



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

| Driver Info |                  | LED Info       |                  |
|-------------|------------------|----------------|------------------|
| Type        | Constant Current | Watts          | 29W              |
| 120V        | 0.25A            | Color Temp     | Field Adjustable |
| 208V        | 0.15A            | Color Accuracy | 83-85 CRI        |
| 240V        | 0.13A            | L70 Lifespan   | 100,000 Hours    |
| 277V        | 0.12A            | Lumens         | 2,916-5,668 lm   |
| Input Watts | 18.2-36.4W       | Efficacy       | 145.4-166 lm/W   |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
1' x 4': 39W/29W/19W (factory default 29W)  
Color temperature selectable by 3500K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:

Suitable for 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.

Trade Agreements Act Compliant:

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

Electrical

Driver:

Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.14A, 240V: 0.12A, 277V: 0.11A

THD:

11.9% at 120V, 7.84% at 277V

Power Factor:

99.2% at 120V, 96.4% at 277V

Surge Protection:

2 kV

Construction

Cold Weather Starting:

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

Ambient Temperature:

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

IC Rated:

Suitable for direct contact with insulation

Housing:

Die-formed, 20-gauge, cold-rolled steel

Reflector:

Integral reflector (on the sides) with high reflectance finish, optimized for uniform distribution.

Lens:

Frosted polycarbonate lens

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

Recessed ceiling

LED Characteristics

LEDs:

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

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.

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)

**Technical Specifications (continued)****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

**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

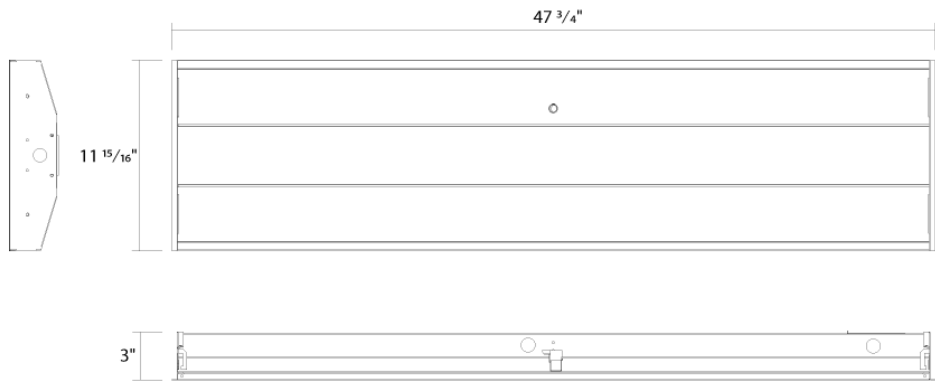
**Remote Control Accessory:**

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

**Other****5-Year, No-Compromise 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](http://rablighting.com/warranty).

Dimensions



Ordering Matrix

| Family  | Size/Wattage                                                                     | Color Temp                             | Driver               | Options                                                                    | Battery Backup                            |
|---------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|----------------------------------------------------------------------------|-------------------------------------------|
| SWISHFA | 1X4                                                                              |                                        | /D10                 | /MVS                                                                       |                                           |
|         | 2X2 = 2' x 2', 39/29/19W<br>1X4 = 1' x 4', 39/29/19W<br>2X4 = 2' x 4', 49/39/29W | Blank = 3500/4000/5000K CCT Adjustable | /D10 = 0-10V Dimming | Blank = No Option<br>/MVS = Microwave Occupancy Sensor<br>/LC = Lightcloud | Blank = No Option<br>/E2 = Battery Backup |