



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

### Technical Specifications

#### Performance

**Product Type:**

Low Voltage Occupancy Sensor

**Description:**

Line voltage screw-in sensor, motion detection and daylight sensing.

**L70 Lifespan:**

50,000-Hour LED lifespan based on IES LM-70 results

#### Electrical

**Input Voltage:**

12V

**Operating Frequency:**

50/60Hz

**Operating Temperature:**

-4°F to 140°F (-20°C to 60°C)

#### Sensor Settings

**Sensor Connection Type:**

Pogo pin

**Max Mounting Height:**

50 ft

**Detection Range:**

50 ft diameter mounted at 50 ft

**Sensor Technology:**

Microwave (MVS)

**Default Setting:**

Motion Sensitivity: High  
 Brightness when triggered : 100%  
 Hold time: 20 minutes  
 Standby to dim: 20%  
 Standby time: 1 minute  
 When vacant: Off  
 Daylight: Disabled

**Adjustable Sensor Settings?:**

Yes, using the MSR1 Remote (sold separately)

Standby to dim: 10%/20%/30%/50%

Standby time:

0s/10s/30s/1min/5min/10min/30min/60min/+∞

**Daylight Threshold:**

2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

#### Construction

**Shape:**

Round

**Finish:**

White

**Enclosure Material:**

Plastic

#### Compliance

**Environment:**

Suitable for use indoors and outdoors in dry, damp, or wet environments.

**IP Rating:**

IP66

**Certification Model Number:**

MVS50

**California Title 20 Compliant:**

No

**California Title 24 JA8 Compliant:**

No

**California Energy Commission (CEC) Status:**

Lawful for Sales in California

**RoHS:**

Mercury and UV free. RoHS-compliant components.

**FCC:**

Complies with Part 15 of the FCC Rules

**Technical Specifications (continued)**

**Other**

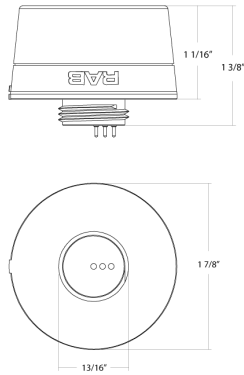
**Compatible Accessories:**

- [RAAS](#)
- [Right angle arm support](#)
- [RAASB](#)
- [Right angle arm support](#)

**5-Year, No-Compromise Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

**Dimensions**



**Features**

- For use in indoor and outdoor applications in dry, damp or wet environments
- Compatible with 0-10V dimming fixtures with auxiliary power supply
- Integrated dual-technology motion and daylight sensor.
- Adjustable sensor settings using MSR1 remote (sold separately)
- Compatible with various fixtures (high bays, washdown, strips, wraps, wall packs, area, etc.)

**Ordering Matrix**

Family	Driver	Detection Height	Finish	Options
MVS		50		
	Blank = 12VDC	50 = 50 ft 20 = 20 ft	B = Black Blank = White	/LCB = Lightcloud Blue Blank = Standard