

Product Specification



High Bay
Microwave Motion Sensor



Product Features

- 2 or 3 Step Dimming Function (ON-OFF, or ON-DIM-OFF)
- Compatible with S-Tech UFO LED high bays (excludes Stellaro and Astra Series)
- 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



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 |

High Bay

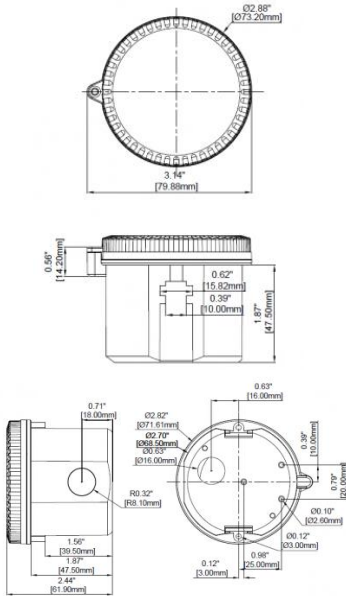
Microwave Motion Sensor

| Model | Hardware Requirement | Dimension (Dia x H) | Weight |
|-------|----------------------|------------------------|--------|
|-------|----------------------|------------------------|--------|

FLA-SHV18S-MMSR

S-Tech LED Highbay with a 3-wire 0-10V Driver

Ø30 x 111mm

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

Options

Remote Control

(Model: FLA-MMS-REMOTE)



Product Specification



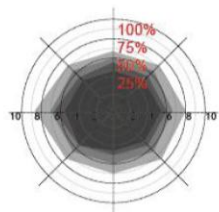
-tech
LED Lighting

High Bay Microwave Motion Sensor



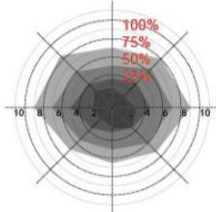
Sensitivity Pattern

Ceiling mounted
height: 3m
Sensitivity:
100%/75%/50%/25%



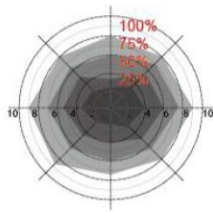
Normal moving
(Speed:1m/s)

Ceiling mounted
height: 6m
Sensitivity:
100%/75%/50%/25%



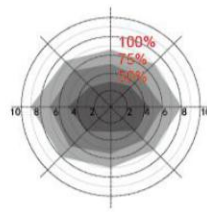
Normal moving
(Speed:1m/s)

Ceiling mounted
height: 9m
Sensitivity:
100%/75%/50%/25%



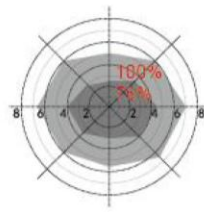
Normal moving
(Speed:1m/s)

Ceiling mounted
height: 12m
Sensitivity:
100%/75%/50%

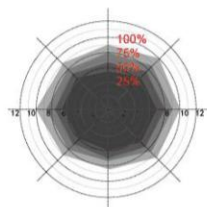


Normal moving
(Speed:1m/s)

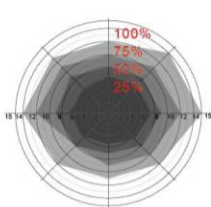
Ceiling mounted
height: 15m
Sensitivity:
100%/75%



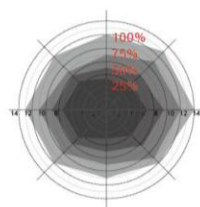
Normal moving
(Speed:1m/s)



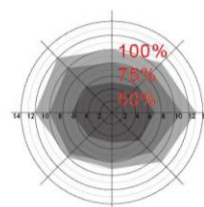
Slow moving
(Speed 0.3m/s)



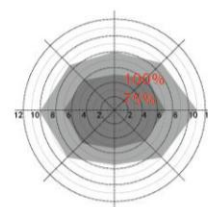
Slow moving
(Speed: 0.3m/s)



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.

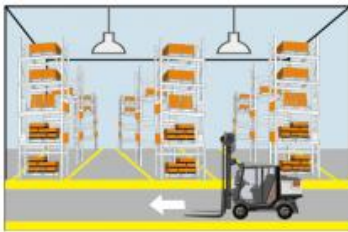
Product Specification



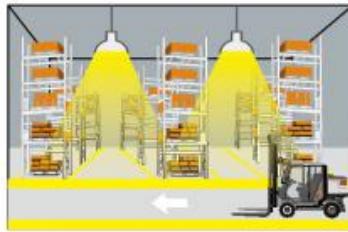
High Bay Microwave Motion Sensor

Function

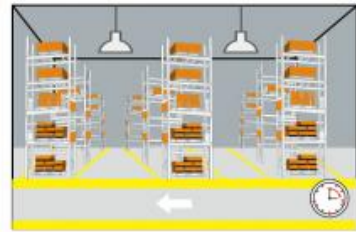
1) 2-Step ON/OFF Function – Stand-by set to “0s”



- 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.

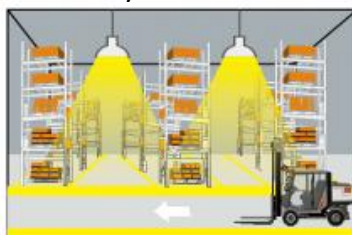


- 3 After elapse of hold time, the sensor switches off the light when no motion is detected.

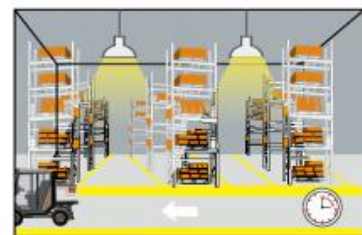
2) 2-Step ON/DIM Function – Stand-by set to “∞”



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

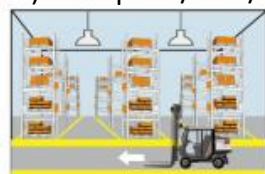


- 2 When motion is detected, the sensor will switch on the light to 100% brightness



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

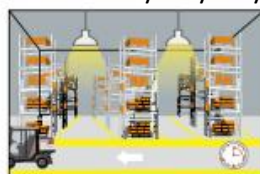
3) 3-Step ON/DIM/OFF Function – Stand-by set to “10s/1m/3m/5m/10m/30m”



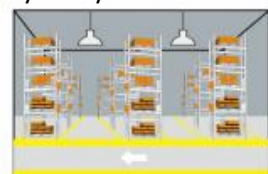
- 1 With sufficient ambient light, the light will not be switched on even if with motion signal.



- 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.