

PROJECT NAME

CATALOG NO.

TYPE

DATE

NOTE

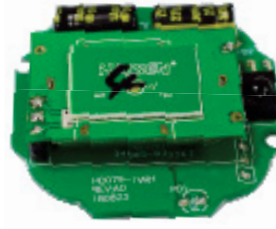
MMS MICROWAVE SENSOR - MMS-US3

MMS Series
Microwave Occupancy
Sensor

DESCRIPTION

The MMS-US3 sensor is active motion detectors with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. The sensor allow energy saving without compromising comfort. When used in combination with 1-10V dimmable LED drivers or ballasts, this sensor will not switch off the luminaires. They can achieve step dimming function, which is perfect for use in some areas that requires a light change notice.

Implement daylight sensor, means the lighting system has automated controls to dim artificial light in response to the available daylight in the space.



SPECIFICATION FEATURES

Benefits

- Automatic dimming when used in combination with 1-10V dimmable LED drivers or ballasts.
- Built-in adjustable daylight sensor.
- Detection area, time delay and daylight threshold can be precisely set via remote control.
- Wide detection area, range up to 20ft in diameter and mounting height 39 ft Max. Suitable for warehouse use.



Detection area



Stand-by period



Stand-by dimming level



Hold- time



Daylight sensor

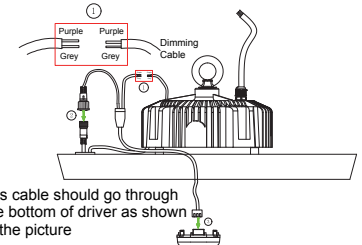
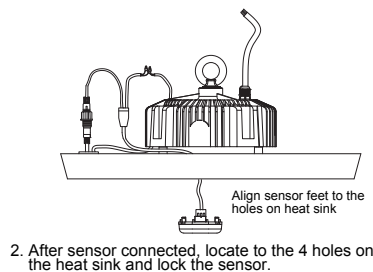
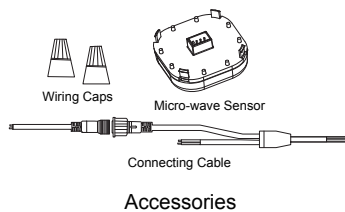
ORDERING INFORMATION

Available with the following Alphalite products:

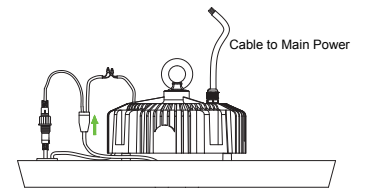
RWU Series - LED Round High Bay



Motion Sensor Installation Instructions



1. Follow the instruction ①②③ and connect the wires.

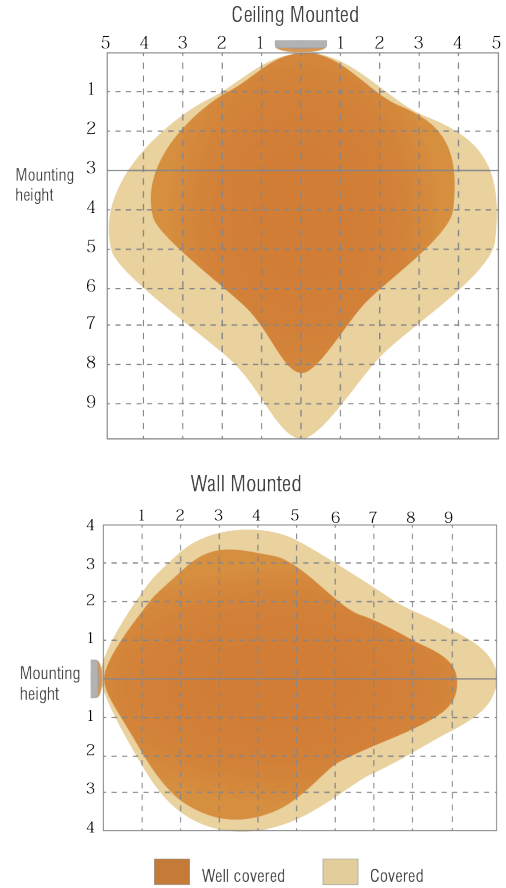


3. Connect the fixture with the main power to start work.

SUMMARY

Operating voltage	12-15VDC
Operating current	≤ 30mA±5%
Output	5V PWM/1-10V
Standby power	≤ 0.5W
Detection area	25%/50%/75% /100%
Hold-time	5S/30S/1min/3min/5min/10min/20min/30min
Daylight threshold	N/A
Stand-by period	0S/10S/30S/1min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.5mW
Mounting height	Max.12m(ceiling mounted) Max.3m(wall mounted)
Detection range	Max.6m(ceiling mounted) Max.10m(wall mounted)
Detection angle	30°-150°
Operating temperature	-20°C~+60°C
IP rating	IP00

DETECTION PATTERN



PHYSICAL PARAMETERS

WIRING DIAGRAM

