



Textured Black Frame with Frosted Lens with Grill Style #1

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

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
 120V: 0.12A
 208V: 0.07A
 240V: 0.06A
 277V: 0.06A
 Input Watts: 14W
 Efficiency: N/A

LED Info

Watts: 14W
 Color Temp: 2700K (Residential Warm)
 Color Accuracy: 94 CRI
 R9: 63
 L70 Lifespan: 50,000
 Lumens: 707
 Efficacy: 51 LPW

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:

0.33

Color Stability:

LED color temperature is warranted 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:

19.7% at 120V, 21.6% at 277V

Power Factor:

96.4% at 120V, 85.7% 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 high-durability and long-lasting color

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%

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 60W 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



Ordering Matrix

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