SWISH34-2X4-29N/PIR/E2

LED efficiency and performance in an ultra-economical center basket troffer. Color: White Weight: 14.4 lbs

Technical	Specifications
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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 andIm-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: P6PMA19I

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: 3.43% at 120V, 7.34% at 277V

Power Factor: 99.6% at 120V, 91.7% at 277V

Surge Protection: 2.5kV

Battery Backup:

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

120V

208V

240V

277V

0.25A

0.14A

0.12A

0.11A

Input Watts 26.7W

Battery Backup Light Loss Factor: 0.19

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.

Proje	ect:	Туре:		
Prep	ared By:	Date:		
Driver Ir	nfo	LED Info		
Type	Constant Current	Watts	29W	

Color Temp

L70 Lifespan

Lumens

Efficacy

Color Accuracy 82 CRI

4000K (Neutral)

60,000 Hours

3,578 lm

134 lm/W



SWISH34-2X4-29N/PIR/E2

Technical Specifications (continued)

Performance

Lifespan:

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

Wattage Equivalency:

Equivalent to (2) F32T8

Sensor Specifications

Maximum Mounting Height: 13 ft

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 <u>rablighting.com/warranty.</u>

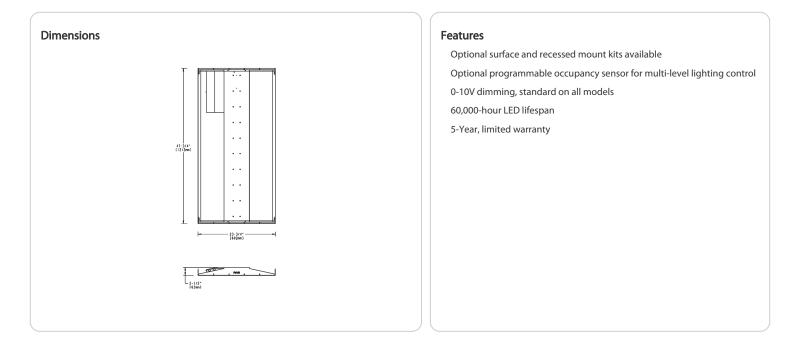
Buy American Act Compliance:

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.

RAB

SWISH34-2X4-29N/PIR/E2





Ordering Matrix

Family	Size	Wattage	Color Temp	Options
SWISH34 –	2X4 -	29	Ν	/PIR/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
				<pre>/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</pre>
				/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