



Project:	Туре:
Prepared By:	Date:

Driver Info	•	LED Info	
Type	Constant Current	Watts	39W
120V	0.31A	Color Temp	3500K (Warm
208V	0.20A	C0.0 Cp	Neutral)
240V	0.17A	Color Accuracy	83 CRI
277V	0.14A	L70 Lifespan	100,000 Hours
Input Watts	37.7W	Lumens	5,334 lm
•		Efficacy	141.5 lm/W

# **Technical Specifications**

# 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 IESNAIm-79 and Im-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

#### **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: PBGV47Q8

#### **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**

#### I FDs:

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

# SWISH2X4-39YN/D10/LCB



# **Technical Specifications (continued)**

# Lightcloud

# **Lightcloud Blue Installed:**

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud Blue utilizes a "BLE Mesh" network communication protocols. Offers the capability to set the maximum light output to a less-thanmaximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud "BLE Mesh" network communication protocols. The Lightcloud Blue controller is designed to be attached to the fixture directly. DLC system - N1XMLOEATBA Learn more about Lightcloud.

#### 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 <a href="mailto:rable-trans-rable-t

## Patents:

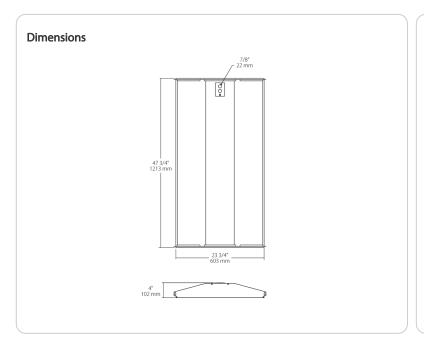
This design is protected by patents pending in US, Canada, China, Taiwan and Mexico

#### **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.

# SWISH2X4-39YN/D10/LCB





# **Features**

Direct Connect to the Lightcloud Blue mobile app via Bluetooth, no Gateway or Hub required

Use mobile device to configure features for On/Off Control, Dim Level, Schedules, Scenes, and more.

Meets Luminaire Level Lighting Control (LLLC) requirements

Integrated passive infrared or microwave sensor for added savings

Use mobile device to configure sensor settings for sensitivity, timeout and actions

Emergency battery backup options available

Ordering Matrix							
Family	Size	Wattage	Color Temp	Driver	Options	Chicago Penum	
SWISH	2X4 -	39	YN	/D10	/LCB		
	2X4 = 2' x 4' 2X2 = 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	/D10 = 0-10V Dimming	Blank = No Option  /E2 = Battery Backup  /LC = Lightcloud® Controller  /LCBS = Lightcloud® Blue Enabled w/ PIR  Sensor  /MVS = Microwave Occupancy Sensor  /LC/E2 = Lightcloud® Controller w/ Battery  Backup  /LCB/E2 = Lightcloud® Blue Enabled and  Battery Backup  /LCBS/E2 = Lightcloud® Blue Enabled w/ PIR  Sensor and Battery Backup  /LCBS/MVS = Lightcloud® Blue Enabled w/  MVS Sensor  /LCBS/MVS/E2 = Lightcloud® Blue Enabled w/  MVS Sensor  /LCBS/MVS/E2 = Lightcloud® Blue Enabled  w/ MVS Sensor and Battery Backup  /MVS/E2 = Microwave Occupancy Sensor w/  Battery Backup	Blank = Standard /CP = Chicago Plenum	