



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

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.

#### IC Rated:

Suitable for direct contact with insulation

#### 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)

#### 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 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)

**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).

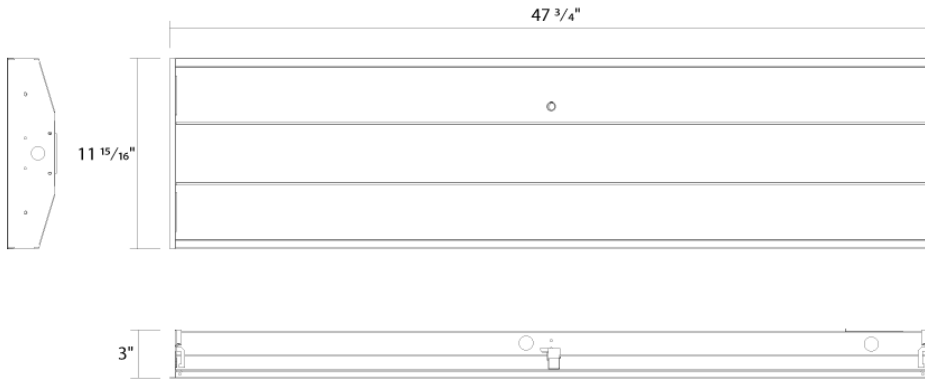
**Compatible Accessories:**

RMKEZPAN[2X2][1X4][2X4]  
Recessed mounting kit

SMKEZPAN[2X2][1X4][2X4]  
Surface mounting kit

EMB-[9][15][25]  
0-10V Dimmable 120-347V emergency driver

Dimensions



Ordering Matrix

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