

# 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

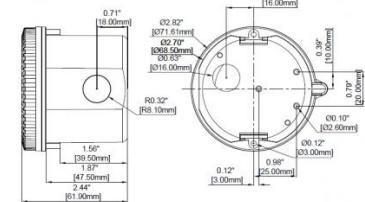
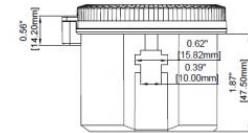
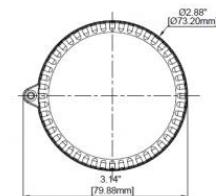
### Microwave Motion Sensor

Switch to Excellence

Model	Hardware Requirement	Dimension (Dia x H)	Weight
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FLA-SHV18S-MMSR	S-Tech LED Highbay with a 3-wire 0-10V Driver	Ø30 x 111mm
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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)

Specifications are subject to change without notice

# Product Specification



## High Bay

### Microwave Motion Sensor

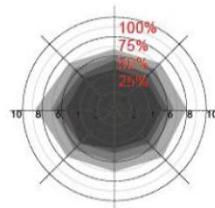
## Sensitivity Pattern

Ceiling mounted

height: 3m

Sensitivity:

100%/75%/50%/25%

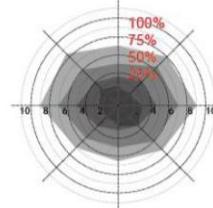


Ceiling mounted

height: 6m

Sensitivity:

100%/75%/50%/25%

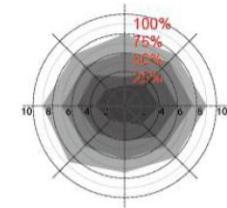


Ceiling mounted

height: 9m

Sensitivity:

100%/75%/50%/25%

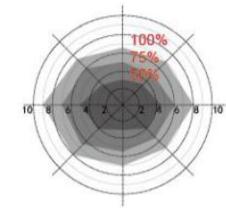


Ceiling mounted

height: 12m

Sensitivity:

100%/75%/50%

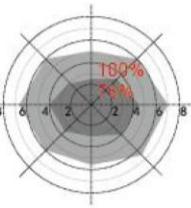


Ceiling mounted

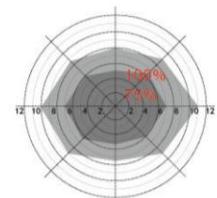
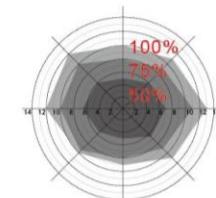
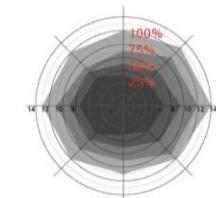
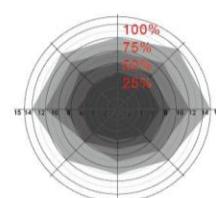
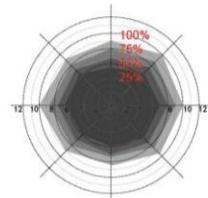
height: 15m

Sensitivity:

100%/75%



Normal moving  
(Speed: 1m/s)



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

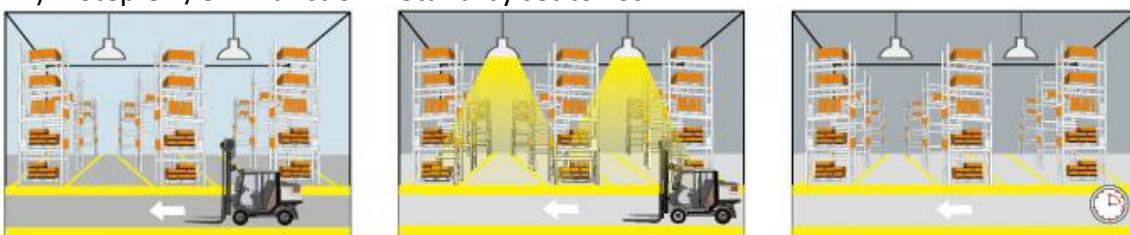


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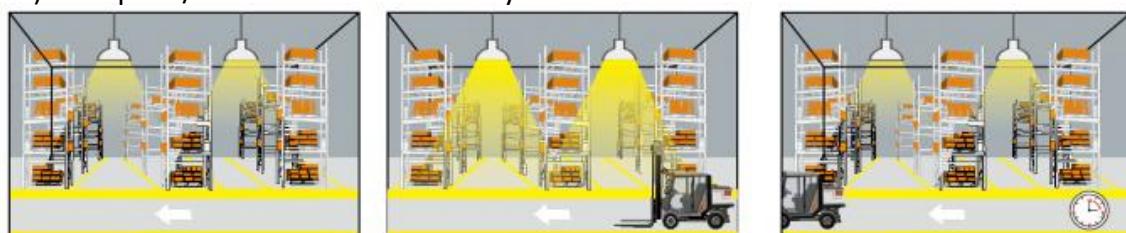
### Function

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



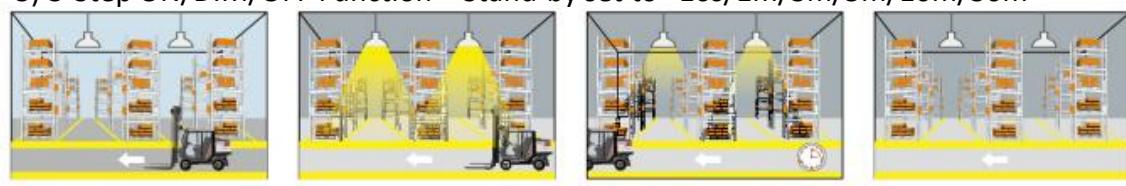
- 1 With sufficient ambient light, the light will not be switched on even if with motion signal.
- 2 With insufficient ambient light, the sensor switches on the light when motion is detected.
- 3 After elapse of hold time, the sensor switches off the light when no motion is detected.

#### 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.