

MICROWAVE Highbay Sensor

PNP-SENSOR

APPLICATION NOTES

- Suitable for indoor application, half/completely outdoor environment conditions might be captured as moving signals to trigger the sensor
- Suitable for ceiling mount installation, adjust sensitivity properly if it's installed on side-wall because it gets more sensitive
- Adjust sensitivity properly when the sensor is applied in small/narrow/metal-built/with metal spaces
- Microwave sensor can't be placed under/inside metal shell; Microwave module must directly face the detection area with edge lower than light fixture
- Keep the sensor away from vibration equipments, air-conditioning outlets, smoke extractors alike conditions to avoid unwanted trigger
- Keep the sensor module away from AC input and DC output to avoid high/low frequency signal interference
- At least 2m/6.5ft distance between microwave sensors; 1.5m/4.9ft between the sensor and other wireless devices such as routers to avoid possible radio interference
- Daylight testing delivered in bright day without shadow or specially designed lampshade or lens
- Dimming performance differs when connected to different drivers; If the driver can't completely turn OFF, sensor can't either
- Input power voltage must be stable with float less than 10%
- The first time powered ON sensor, light will be ON 100% for about 10S then dims to standby level or OFF
- Distance detection is delivered by testing person about 165cm in open area as reference, the result differs by size and speed of moving objects, mounting height and real-life situation

