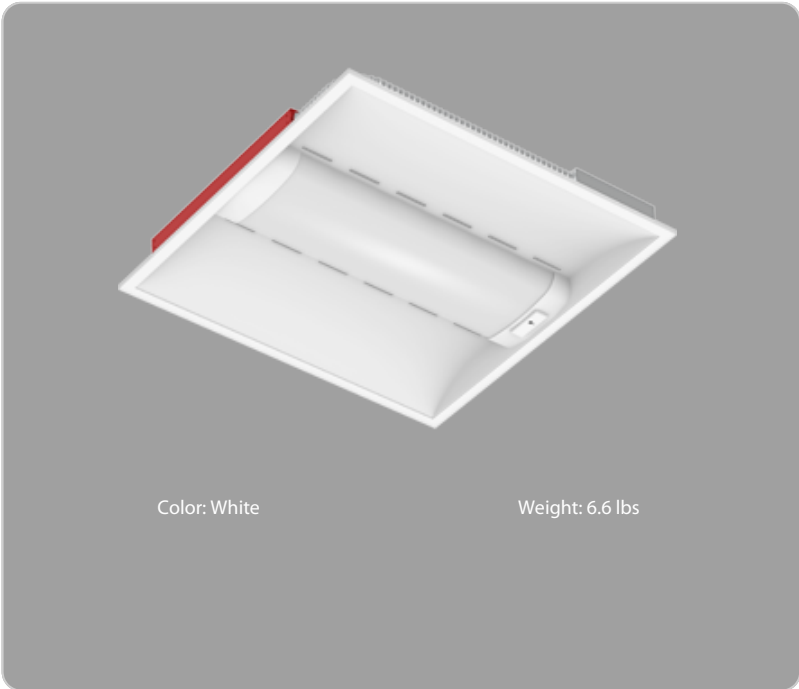




|              |       |
|--------------|-------|
| Project:     | Type: |
| Prepared By: | Date: |

| 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 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-M443P3

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 IES lm-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

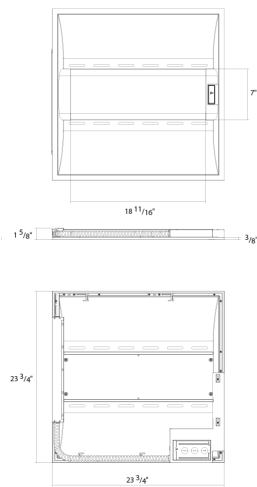
**Remote Control Accessory:**

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