

# Copper Frame with Frosted Lens with Grill Style #1

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

Project:	Туре:
Prepared By:	Date:

Type:         Constant Current         Watts:         25W           120V:         0.22A         2700K (Residential Warm)           208V:         0.13A         Color Temp:         Warm)           240V:         0.11A         Color         94 CRI	Driver Info		LED Info	
277V: 0.1A Accuracy: Input Watts: 26W R9: 63 Efficiency: 97% L70 Lifespan: 50,000 Lumens: 1,302 Efficacy: 50 LPW	120V: 208V: 240V: 277V: Input Watts:	0.22A 0.13A 0.11A 0.1A 26W	Color Temp: Color Accuracy: R9: L70 Lifespar Lumens:	2700K (Residential Warm) 94 CRI 63 ::50,000 1,302

# **Technical Specifications**

#### Listings

#### **UL Listed:**

Suitable for damp locations. Recommended for indoor use only.

### **ADA Compliant:**

Meets ADA Requirements for wall-mounted luminaires.

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

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

# **LED Characteristics**

### Lifespan:

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

### **LEDs**

Long-life, High efficiency, micro-power, surface mount LEDs; binned and mixed for uniform light output and color

# **Light Loss Factor:**

0.18

## **Color Stability:**

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

# **Color Uniformity:**

RAB's range of CCT (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

# **Dimming Driver:**

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

#### Driver:

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

#### THD

12.6% at 120V, 16.1% at 277V

### **Power Factor:**

98.4% at 120V, 94.3% at 277V

#### Construction

# Housing:

Die-cast and extruded aluminum

# Mounting:

Wall mount with junction box included

### Lens

Frosted polycarbonate with grill style #1. See for cleaning instructions.

# **Ambient 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:

 $400\mbox{VA}$  at  $120\mbox{VAC},\,800\mbox{VA}$  at  $230\mbox{VAC},\,1000\mbox{VA}$  at  $277\mbox{VAC}$ 

# **Operating Temperature:**

-20°C to +60°C (-4°F to +140°F)

#### Relay:

Zero-cross relay

# **Maximum Mounting Height:**

16.4 feet

# **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%

# **Technical Specifications (continued)**

# **Sensor Specifications**

# 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:**

Adjust settings using remote control (catalog# MVSREM). Only available with 0-10V dimming driver options.

# Other

# Equivalency:

Equivalent to 100W Incandescent

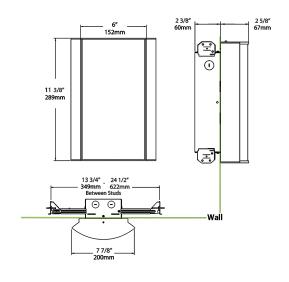
#### Warranty:

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

# **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**



Family	Lumen Package	CRI and CCT		Lens		Finish	Options
HALVS	18L	927	_	FG1	-	CU	/MVS
	10L = 1000lm / 14W 18L = 1800lm / 25W	940 = 90CRI, 4000K 935 = 90CRI, 3500K 930 = 90CRI, 3000K 927 = 90CRI, 2700K		F = Frosted (Standard) FG1 = Frosted with Grill Style #1 FG2 = Frosted with Grill Style #2 FG3 = Frosted with Grill Style #3 NL = Natural Leaves GL = Green Leaves TL = Toffee Leaves LW = Linen Hampton White LS = Linen Stone LH = Linen Harbor		W = White K = Black S = Silver A = Antique Bronze SA = Satin Nickel CU = Copper	Blank = No Option  /E2 = Emergency Battery Backup  /MVS = Occupancy Sensor  /BL = Bi-Level Control  /LC = Lightcloud Controller  /MVS/E2 = Microwave Sensor w/ Emergency Batter  Backup  /BL/E2 = Bi-Level Control w/ Emergency Battery  Backup  /LC/E2 = Lightcloud Controller w/ Emergency Battery  Backup
				MS = Metallic Spun Silver MC = Metallic Spun Copper MG = Metallic Spun Gold CW = Crush Polar White CS = Crush Sedona MP = Mirage Platinum MA = Mirage Bronze			