SWISH34-1X4/PIR

Color: White

Weight: 6.3 lbs

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

Driver Info

Type	Constant Current
120V	0.25A/0.21A/0.15A
208V	0.14A/0.12A/0.08A
240V	0.13A/0.10A/0.08A
277V	0.11A/0.09A/0.06A
Input Watts	17.47-29.17W

LED Info

Watts	30/25/18W
Color Temp	3500/4000/5000K
Color Accuracy	85-87 CRI
L70 Lifespan	100,000 Hours
Lumens	2,538-4,109 lm
Efficacy	135.5-149.2 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
30/25/18W (factory default 30W)
Color temperature selectable 3500K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:
Suitable for wet locations

IESNA LM-79 & 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.

CCEA Compliant:
Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City of Chicago

DLC Listed:
This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-6GLFQT

Electrical

Driver:
30W: Constant Current, Isolated/Class 2, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A
25W: Constant Current, Isolated/Class 2, 120-277V, 50/60 Hz, 120V: 0.21A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A
18W: Constant Current, Isolated/Class 2, 120-277V, 50/60 Hz, 120V: 0.15A, 208V: 0.09A, 240V: 0.08A, 277V: 0.06A

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

THD:
3.87% at 120V, 3.41 % at 277V

Power Factor:
99.7% at 120V, 95.1% at 277V

Aux Power Supply:
Yes

Dim to Off:
Yes

Surge Protection:
L-N:2.5KV,L/N-GND:2.5KV

Construction

Cold Weather Starting:
The minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:
Suitable for use in up to 40°C (104°F)

IC Rated:
Suitable for direct contact with insulation

Housing:
Sheet metal

Lens:
Polycarbonate lens

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Installation

Mounting:
Recessed into T-grid ceiling. Surface and recessed mounting kits available for drywall ceilings.

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Technical Specifications (continued)

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

Sensor Settings

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.

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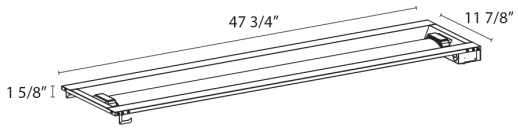
SWISH34-1X4/PIR

Dimensions



Features

100,000-Hour LED lifespan

DLC Premium Listed

5-Year, limited warranty

Ordering Matrix

Family		Length/Wattages	Color Temp	Finish	Driver	Options
SWISH34	–	1X4				/PIR
		2X2 = 2' x 2' (30/25/18W) **2X4 =** 2' x 4' (40/35/30W) **1X4 =** 1' x 4' (30/25/18W)	**Blank =** 3500K/4000K/5000K CCT Adjustable	**Blank =** White	**Blank =** 120-277V, 0-10V Dimming	**/LCBS/MVS/E =** Lightcloud Blue w/MVS Sensor & Battery Backup **/LCBS/E =** Lightcloud Blue w/PIR Sensor & Battery Backup **/PIR/E =** Passive Infrared Occupancy Sensor w/Battery Backup **/MVS/E =** Microwave Occupancy Sensor w/Battery Backup **/LC/E =** Lightcloud w/Battery Backup **/LCBS/MVS =** Lightcloud Blue w/MVS Sensor **/LCBS =** Lightcloud Blue w/PIR Sensor **/PIR =** Passive Infrared Occupancy Sensor **/MVS =** Microwave Occupancy Sensor **/LC =** Lightcloud **/E =** Battery Backup **Blank =** No Option

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