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Highbay Microwave Motion Sensor

Product Features

- 2 or 3 Step Dimming Function (ON-OFF, or ON-DIM-OFF)
- Compatible with S-Tech LED high bays
- Some wiring changes required by installer, supplied with junction box and required connections
- Requires optional remote control for set-up of sensor functions
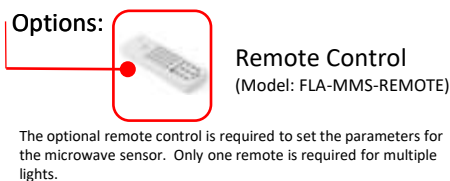- Ø73 x 62mm
- IP65 Housing

Options:

Remote Control

IP65   CE   N14268   6927   5 YEAR WARRANTY

Specification Overview

Model	Power Requirement	Colour	Dimensions
FLA-SHV18S-MMSR	108~305VAC	Black	Ø30x111mm
FLA-MMS-REMOTE	2 x AAA Batteries	White	55 x 174 x 22mm

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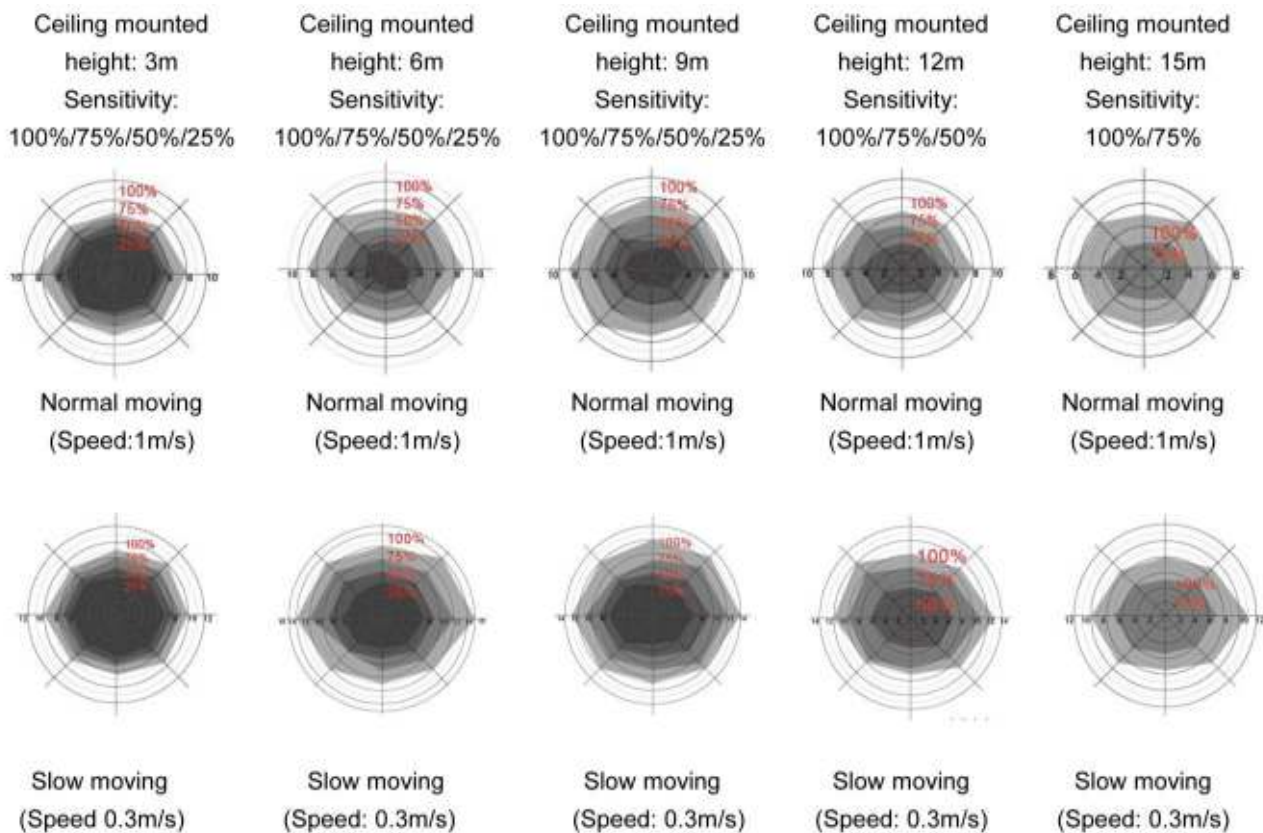
Specification

