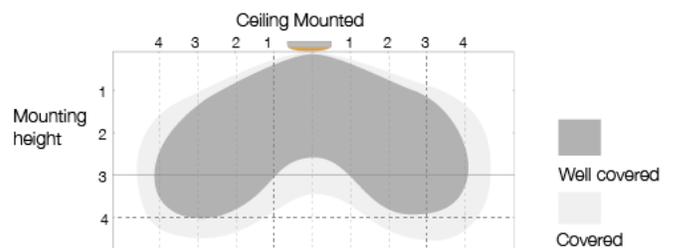
## TECHNICAL DATA

Operating Voltage	12VDC
Operating Current	1 A (Max)
Detection Area	50% 100%
Hold Time	5s / 30s / 1min / 10m
Daylight Threshold	2lux / 30lux / 50lux / Disable
Mounting Height	2.5m - 4m (8.2'-13.12')
Detection Range	Max.10m (32.8')
Hold Time	5s / 30s / 1min / 10m
Daylight Threshold	2lux / 30lux / 50lux / Disable
Mounting Height	2.5m - 4m (8.2'-13.12')
Detection Range	Max.10m (32.8')
Operating Temp	-20°C to 60°C
Stand-by Power	<0.5W
Stand-by Period	0s / 30s / 20min / +∞
Stand-by Dimming	10% / 20% / 30% / 50%
Microwave Frequency	+75MHz
Microwave Power	<1mW
IP Rating	IP20

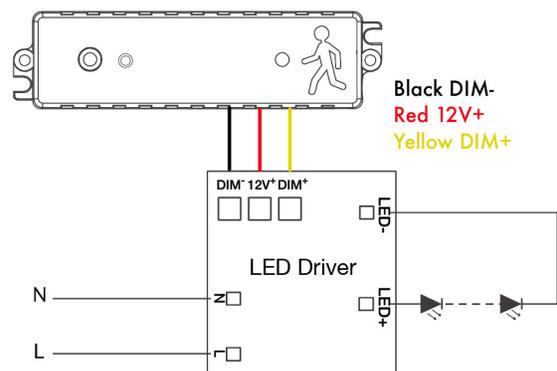
## INSTALLATION NOTES

1. Microwaves are reflected by metal. This product should not be used in applications with metal walls and ceilings. High sensitivity and/or false detection can occur.
2. This product should not be installed next to large operating machines such as ventilator/ceiling fan. By doing so, you may risk false triggering caused by machine vibration.

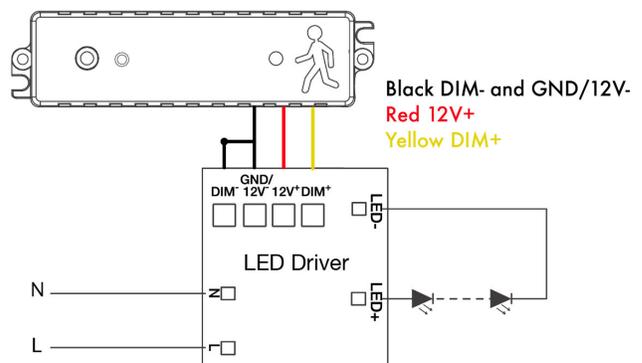
## DETECTION COVERAGE



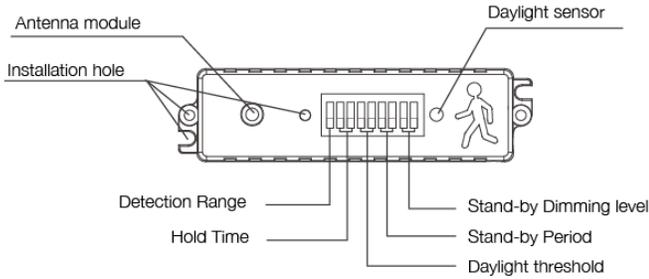
## WITHOUT GND/12V-



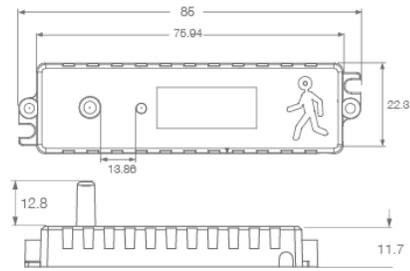
## WITH GND/12V-



## MECHANICAL STRUCTURE



## DIMENSIONAL DRAWING (UNIT: MM)



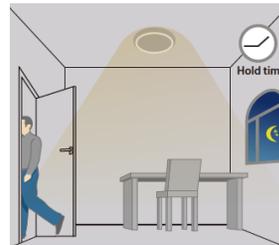
## APPLICATION



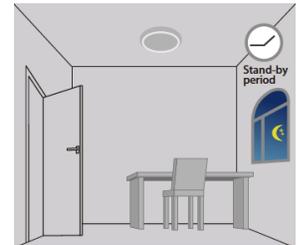
With sufficient daylight, even when motion is detected, the light remains OFF.



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

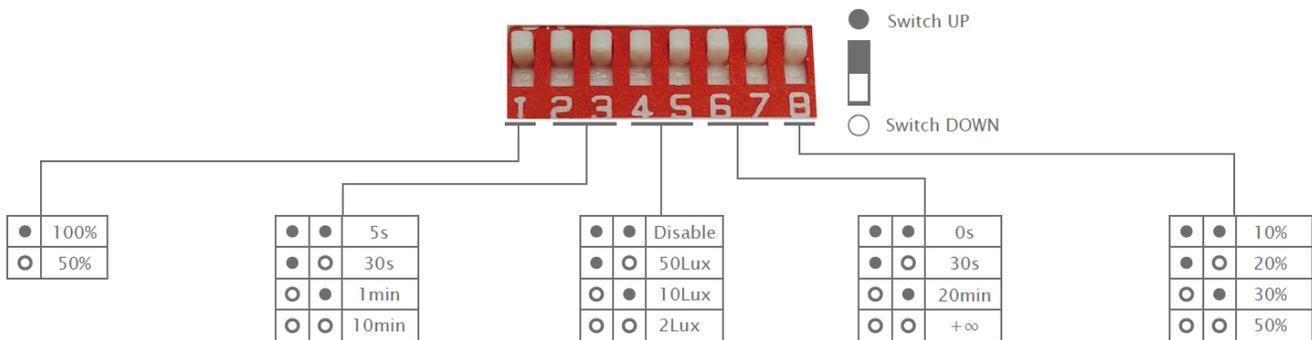


After last motion detection, the light will be dimmed down to the stand-by dimming level (10%, 20%, 30% or 50%) after the preset hold-time.



After the stand-by period, the light will turn OFF.

## SETTINGS



### Detection Area

In this area, movement will be detected and will trigger the sensor. 100% detection area is the strongest sensitivity.

### Hold Time

The period of time the light will remain at 100% brightness after moving objects leave the detection area.

### Daylight Threshold

Only when the ambient brightness is lower than the preset specific lux amount (50lux, 10lux, 2lux), will the fixture turn on. When set to "disable", the fixture turns on every time it detects motion, regardless of the ambient brightness.

### Stand-by Period

The length of time the fixture will remain at the set Stand-by Dimming Level (next instruction) before turning off completely. If set to +∞, unless motion is detected, the fixture will remain at the set dimming level indefinitely.

### Stand-by Dimming Level

The percentage of the dimmed output which will be held for the set Stand-by Period.