SWISH34-2X4-39YN/PIR/E2



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: PS9G36US

Electrical

Driver:

Class 2, Constant Current, 120-277V, 50/60Hz, 120V: 0.33A, 208V: 0.19A, 240V: 0.17A, 277V: 0.15A

Dimming Driver:

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

THD: 14.18% at 120V, 8.96% at 277V

Power Factor: 89.7% at 120V, 99.1% 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: 0.4

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

Project: Type: Prepared By: Date:

| Driver Info | | LED Info | |
|-------------|------------------|----------------|--------------|
| Туре | Constant Current | Watts | 39W |
| 120V | 0.33A | Color Temp | 3500K (Warm |
| 208V | 0.19A | color remp | Neutral) |
| 240V | 0.17A | Color Accuracy | 84 CRI |
| 277V | 0.15A | L70 Lifespan | 60,000 Hours |
| Input Watts | 37.8W | Lumens | 4,388 lm |
| | | Efficacy | 116.1 lm/W |

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.

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Technical Specifications (continued)

Performance

Lifespan:

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

Wattage Equivalency: Equivalent to (3) F32T8

Sensor Specifications

Maximum Mounting Height:

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:

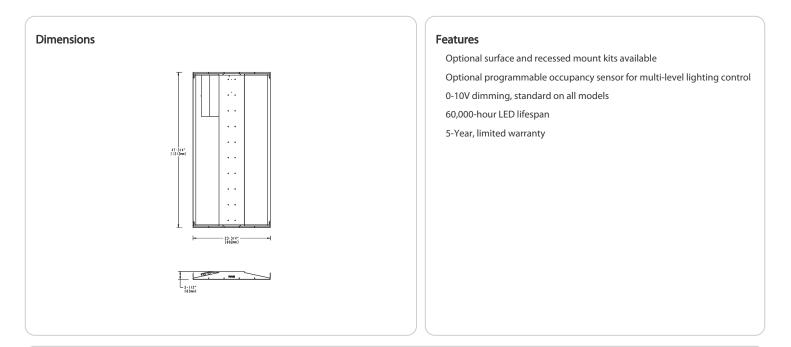
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at <u>rablighting.com/warranty.</u>

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

SWISH34-2X4-39YN/PIR/E2



Ordering Matrix

| Family | Size | Wattage | Color Temp | Options |
|-----------|--|--|--|---|
| SWISH34 – | 2X4 - | 39 | YN | /PIR/E2 |
| | 2X2 = 2' × 2' 2X4 = 2' × 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/ MVS Sensor /LCBS/MVS = Lightcloud® Blue Enabled w/ MVS Sensor /PIR = Passive Infrared Occupancy Sensor /LCZE2 = Lightcloud® Controller w/ Battery Backup /LCS/E2 = Lightcloud® Sensor w/ Battery Backup /LCS/E2 = Lightcloud® Blue Enabled and Battery Backup /LCBS/E2 = Lightcloud® Blue Enabled w/ PIR Sensor and Battery Backup /LCBS/E2 = Lightcloud® Blue Enabled w/ PIR Sensor and Battery Backup |
| | | | | Battery Backup /PIR/E2 = Passive Infrared Occupancy Sensor w/ Battery Backup |