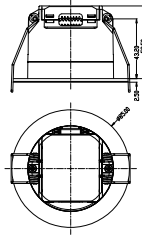


MSA015S RC

5.8GHz™
LOW Impedance ANT



CE μ RED 



Specification

| | |
|-----------------------|---|
| Rated Voltage | 120-277VAC 50/60Hz |
| Stand-by Power | <1.0W |
| Load Capacity | 400W (Inductive/LED) 800W (resistive) |
| Detecting Technology | Movement / minor motion / breathing |
| Working Mode | On-off |
| Operating Frequency | 5.8 GHz ±75 MHz, ISM band |
| Transmitting Power | 0.5mW Max. |
| Hold Time | 5S/30S/1Min/3Min/5Min/10Min/20Min/30Min |
| Detection Area | 100%/75%/50%/25% |
| Daylight Sensor | 5-150lux, Disable |
| Cut Size | Ø65-Ø75mm |
| Operating Temperature | -25-50 C |
| IP Rating | IP20 |

LifeBeing sensor --Breathing Detecting Technology/ON-OFF

MSA015S RC is an innovative and active motion sensor detector with HF system 5.8G Hz. Which is built in motion sensor and daylight sensor to control light, motor or other electronic device, to achieve intelligent control and energy-saving.



■ Movement signal active



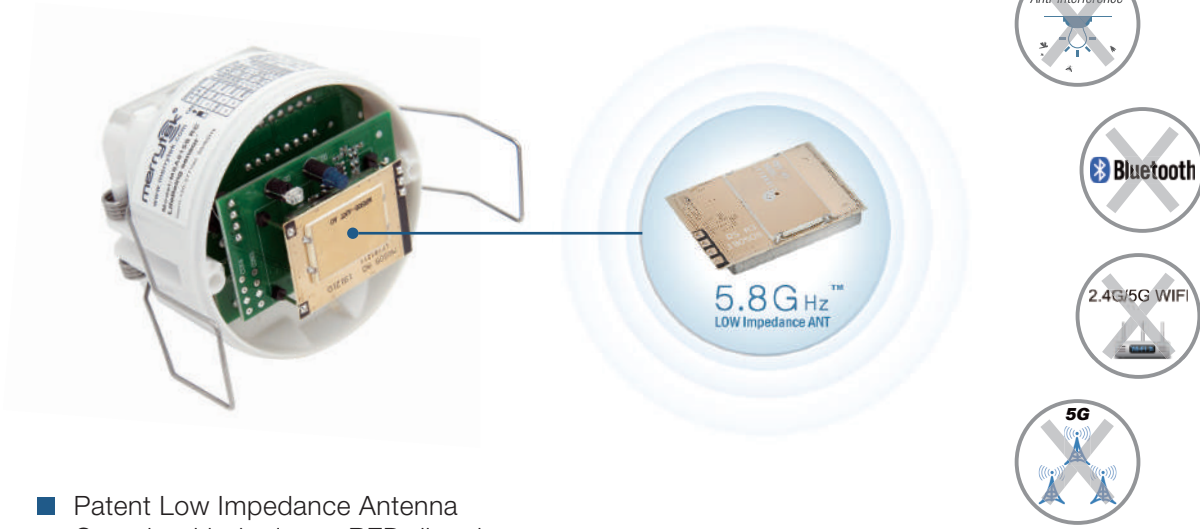
■ Minor motion & Breathing signal maintains



Breathing test instructions:

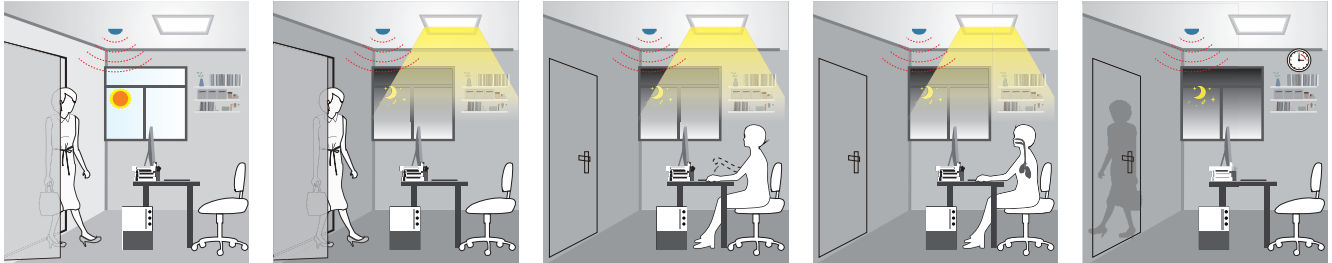
Merrytek's Lifebeing Sensor is based on 5.8Ghz microwave motion detection technology. The patented low impedance antenna and exclusive occupancy sensing algorithm are used to detect human existence by detecting the expansion of the chest and abdomen during human respiration. At the same time, the algorithm and microwave detection can effectively avoid the airflow interference from air conditioning and exhaust, which achieves accurately identify the occupancy of human being. No matter in any mode of activity, meeting, reading, writing, rest or static meditation.

