

<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/0.15A	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/0.08A	Lumens	2386-4702 lm
Input Watts	16.9-34.7W	Efficacy	128.5-146.4 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 family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

**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:**

2'x2'

**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

## Technical Specifications (continued)

**Maximum Mounting Height:**

16.4 ft

**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:**

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

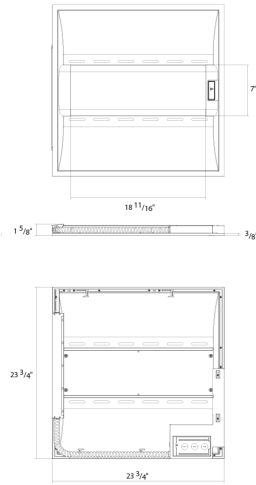
**Remote Control Accessory:**

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	2X2			/MVS	/E
	2X2 = 2' x 2', 35/26/18W 1X4 = 1'.x 4', 35/26/18W 2X4 = 2' x 4', 44/35/26W	Blank = 3500/4000/5000K	Blank = 120-277V, 0-10V Dimming	Blank = None /PIR = Passive Infrared Occupancy Sensor /MVS = Microwave Occupancy Sensor /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor	Blank = None /E = Battery Backup