



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	35/26/18W
120V	0.29A/0.21A/0.14A	Color Temp	3500K/4000K/5000K
208V	0.17A/0.12A/0.08A	Color Accuracy	82-84 CRI
240V	0.14A/0.11A/0.07A	L70 Lifespan	100,000 Hours
277V	0.13A/0.10A/0.07A	Lumens	2455-4922 lm
Input Watts	16.7-34.5W	Efficacy	137.3-153 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
35/26/17W (factory default 35W)  
Color Temperature Adjustable:  
3500K, 4000K and 5000K (factory default 4000K)

### Compliance

#### UL Listed:

Suitable for dry and damp locations.

#### IESNA LM-79 & 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.

#### IP Rating:

IP20

#### Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

#### DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.  
DLC Product Code: S-RV80FX

### Electrical

#### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

#### Surge Protection:

2 kV L-L, 2 kV L/N-G

#### Battery Backup:

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

### Construction

#### Cold Weather Starting:

Minimum starting temperature is 5°C (41°F)

#### Maximum Ambient Temperature:

Suitable for use in up to 104°F (40°C)

#### Lens:

Diffused Polymethyl Methacrylate (PMMA)

#### Housing:

Cold Rolled Carbon Steel Sheets and Strip (SPCC)

#### Size:

1'x4'

### Finish:

Formulated for high durability and long-lasting color

### LED Characteristics

#### LEDs:

Long-life, high-efficacy, surface-mount LEDs

### Performance

#### Lifespan:

100,000-Hour LED lifespan based on IESIm-80 results and TM-21 calculations

### Sensor Settings

#### Capacitance Load:

400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

#### Operating Temperature:

-4°F to +140°F (-20°C to +60°C)

#### Relay:

Zero-cross relay

#### Maximum Mounting Height:

16.4 ft

#### Customizable Detection Area:

10, 50, 75 or 100%

#### Time Delay:

5s, 30s, 1min, 5min, 10min, 20min, 30min

## Technical Specifications (continued)

**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:**

Disable/400Lux/350Lux/300Lux/250Lux/200Lux/120  
Lux/ 80Lux/50Lux/30Lux/10Lux/2Lux

**Sensor Principle:**

High Frequency

**Microwave Frequency:**

5.8GHz +/- 75MHz

**Microwave Power:**

<0.3mW

**Max Detection Range:**

26 ft diameter at 16 ft mounting height

**Detection Angle:**

About 30 to 150 degrees

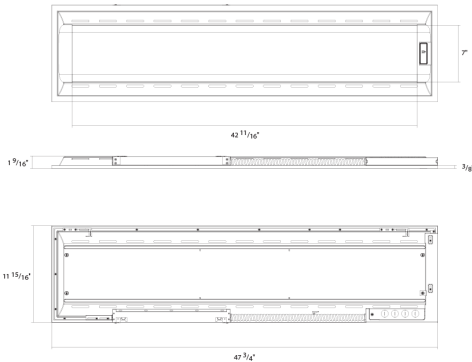
**Remote Control Accessory:**

Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

**Other****5-Year Limited Warranty:**

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## Dimensions



## Features

- 100,000-Hour LED lifespan
- DLC Premium Listed
- 5-Year, limited warranty

## Ordering Matrix

Family	Size/Wattage	Color Temp	Driver	Controls	Battery Backup
SWISHAIR	1X4			/MVS	/E
	<b>2X2</b> = 2' x 2', 35/26/18W <b>1X4</b> = 1' x 4', 35/26/18W <b>2X4</b> = 2' x 4', 44/35/26W	<b>Blank</b> = 3500/4000/5000K	<b>Blank</b> = 120-277V, 0-10V Dimming	<b>Blank</b> = None /PIR = Passive Infrared Occupancy Sensor /MVS = Microwave Occupancy Sensor /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor	<b>Blank</b> = None /E = Battery Backup