



Project:	Туре:
Prepared By:	Date:

Driver Info	)	LED Info		
Type	Constant Current	Watts	39W	
120V	0.31A	Color Temp	5000K (Cool)	
208V	0.20A	Color Accuracy	85 CRI	
240V	0.17A	L70 Lifespan	100,000 Hours	
277V	0.14A	Lumens	5,619 lm	
Input Watts	38.4W	Efficacy	146.3 lm/W	

# **Technical Specifications**

# Compliance

### **CCEA Compliant:**

Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City of Chicago

### **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 IESNAIm-79 and Im-80

### **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: PSHMA9UJ

### **Electrical**

### Driver:

Class 2, Constant Current, 120-277V, 50/60Hz, 120V: 0.31A, 208V: 0.20A, 240V: 0.17A, 277V: 0.14A

### **Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

### THD:

3.77% at 120V, 5.21% at 277V

### Power Factor:

99.7% at 120V, 94.9% at 277V

### **Surge Protection:**

2.5kV

### Construction

# Cold Weather Starting:

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

### **Ambient Temperature:**

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

### IC Rated:

Suitable for direct contact with insulation

### Housing:

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

### Mounting:

Integral T-grid clips make installation easy and secure

## Reflector:

High-reflectance, powder-coated finish, optimized for uniform light distribution

#### Lens:

Snap-in, frosted polycarbonate lens

#### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

# **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



# **Technical Specifications (continued)**

### Other

# 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.

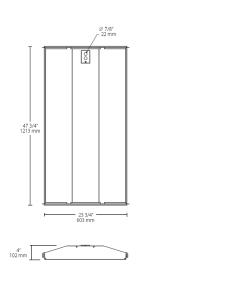
### Patents:

This design is protected by patents pending in US, Canada, China, Taiwan and Mexico

### **Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

# **Dimensions**



# **Features**

Ultra-efficient performance with DLC Premium listing

Optional surface mount and drywall frame kits available

 $Optional\ programmable\ occupancy\ sensor\ for\ multi-level\ lighting\ control$ 

0-10V dimming, standard on all models

100,000-hour LED lifespan5-Year, No-Compromise Warranty

# **Ordering Matrix**

Family	Size		Wattage	Color Temp	Driver	Options	Chicago Penum
SWISH	2X4	-	39		/D10		/CP
	<b>2X4</b> = 2' x 4' <b>2X2</b> = 2' x 2'		19 = 19W (2x2) 29 = 29W (2x2) 39 = 39W (2x4) 49 = 49W (2x4)	Blank = 5000K Cool N = 4000K Neutral YN = 3500K Warm Neutral Y = 3000K Warm	/ <b>D10</b> = 0-10V Dimming	Blank = No Option  /E2 = Battery Backup  /LC = Lightcloud® Controller  /LC/E2 = Lightcloud® Controller w/  Battery Backup  /MVS = Microwave Occupancy Sensor  /MVS/E2 = Microwave Occupancy Sensor w/ Battery Backup	Blank = Standard /CP = Chicago Plenum

SWISH2X4-39/D10/CP

