SWISH34-2X4-29N/PIR

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

Color: White

Weight: 14.4 lbs

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

Driver Info

Type	Constant Current
120V	0.25A
208V	0.14A
240V	0.12A
277V	0.11A
Input Watts	26.7W

LED Info

Watts	29W
Color Temp	4000K (Neutral)
Color Accuracy	82 CRI
L70 Lifespan	60,000 Hours
Lumens	3,578 lm
Efficacy	134 lm/W

Technical Specifications

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: 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

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.

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

Technical Specifications (continued)

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

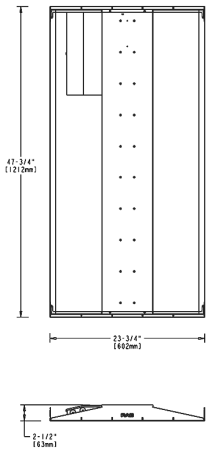
Other

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 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.

SWISH34-2X4-29N/PIR

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

Ordering Matrix

Family		Size		Wattage	Color Temp	Options
SWISH34	–	2X4	–	29	N	/PIR
		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