



Project:	Туре:
Prepared By:	Date:

Driver Info	)	LED Info	
Туре	Constant Current	Watts	29W
120V	0.25A	Color Temp	4000K (Neutral)
208V	0.14A	Color Accuracy	83 CRI
240V	0.12A	L70 Lifespan	60,000 Hours
277V	0.11A	Lumens	3,373 lm
Input Watts	26.7W	Efficacy	126.3 lm/W

# **Technical Specifications**

## Compliance

#### UL Listed:

Suitable for damp locations

#### **CCEA Compliant:**

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

#### 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 on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: PD0CZMB6

# Electrical

## Driver:

Class 2, Constant Current, 120-277V, 50/60Hz, 120V: 0.25A, 208V: 0.14A, 240V: 0.12A, 277V: 0.11A

# **Dimming Driver:**

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

#### THD:

3.45% at 120V, 7.38% at 277V

#### **Power Factor:**

99.6% at 120V, 91.8% 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, 24-gauge, cold-rolled steel

#### Mounting:

Integral T-grid clips make installation easy and secure

## Reflector:

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

#### Lens:

Frosted polycarbonate

#### 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 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:

60,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### Wattage Equivalency:

Equivalent to (3) F17T8

# **Sensor Specifications**

## Maximum Mounting Height:

13 ft

# SWISH34-2X2-29N/PIR



# **Technical Specifications (continued)**

#### Voltage:

12V DC (+3V-0V)

#### Dimming:

0-10V dimming ouput, max 20mA sinking current

## **Operating Temperature:**

-20°C to 50°C (-4°F to 122°F)

## **Storage Temperature:**

-25°C - 70°C (-13°F - 158°F)

#### **Operating Humidity:**

5% - 93% without condensation

## IP Rating:

IP20

# Warm Up Time:

45s +/-5s

## Standby (w):

<0.3W

#### Module Interaction:

Wire AWG 22 (Grey Dim -, Purple Dim +, Yellow 12V DC)

# On-Time Adjustment:

10s, 5min, 10min, 30min with +/-5% tolerance (Factory Setting: 30min +/-5%)

#### Bi-Level:

0, 10%, 30%, 50% with +/-5% tolerance (Factory Setting: 10%)

#### **Debounce Time:**

Day to Night: 5s Night to Day: 30s

## **Open Circuit Protection:**

No

# **Short Circuit Protection:**

Yes

#### Other

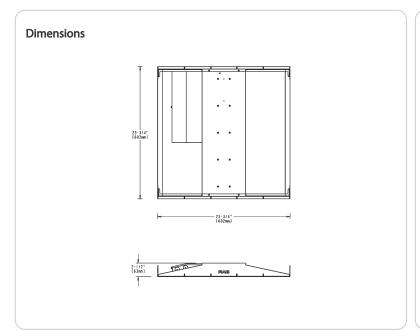
## 5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

# **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.





#### Features

Optional surface and recessed mount kits available

Optional programmable occupancy sensor for multi-level lighting control

0-10V dimming, standard on all models

60,000-hour LED lifespan

5-Year, limited warranty