1. Patent Low Impedance Antenna



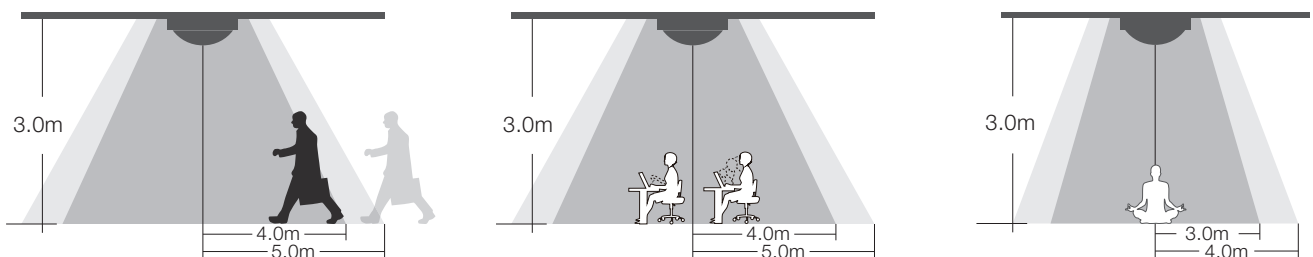
- Patent Low Impedance Antenna
Comply with the latest RED directive
Interference-free with flying insects, falling leaves, air vent and wireless signal (WiFi, Bluetooth, 4G and 5G)

2. Function



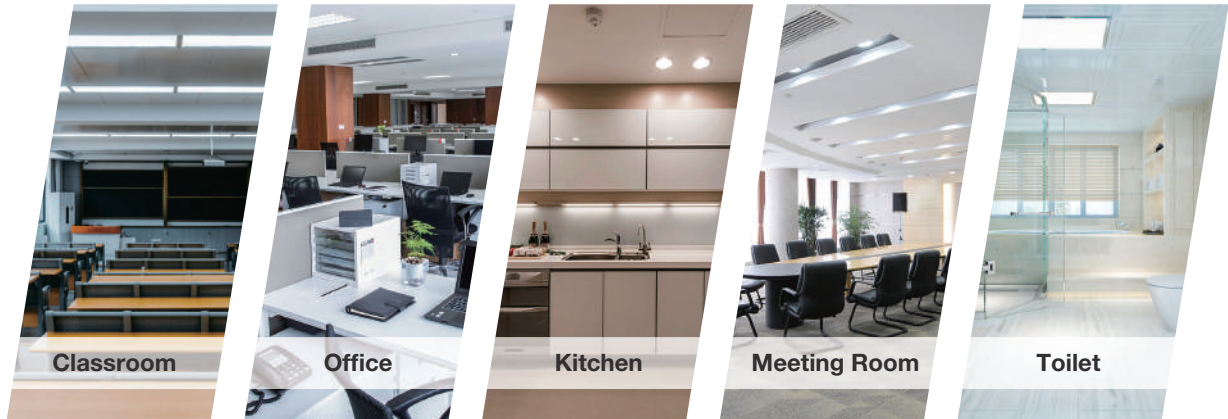
- When the ambient light is sufficient, the light will not turn on even if the moving signal is detected.
- When the ambient light is insufficient, a moving signal is detected and the light will turn on automatically.
- People's normal working life in the body gentle very minor motion maintains the light on.
- It keeps the light on even if the person is stationary for a long time, because it is maintained by breathing detection.
- When people level, the light will automatically turn off after the hold time.

3. Detection Pattern



- Movement Detecting
Speed 0.3m/s
- Minor Motion Detecting
- Breathing Detecting

4. Application



5. Compatible with a variety of loads



6. All settings can be selected via IR Remote

Time intervals

Sensitivity

Daylight



Manual on/off

Indicate light state