## SWISH2X2-29N/D10/CP

# RAB



Technical	<b>Specifications</b>
recinical	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 andIm-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: PC4KH4TS

### Electrical

#### Driver:

Class 2, Constant Current, 120-277V, 50/60Hz, 120V: 0.24A, 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:** 6.54% at 120V, 5.25% at 277V

**Power Factor:** 99.5% at 120V, 95.4% 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

Project:	Туре:
Prepared By:	Date:

Driver Info			LED Info	
	Туре	Constant Current	Watts	29W
	120V	0.24A	Color Temp	4000K (Neutral)
	208V	0.14A	Color Accuracy	85 CRI
	240V	0.12A	L70 Lifespan	100,000 Hours
	277V	0.11A	Lumens	4,039 lm
	Input Watts	29.9W	Efficacy	135.1 lm/W

**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

# SWISH2X2-29N/D10/CP

### **Technical Specifications (continued)**

### Other

#### Warranty:

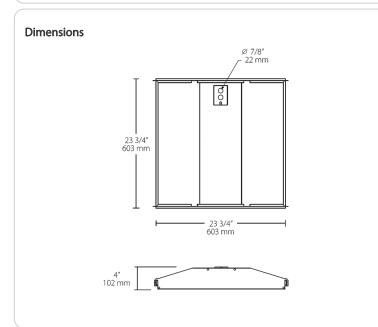
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at <u>rablighting.com/warranty</u>.

#### 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.



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

Need help? Tech help line: (888) 722-1000 Email: sales@rablighting.com Website: www.rablighting.com

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