



Project:	Type:
Prepared By:	Date:

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

Input Current @ 120V (mA):

30mA

Operating Temperature:

-4°F to 140°F (-20°C to 60°C)

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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 Products:

[H17 Field-Adjustable High Bay](#)

[RBAY17 Field-Adjustable High Bay](#)

[VAN17 3-Way Adjustable Canopy](#)

[PARK34 Field-Adjustable Garage Light](#)

Requires RAAS; RAASB:

[SHARK Field-Adjustable Linear Washdown](#)

[SEAL Field-Adjustable Washdown](#)

[GUS 17](#)

Linear wrap

[SR Field-Adjustable Strip](#)

Linear strip

Compatible Accessories:

[RAAS](#)

[Right angle arm support](#)

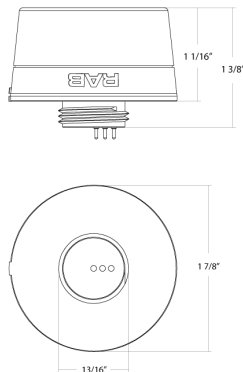
[RAASB](#)

[Right angle arm support](#)

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.

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** **/LCB = Lightcloud Blue**
Blank = White **Blank = Standard**