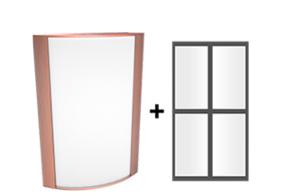
# RAB



### Copper Frame with Frosted Lens with Grill Style #2

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

Proje	ect:	Туре:	
Prep	ared By:	Date:	
Driver Ir	nfo	LED Info	
Туре	Constant Current	Watts	25W
120V	0.22A	Color Temp	3500K (Warm
208V	0.13A		Neutral)

R9

L70 Lifespan

Lumens

Efficacy

Color Accuracy 93 CRI

66

50,000 Hours

1,339 lm

51.7 lm/W

### . . . .

### Technical Specifications

# Compliance

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.

240V

277V

0.11A

0.1A

Input Watts 25.9W

### 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 #2. 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 Copper

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>

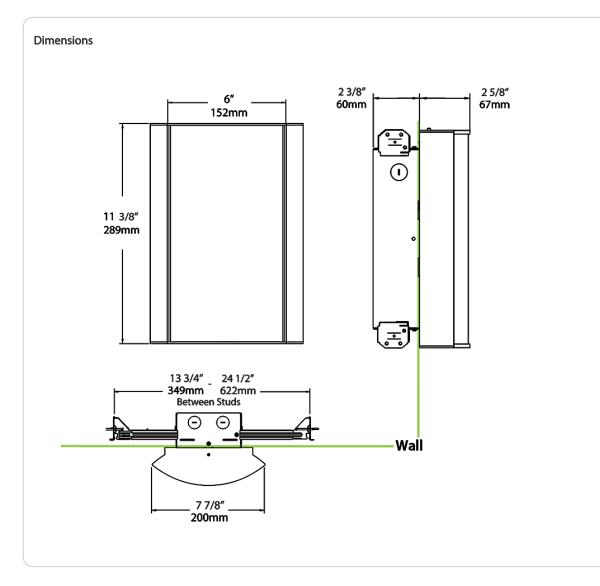
### Other

### 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.



## RAB

### **Ordering Matrix**

Family	Lumen Package	CRI/Color Temp		Lens		Finish	Options
HALV	18L	935	-	FG2	-	CU	/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 Silver</li> <li>MC = 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	with	a standard, frosted lens. Visit ra <sup>2</sup> Available only with gr	0	5	It based on your specific configuration.