

Halco 10313 Line Voltage Microwave Sensor Specifications



PRODUCT DETAILS

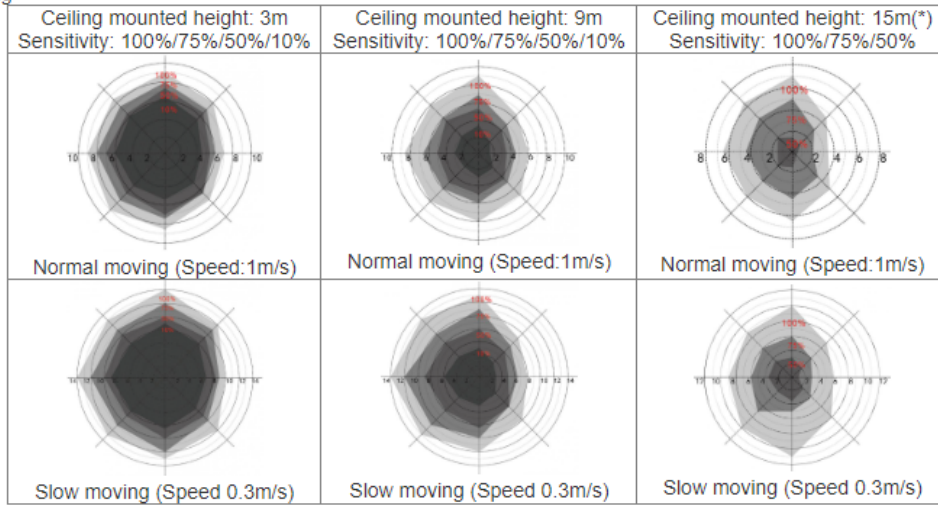
Product Name	Microwave Motion Sensor	Operating Voltage	198-264V AC 50/60Hz
Transmitting Power	1mW Max.	Rated Load	800W@230Vac (Inductive),1000W@230Vac(Resistive)
HF System	5.8GHz ±75MHz, ISM Wave Band	Approval	CE, RED
Operation Temperature	-25°C...+60°C	Function	ON/OFF Function, 2-step Dimming Function, 3-step Dimming Function
IP Rating	IP20	Detecting Radius	4-7m(mounting Height 8m)

High Light **Dimmable Microwave Motion Sensor, 5.8GHz High Frequency Microwave Motion Sensor, 5.8GHz High Frequency Dimmable Motion Sensor**

Specifications:

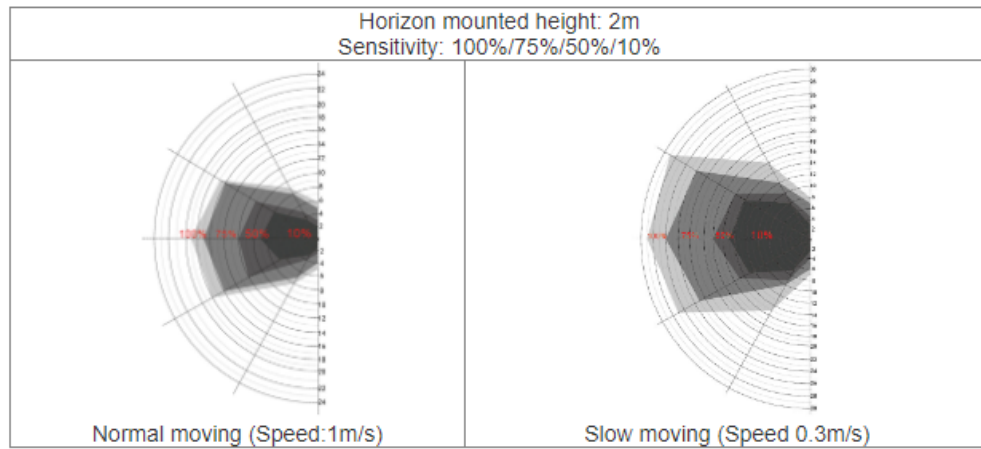
Operating voltage	198-264V AC 50/60Hz
Rated load	800W (Inductive), 1000W (Resistive) @230V AC
HF system	5.8GHz±75MHz, ISM wave band
Stand-by Power	≤0.5W
Transmitting power	0.5mW Max.
Detection zone Max.(D x H)	6m x 15m
Motion detection	0.3~3m/s
Detection angle	150°(wall installation) 360°(ceiling installation)
IP rating	IP20
Operation temperature	-25°C...+60°C
Hold time	5S/30S/90S/3min/20min/30min
Detection Area	100%/75%/50%/10%
Daylight sensor	2Lux/5Lux/10Lux/25Lux/50Lux/100Lux/Disable
Stand-by DIM Level	25%(2.2-2.5V)/35%(3.0-3.5V)/50%(5.0-5.5V)
Life time	50,000 hours

Detection Patter:
Ceiling mounting



* Only 100%/75%/50% detection sensitivity is workable when installed at 15m mounting height. 10% sensitivity is not able to detect motion signal.

Wall mounting

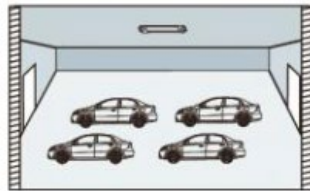


Description

- High installation for car parks, etc.
- Work with 1-10V dimmable LED driver, easy to achieve 2-step or 3-step dimming function.
- 5.8GHz high frequency microwave(C-Band license-free operation)
- DIP setting allows the user easy to adjust sensor parameters.

Function:

1- ON-OFF function



1 With sufficient ambient light, the light will not be switched on even if with motion signal.

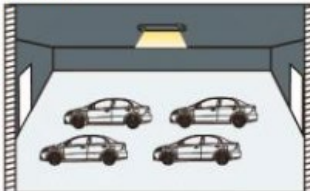


2 With insufficient ambient light, the sensor switches on the light when motion is detected.

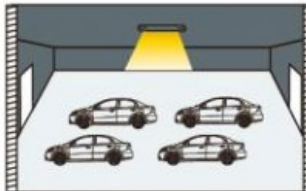


3 After elapse of hold time, the sensor switches off the light when no motion is detected.

2- step dimming function



1 If there is no motion detected, the light will be remained at a low light level all the time.



2 When motion is detected, the sensor will switch on the light to 100% brightness



3 After elapse of hold time, the sensor dims the light at the present low light level if no motion is detected.

3- step dimming function



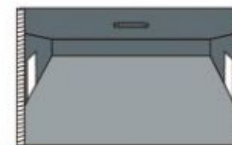
1 With sufficient ambient light, the light will not be switched on even if with motion signal.



2 With insufficient ambient light, the sensor switches on the light when motion is detected.



3 After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.



4 After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.