



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

Driver Info		LED Info	
Type	Constant Current	Watts	39W
120V	0.33A	Color Temp	3500K (Warm Neutral)
208V	0.19A	Color Accuracy	82 CRI
240V	0.17A	R9	4.5
277V	0.15A	L70 Lifespan	100,000 Hours
Input Watts	39.5W	Lumens	4,970 lm
		Efficacy	125.8 lm/W

**Technical Specifications**

**Compliance**

**UL Listed:**

Suitable for dry and damp locations.

**IC Rated:**

Suitable for direct contact with insulation

**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%.

**THD:**

8.66% at 120V, 9.95% at 277V

**Power Factor:**

99.3% at 120V, 96% at 277V

**Surge Protection:**

2 kV

**Construction**

**Operating Temperature:**

-4°F(-20°C) to 104°F (40°C)

**Housing:**

Sheet metal and extruded aluminum

**Reflector:**

Aluminum with high reflectance white finish, optimized for uniform distribution.

**Lens:**

Frosted polystyrene

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Installation**

**Mounting:**

Recessed into T-grid ceiling. Surface and recessed mounting kits available for drywall ceilings.

**LED Characteristics**

**LEDs:**

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

**Color Stability:**

LED color temperature is warranted 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 IESlm-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:**

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

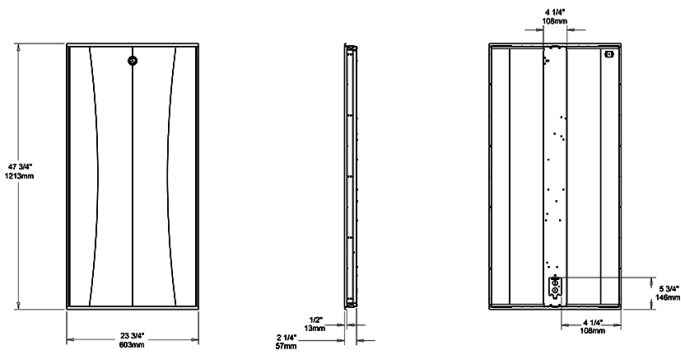
**Remote Control Accessory:**

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









## Features

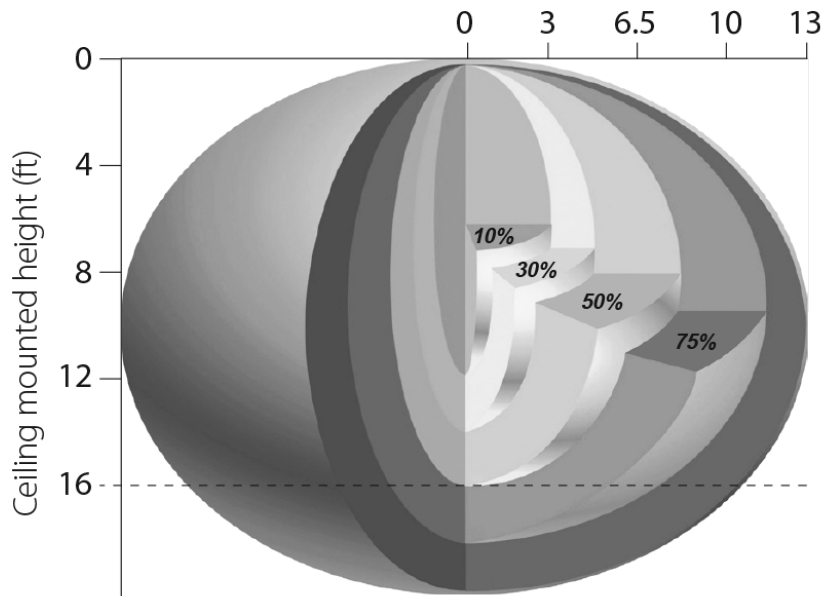
- Contemporary LED centerbasket with direct/indirect illumination
- Field-adjustable light output (3 discrete steps) - can be changed before, during or after installation
- 100,000-Hour LED lifespan

## Coverage Pattern

## MVS - Occupancy Sensor Detection Pattern

### Features

-  24-hour daylight monitoring dawn/dusk sensor
-  Tri-level dimming control based upon occupancy (*also known as corridor function*)
-  1-10V dimming control method
-  One-touch daylight learning via remote control
-  Zero crossing detection circuit reduces in-rush current and prolongs relay life
-  Loop-in and loop-out terminal for efficient installation



Ordering Matrix

Family	Size		CRI/Color Temp	Driver	Options
SWISHFA-EDGE	2X4	-	835	U	/MVS
	2X4 = 29/39/49W 2X2 = 19/29/39W		840 = 80 CRI, 4000K Neutral 835 = 80 CRI, 3500K Warm Neutral	U = 0-10V Dimming	/LCBS/E2 = Lightcloud Blue w/PIR Sensor w/Battery Backup /LCB/E2 = Lightcloud Blue w/Battery Backup /LCBS = Lightcloud Blue w/PIR Sensor /LCB = Lightcloud Blue /MVS/E2 = Microwave Occupancy Sensor w/Battery Backup /LCS/E2 = Lightcloud Sensor w/Battery Backup /LC/E2 = Lightcloud w/Battery Backup /MVS = Microwave Occupancy Sensor /LCS = Lightcloud Sensor /LC = Lightcloud /E2 = Battery Backup Blank = No Option