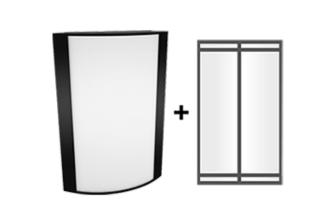
# HALVS18L940-FG1-K/MVS



# Textured Black Frame with Frosted Lens with Grill Style #1

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

## **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

240V:

277V:

Input Watts:

Efficiency:

0.11A

0.1A

26W

97%

**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:

Textured Black using our environmentally friendly polyester powder coatings are formulated for highdurability and long-lasting color

#### **Project:** Type: **Prepared By:** Date: **Driver Info** LED Info 25W Type: Constant Current Watts: 120V: 0.22A Color Temp: 4000K (Neutral) 208V: 0.13A Color Accuracy: 95 CRI

R9:

L70 Lifespan:

Lumens:

Efficacy:

82

50,000

1,420

55 LPW

#### 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

**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%

# HALVS18L940-FG1-K/MVS

# **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

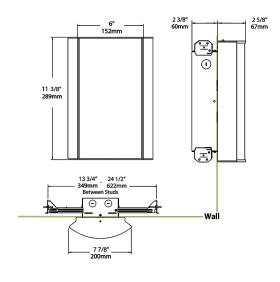
## Warranty:

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



# HALVS18L940-FG1-K/MVS

# **Ordering Matrix**

Family	Lumen Package	CRI and CCT	Lens		Finish	Options
HALVS	18L	940	– FG1	-	К	/MVS
	10L = 1000lm / 14W 18L = 1800lm / 25W	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 Copper</li> <li>MG = Metallic Spun Gold</li> <li>CW = Crush Polar White</li> <li>CS = Crush Sedona</li> <li>MP = Mirage Platinum</li> <li>MA = Mirage Bronze</li> </ul>		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 Batter Backup