SWISH2X2-19YN/D10/E2

RAB | Indoor

Project:	Type:
Prepared By:	Date:

Driver Info
Type:	Constant Current
120V:	0.16A
208V:	0.10A
240V:	0.09A
277V:	0.08A
Input Watts:	20W
Efficiency:	96%

LED Info
Watts:	19W
Color Temp:	3500K (Warm Neutral)
Color Accuracy:	84 CRI
L70 Lifespan:	100,000
Lumens:	2376
Efficacy:	120 LPW

LED efficiency and performance in an economical 2'x2' center basket troffer with emergency battery-backup that will operate the fixture for at least 90 minutes if power fails.

Color: White   Weight: 15.7 lbs

Technical Specifications

Listings

UL Listing:

Suitable for damp locations

IESNA LM-79 & IESNA 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.

Electrical

Driver:

Class 2, Constant Current, 100-277V, 50/60Hz, 120V: 0.16A, 208V: 0.10A, 240V: 0.09A, 277V: 0.08A, THD <15%, Power Factor >90%, 4kV surge protection

Dimming Driver:

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

Battery Backup:

Emergency battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

THD:

13.0% at 120V, 12.6% at 277V

Power Factor:

98.6% at 120V, 90.1% at 277V

Construction

Ambient Temperature:

Suitable for 40°C (104°F) ambient temperatures

IC Rating:

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

Lifespan:

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

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period

Color Uniformity:

RAB's range of CCT (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.

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

Patents:

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

Replacement:

Replaces (2) F17 T8 or (2) F24 T5

SWISH2X2-19YN/D10/E2

Features

Emergency battery back-up included

Optional surface mount and dry wall frame kits available

Optional programmable occupancy sensor for multi-level lighting control

0-10V dimming standard on all models

100,000-hour LED lifespan

5-Year, No-Compromise Warranty

Ordering Matrix

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