

PROJECT NAME

CATALOG NO.

TYPE

DATE

NOTE

## MMS MICROWAVE SENSOR - DMMS-054V

**MMS Series**  
Microwave Occupancy  
Sensor

### DESCRIPTION

The DMMS-054V sensor is innovative and active motion detectors with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials except the higher mounting height 50 ft Max. The sensors allow energy saving without compromising comfort. When used in combination with 1-10V dimmable LED drivers or ballasts, they can achieve 3-step dimming function, which is perfect for use in some areas that requires a light change notice before totally switch off. Also, the 1-10V interface in the sensors can match up with Alphalite stand-alone daylight sensor DSMS-01, and implement daylight harvesting, means the lighting system has automated controls that either turn off or 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.
- 1-10V interface can match up with Alphalite stand-alone daylight sensor DSMS-01 and achieve daylight harvesting.
- Detection area, time delay and daylight threshold can be precisely set via remote control.
- Wide detection area, range up to 27ft in diameter and mounting height 50 ft Max. suitable for warehouse use.
- Special clip for installation easy to be fixed with high bay.



**Hold Time**  
5s~30min



**Mounting Height**  
15m Max.



**Automatic Dimming**



**5 Years Guarantee**

## ORDERING INFORMATION

Available with the following Alphalite products:

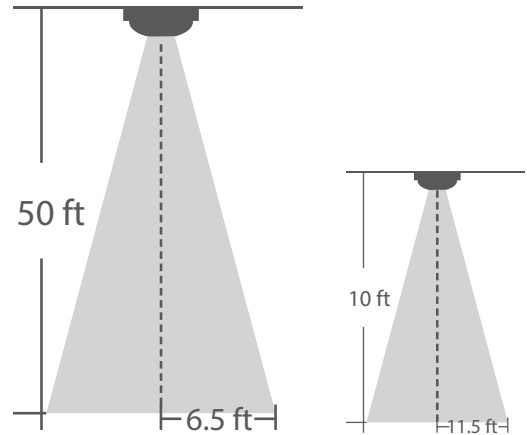
RHX Series - LED IP65 Food Grade Rated High Bay



SUMMARY

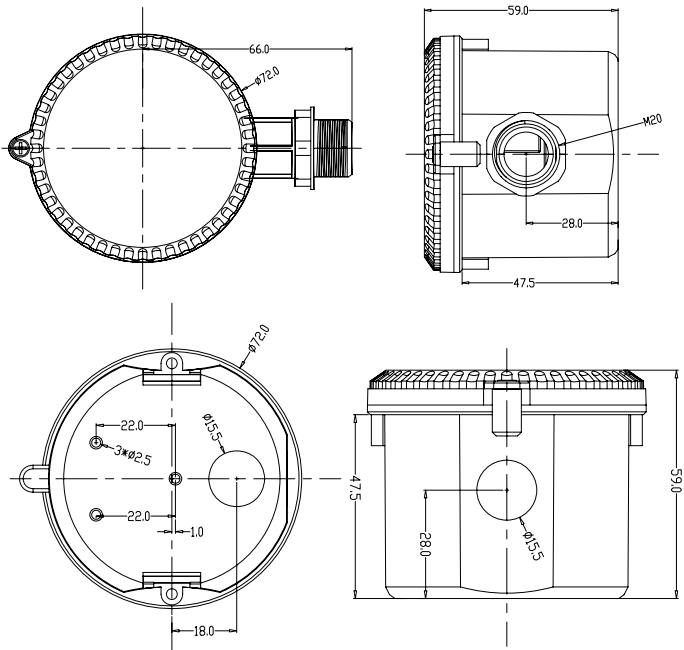
Operating voltage	120-277Vac, 50/60Hz
Rated load	400W@120Vac, 800W@220-277Vac (inductive) 800W@120Vac, 1200W@220-277Vac (resistive)
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤1W(standby), <1.5W(operation)
Detection zone	Max.(D x H): 27ft x 50ft
Detection sensitivity	100% / 50%
Hold time	Sensor:5s/30s/1min/3min/20min/30min Remote control:5s/30s/1min/3min/5min/10min/20min/30min
Daylight sensor	Sensor:5lux/15lux/30lux/50lux/100lux/150lux/Disable
Stand-by period	Sensor:0s/1min/3min/10min/30min/∞ Remote control: 0s/10s/1min/3min/5min/10min/30min/+∞
Stand-by dimming level	Sensor:10%/20%/30%/50%
Mounting height	15m Max.
Motion detection	0.5~3m/s
Detection angle	150°(wall installation) 360°(ceiling installation)
Operating temperature	-35°C~55°C

DETECTION PATTERN



PHYSICAL PARAMETERS

DIMENSION



WIRING DIAGRAM

