



<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

### Construction

#### Cold Weather Starting:

The minimum starting temperature is -4°F (-20°C)

#### 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

#### Voltage:

12V DC (+3V-0V)

#### Dimming:

0-10V dimming output, max 20mA sinking current

#### Operating Temperature:

-4°F to 122°F (-20°C to 50°C)

#### Storage Temperature:

-13°F - 158°F (-25°C - 70°C)

## Technical Specifications (continued)

**Operating Humidity:**

5% - 93% without condensation

**IP Rating:**

IP20

**Warm Up Time:**

45s +/-5s

**Standby (w):**

<0.3W

**Module Interaction:**

Wire AWG 22 (Grey Dim -, Purple Dim +, Yellow 12V DC)

**On-Time Adjustment:**

10s, 5min, 10min, 30min with +/-5% tolerance  
(Factory Setting: 30min +/-5%)

**Bi-Level:**

0, 10%, 30%, 50% with +/-5% tolerance  
(Factory Setting: 10%)

**Debounce Time:**

Day to Night: 5s  
Night to Day: 30s

**Open Circuit Protection:**

No

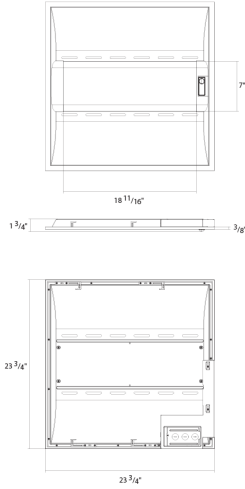
**Short Circuit Protection :**

Yes

**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			/PIR	
	<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