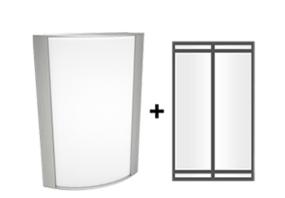
# RAB



### Satin Nickel Frame with Frosted Lens with Grill Style #1

Note: Fixture will come fully assembled with the frame and lens shown above.

Proje	ect:	Туре:			
Prepa	ared By:	Date:			
Driver Ir	nfo	LED Info			
Туре 120V	Constant Current 0.22A	Watts	25W 2700K (Residential		

#### Color Temp Warm) 208V 0.13A Color Accuracy 94 CRI 240V 0.11A R9 63 277V 0.1A L70 Lifespan 50,000 Hours Input Watts 25.9W Lumens 1,250 lm Efficacy 48.3 lm/W

### **Technical Specifications**

### Compliance

### UL Listed:

Suitable for damp locations. Recommended for indoor use only.

### **ADA Compliant:**

Meets ADA Requirements for wall-mounted luminaires.

### IESNA LM-79 &lm-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNAIm-79 andIm-80

### Performance

### Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

### Wattage Equivalency:

Equivalent to 100W Incandescent

### LED Characteristics

#### LEDs:

Long-life, high-efficacy, surface-mount LEDs; binned and mixed for uniform light output and color

### Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

### Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Electrical

#### Driver:

Constant Current, Class 2, 120-277VAC, 50/60Hz, 350mA or 640mA

Dimming Driver: 0 - 10V (at 120-277V), TRIAC and ELV (at 120V only)

# **THD:** 12.6% at 120V, 16.1% at 277V

**Power Factor:** 98.4% at 120V, 94.3% at 277V

### **Battery Backup:**

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

### Battery Backup Light Loss Factor: 0.187

### Construction

Housing: Die-cast and extruded aluminum

#### Mounting:

Wall mount with junction box included

### Lens:

Frosted polycarbonate with grill style #1. See <u>installation sheet</u> for cleaning instructions.

### **Operating Temperature:**

-20°C (-4°F) to 40°C (104°F)

Green Technology: Mercury and UV free. RoHS-compliant components.

Finish: Luxuriously Electroplated Satin Nickel

### Sensor Specifications

**Capacitance Load:** 400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

**Operating Temperature:** -20°C to +60°C (-4°F to +140°F)

Relay: Zero-cross relay

Maximum Mounting Height: 16.4 feet

# RAB

### **Technical Specifications (continued)**

## **Customizable Detection Area:** 10, 50, 75 or 100%

**Time Delay:** 5s, 30s, 1min, 5min, 10min, 20min, 30min

Cut Off Period: 0s, 10s, 1min, 5min, 10min, 30min, 1hr, Bi-Level

**Cut-Off Dimming level:** 10, 20, 30, 50%

Cut-Off Power: Less than 1W

Daylight Threshold: About .2-5 fc for disabled

Sensor Principle: High Frequency

Microwave Frequency: 5.8GHz +/- 75MHz

Microwave Power: <0.2mW

Max Detection Range: 26 ft diameter at 16 ft mounting height

**Detection Angle:** About 30 to 150 degrees

### **Remote Control Accessory:**

Adjust settings using remote control (catalog# MVSREM). Only available with 0-10V dimming driver options. <u>Remote control available here.</u>

### Other

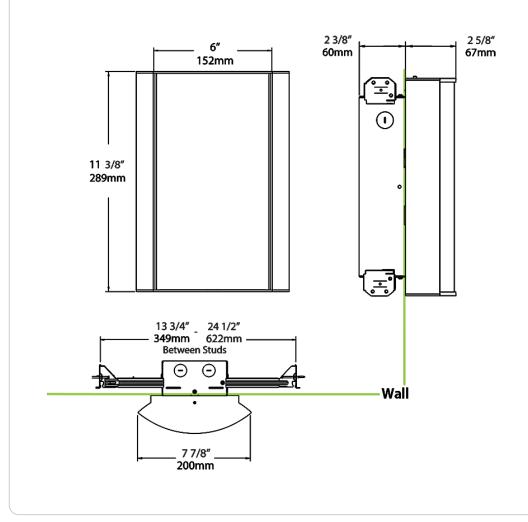
### Warranty:

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 <u>rablighting.com/warranty.</u>

### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



## RAB

### **Ordering Matrix**

Family	Lumen Package	CRI/Color Temp		Lens		Finish	Options
HALV	18L	927	-	FG1	-	SA	/MVS/E2
	<b>10L =</b> 1000lm / 14W <sup>1</sup> <b>18L =</b> 1800lm / 25W <sup>1</sup>	940 = 90CRI, 4000K 935 = 90CRI, 3500K 930 = 90CRI, 3000K 927 = 90CRI, 2700K		<ul> <li>F = Frosted (Standard)</li> <li>FG1 = Frosted with Grill Style #1</li> <li>FG2 = Frosted with Grill Style #2</li> <li>FG3 = Frosted with Grill Style #3</li> <li>NL = Natural Leaves</li> <li>GL = Green Leaves</li> <li>TL = Toffee Leaves</li> <li>LW = Linen Hampton White LS = Linen Stone LH = Linen Harbor</li> <li>MS = Metallic Spun Gold</li> <li>CW = Crush Polar White CS = Crush Polar White MP = Mirage Platinum</li> <li>MA = Mirage Platinum</li> </ul>		W = White K = Black S = Silver A = Antique Bronze SA = Satin Nickel CU = Copper	Blank = No Option /E2 = Battery Backup /MVS = Microwave Occupancy Sensor <sup>2</sup> /BL = Bi-Level Control /LC = Lightcloud® Controller /MVS/E2 = Microwave Occupancy Sensor w/ Battery Backup <sup>2</sup> /BL/E2 = Bi-Level Control w/ Battery Backup /LC/E2 = Lightcloud® Controller w/ Battery Backup
1	Lumen values are appr	oximations for models	s with	5	0	5 1	It based on your specific configuration.