SWISH2X4-39N/D10/LCBS/E2

RAB

Driver Info

Type	Constant Current
120V	0.31A
208V	0.20A
240V	0.17A
277V	0.14A
Input Watts	37.6W

LED Info

Watts	39W
Color Temp	4000K (Neutral)
Color Accuracy	85 CRI
L70 Lifespan	100,000 Hours
Lumens	5,436 lm
Efficacy	144.6 lm/W

LED efficiency and performance in an economical 2'x4' center basket troffer with emergency battery-backup that will operate the fixture for at least 90 minutes if power fails.

Color: White   Weight: 27.5 lbs

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 IESNA LM-79 and LM-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: PSH2XFNU

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

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

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

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.

Installation

Mounting:
Integral T-grid clips make installation easy and secure

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.

RAB

Technical Specifications (continued)

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Lightcloud

Lightcloud Blue Sensor Installed:
Lightcloud Blue is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA (Interior);
NHCZ2BIA17L (Exterior)

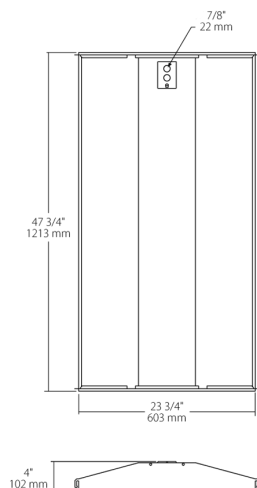Learn more at www.lightcloud.com.

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

Dimensions

7/8"
22 mm

47 3/4"
1213 mm

23 3/4"
603 mm

4"
102 mm

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.
- Includes emergency battery backup

Ordering Matrix

Family	Size		Wattage	Color Temp	Driver	Options	Chicago Penum
SWISH	2X4	–	39	N	/D10	/LCBS/E2	

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

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

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