



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

Driver Info		LED Info	
Type	Constant Current	Watts	40/30/20W
120V	0.30A/0.25A/0.17A	Color Temp	3500/4000/5000K
208V	0.17A/0.14A/0.10A	Color Accuracy	84-86 CRI
240V	0.15A/0.13A/0.08A	L70 Lifespan	100,000 Hours
277V	0.13A/0.11A/0.07A	Lumens	2,810-4,884 lm
Input Watts	19.7-35.4W	Efficacy	133.5-143.8 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
2' x 4': 36W/30W/20W (factory default 36W)  
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

#### 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:

6.86% at 120V, 12.76% at 277V

#### Power Factor:

99.7% at 120V, 97.2% at 277V

#### Surge Protection:

L-N: 1 kV  
L/N-PE: 2 kV

#### Battery Backup:

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

#### Battery Backup Light Loss Factor:

36W: 10.6%  
30W: 11%  
20W: 19.6%

### Construction

#### Cold Weather Starting:

Minimum starting temperature is 5°C (41°F)

#### Ambient Temperature:

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

### Housing:

Polypropylene (PP)

### Reflector:

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

### Lens:

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

## Technical Specifications (continued)

### 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

#### 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

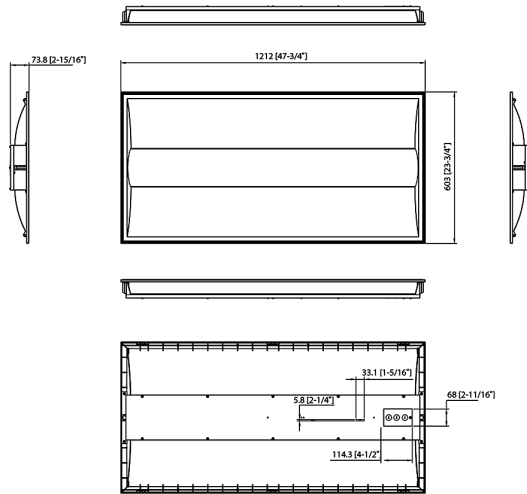
#### 5-Year, No-Compromise Warranty:

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).

#### Driver:

36W: Class 2, Constant Current, 120-277V, 50/60 Hz,  
120V: 0.30A, 208V: 0.17A, 240V: 0.15A, 277V: 0.13A  
30W: Class 2, Constant Current, 120-277V, 50/60 Hz,  
120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A  
20W: Class 2, Constant Current, 120-277V, 50/60 Hz,  
120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A

## Dimensions



## Features

- 0-10V Dimming, standard
- 100,000-hour LED lifespan
- 5-Year, no-compromise warranty

## Ordering Matrix

Family	Size (Wattage)	Color Temp	Finish	Driver	Options
C-SWISH	2X4				/MVS/E
	2X2 = 2' x 2' (30/25/20W) 1X4 = 1' x 4' (30/25/20W) 2X4 = 2 x 4' (36/30/20W)	Blank = 3500/4000/5000K CCT Adjustable	Blank = White	Blank = 120-277V, 0-10V Dimming	Blank = No Option /E = Battery Backup /MVS = Microwave Occupancy Sensor /LCBS/MVS = Lightcloud Blue MVS Sensor /LC = Lightcloud /LC/E = Lightcloud w/Battery Backup /MVS/E = Microwave Occupancy Sensor w/Battery Backup /LCBS/MVS/E = Lightcloud Blue MVS Sensor w/Battery Backup