RAB

Project:	Type:
Prepared By:	Date:

Copper Frame with Frosted Lens with Grill Style #1

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

Driver Info

Type	Constant Current
120V	0.22A
208V	0.13A
240V	0.11A
277V	0.1A
Input Watts	25.9W

LED Info

Watts	25W
Color Temp	3500K (Warm Neutral)
Color Accuracy	93 CRI
R9	66
L70 Lifespan	50,000 Hours
Lumens	1,423 lm
Efficacy	54.9 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 IESNAlm-79 andlm-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:
0.18

Construction

Housing:
Die-cast and extruded aluminum

Mounting:
Wall mount with junction box included

Lens:
Frosted polycarbonate with grill style #1. See installation sheet 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

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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. Remote control available here.
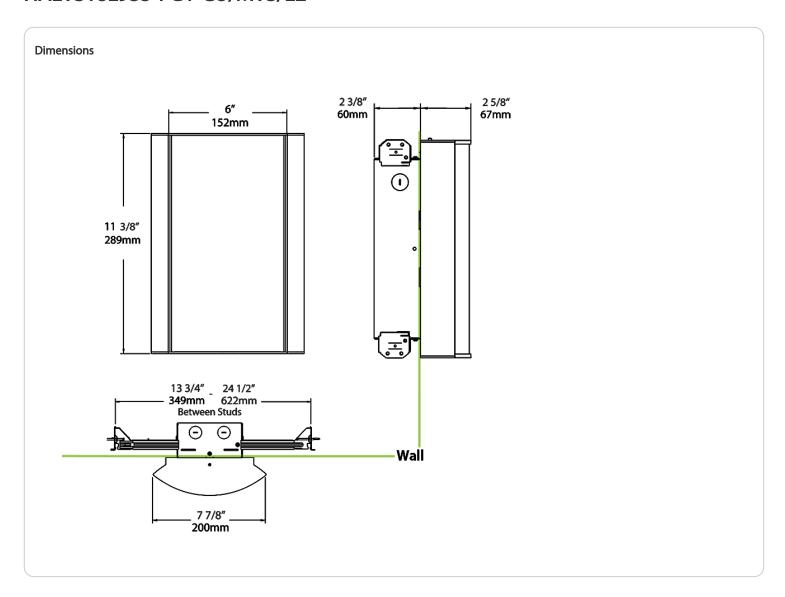
Other

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 rablighting.com/warranty.

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®

Dimensions

6"
152mm

11 3/8"
289mm

2 3/8"
60mm

2 5/8"
67mm

13 3/4"   24 1/2"
349mm   622mm
Between Studs

Wall

7 7/8"
200mm

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Ordering Matrix

Family	Lumen Package	CRI/Color Temp		Lens		Finish	Options
HALVS	18L	935	–	FG1	–	CU	/MVS/E2

| | **10L =** 1000lm / 14W [1]
 18L = 1800lm / 25W [1] | **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
 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 | | **S =** Silver
 A = Antique Bronze
 SA = Satin Nickel
 CU = Copper
 W = White
 K = Black | **Blank =** No Option
 /E2 = Battery Backup
 /MVS = Microwave Occupancy Sensor [2]
 /BL = Bi-Level Control
 /LC = Lightcloud® Controller
 /MVS/E2 = Microwave Occupancy Sensor w/ Battery Backup [2]
 /BL/E2 = Bi-Level Control w/ Battery Backup
 /LC/E2 = Lightcloud® Controller w/ Battery Backup |

[1] *Lumen values are approximations for models with a standard, frosted lens. Visit rablighting.com for exact output based on your specific configuration.*

[2] *Available only with grill pattern*

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