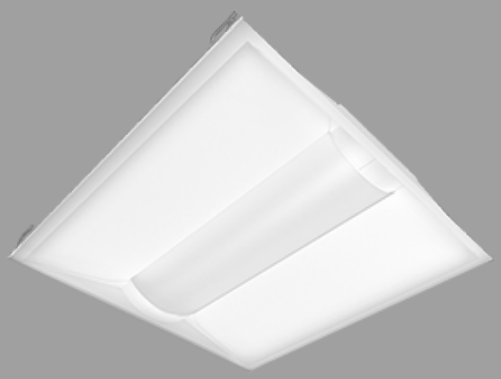
SWISH34-2X2-19YN/LCS/E2



LED efficiency and performance in an ultra-economical center basket troffer.

Color: White

Weight: 8.4 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	0.16A
208V	0.10A
240V	0.08A
277V	0.07A
Input Watts	18.5W

LED Info

Watts	19W
Color Temp	3500K (Warm Neutral)
Color Accuracy	84 CRI
L70 Lifespan	60,000 Hours
Lumens	2,153 lm
Efficacy	116.4 lm/W

Technical Specifications

Lightcloud

Lightcloud Sensor Installed:
Occupancy, vacancy, and closed loop daylight harvesting in one versatile sensor. In addition control any fixture in your Lightcloud integrated/embedded networked lighting luminaire-level control system. LLLC - capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols.
DLC system - N1XMLOEATBA
Learn more about Lightcloud.

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 IESNAlm-79 andlm-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: P1LT13EE

Electrical

Driver:
Class 2, Constant Current, 120-277V, 50/60Hz, 120V: 0.16A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A

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

THD:
7.08% at 120V, 11.35% at 277V

Power Factor:
99% at 120V, 90.4% at 277V

Surge Protection:
2.5kV

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

Battery Backup Light Loss Factor:
0.05

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

Technical Specifications (continued)

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

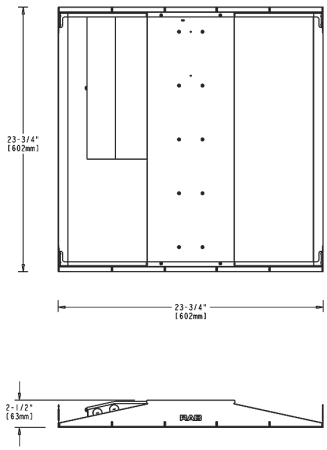
Wattage Equivalency:
Equivalent to (2) F17T8

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.

Dimensions



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

SWISH34-2X2-19YN/LCS/E2

Ordering Matrix

Family		Size		Wattage	Color Temp	Options
SWISH34	–	2X2	–	19	YN	/LCS/E2
		2X2 = 2' x 2' **2X4 =** 2' x 4'		**19 =** 19W (2' x 2') **29 =** 29W (2' x 2', 2' x 4') **39 =** 39W (2' x 4')	**N =** 4000K Neutral **YN =** 3500K Warm Neutral	**Blank =** No Option **/E2 =** Battery Backup **/LC =** Lightcloud® Controller **/LCS =** Lightcloud® Sensor **/LCB =** Lightcloud® Blue Enabled **/LCBS =** Lightcloud® Blue Enabled w/ PIR Sensor **/LCBS/MVS =** Lightcloud® Blue Enabled w/ MVS Sensor **/PIR =** Passive Infrared Occupancy Sensor **/LC/E2 =** Lightcloud® Controller w/ Battery Backup **/LCS/E2 =** Lightcloud® Sensor w/ Battery Backup **/LCB/E2 =** Lightcloud® Blue Enabled and Battery Backup **/LCBS/E2 =** Lightcloud® Blue Enabled w/ PIR Sensor and Battery Backup **/LCBS/MVS/E2 =** Lightcloud® Blue Enabled w/ MVS Sensor and Battery Backup **/PIR/E2 =** Passive Infrared Occupancy Sensor w/ Battery Backup