Specification	
Model	FLA-SHV18S-MMSR
Hardware Requirement	S-Tech LED Highbay with a 0-10V Driver
Input Signal	DALI (IEC 62386-101/102/103/207)
DALI Input Current	< 2mA
Input Voltage	108-305VAC
Standby Power	<1w
Hold Time	5s, 30s, 1min, 3min, 5min, 10min, 20min, 30min
Stand-By DIM Level	10%, 20%, 30%, 50%
Stand-by Period	0s, 10s, 1min, 3min, 5min, 10min, 30min, +∞
Detection Area	25%, 50%, 75%, 100%
Daylight Sensor	5lux, 15lux, 30lux, 50lux, 100lux, 150lux, Disable (ambient light detection) – No Daylight Harvesting Mode
Mounting Height	Max. 15m
Detection Angle	360° (ceiling mount)
Product Dimension	Ø30 x 111mm
Protection Rating	IP65
Warranty	5 Years

Specifications are subject to change without notice

Options:

Remote Control
(Model: FLA-MMS-REMOTE)

The optional remote control is required to set the parameters for the microwave sensor. Only one remote is required for multiple lights.

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Sensitivity Pattern

Ceiling mounted height: 3m Sensitivity: 100%/75%/50%/25%	Ceiling mounted height: 6m Sensitivity: 100%/75%/50%/25%	Ceiling mounted height: 9m Sensitivity: 100%/75%/50%/25%	Ceiling mounted height: 12m Sensitivity: 100%/75%/50%	Ceiling mounted height: 15m Sensitivity: 100%/75%

Normal moving (Speed:1m/s)	Normal moving (Speed:1m/s)	Normal moving (Speed:1m/s)	Normal moving (Speed:1m/s)	Normal moving (Speed:1m/s)

Slow moving (Speed 0.3m/s)	Slow moving (Speed: 0.3m/s)	Slow moving (Speed: 0.3m/s)	Slow moving (Speed: 0.3m/s)	Slow moving (Speed: 0.3m/s)

*Only 100%/75%/50% detection sensitivity is workable when installed at 10m & 15m mounting height. 25% sensitivity is not able to detect motion signal.

Highbay Microwave Motion Sensor
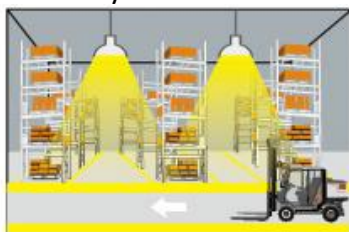
Function

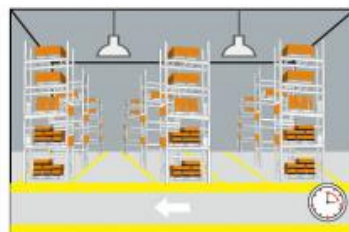### 1) 2-Step ON/OFF Function – Stand-by set to "0s"
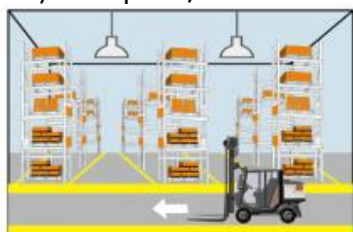
1 With sufficient ambient light, the light will not be switched on even if with motion signal.

2 With insufficient ambient light, the sensor switches on the light when motion is detected.
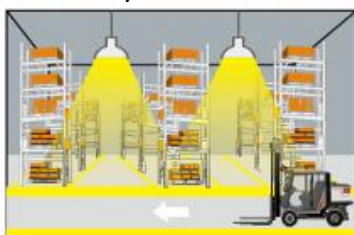
3 After elapse of hold time, the sensor switches off the light when no motion is detected.
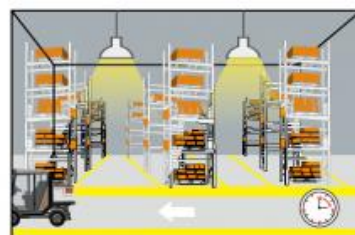
2) 2-Step ON/DIM Function – Stand-by set to "∞"

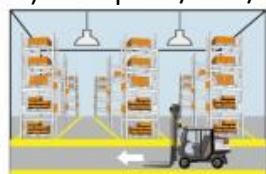**1** If there is no motion detected, the light will be remained at a low light level all the time.

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

3 After elapse of hold time, the sensor dims the light at the present low light level if no motion is detected.
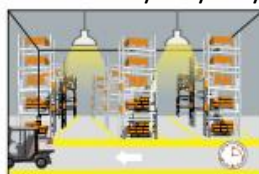
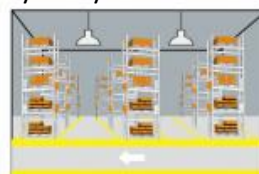### 3) 3-Step ON/DIM/OFF Function – Stand-by set to "10s/1m/3m/5m/10m/30m"

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.