# SWISH1X4/PIR

**RAB**



Color: White          Weight: 5.3 lbs

| Project: | | Type: |
| --- | --- | --- |
| Prepared By: | | Date: |

### Driver Info

| | |
| --- | --- |
| Type | Constant Current |
| 120V | 0.29A/0.21A/0.14A |
| 208V | 0.17A/0.12A/0.08A |
| 240V | 0.14A/0.11A/0.07A |
| 277V | 0.13A/0.10A/0.07A |
| Input Watts | 16.7-34.5W |

### LED Info

| | |
| --- | --- |
| Watts | 35/26/18W |
| Color Temp | 3500K/4000K/5000K |
| Color Accuracy | 82-84 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 2455-4922 lm |
| Efficacy | 137.3-153 lm/W |

## Technical Specifications

### Field Adjustability

**Field Adjustable:**
Field Adjustable Light Output:
35/26/17W (factory default 35W)
Color Temperature Adjustable:
3500K, 4000K and 5000K (factory default 4000K)

### Compliance

**UL Listed:**
Suitable for dry and damp locations.

**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.

**IP Rating:**
IP20

**Trade Agreements Act Compliant:**
This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

**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-RV80FX

### Electrical

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

**Surge Protection:**
2 kV L-L, 2 kV L/N-G

### Construction

**Cold Weather Starting:**
The minimum starting temperature is -4°F (-20°C)

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

**Lens:**
Diffused Polymethyl Methacrylate (PMMA)

**Housing:**
Cold Rolled Carbon Steel Sheets and Strip (SPCC)

**Size:**
1'x4'

**Finish:**
Formulated for high durability and long-lasting color

### LED Characteristics

**LEDs:**
Long-life, high-efficacy, surface-mount LEDs

### Performance

**Lifespan:**
100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

### Sensor Settings

**Voltage:**
12V DC (+3V-0V)

**Dimming:**
0-10V dimming ouput, max 20mA sinking current

**Operating Temperature:**
-4°F to 122°F(-20°C to 50°C)

**Storage Temperature:**
-13°F - 158°F(-25°C - 70°C)

**Operating Humidity:**
5% - 93% without condensation

**IP Rating:**
IP20

**Warm Up Time:**
45s +/-5s

## Technical Specifications (continued)

**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

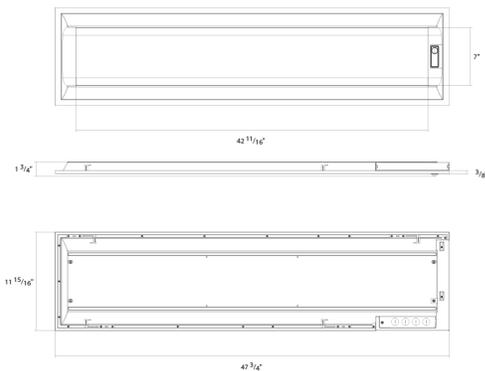**Short Circuit Protection :**
Yes

## Other

**5-Year 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.

## Dimensions



## Features

100,000-Hour LED lifespan

DLC Premium Listed

5-Year, limited warranty

**RAB**

## Ordering Matrix

| Family | Size/Wattage | Color Temp | Driver | Controls | Battery Backup |
|--------|--------------|------------|--------|----------|----------------|
| SWISH | 1X4 | | | /PIR | |

**Size/Wattage**
**2X2 =** 2' x 2', 35/26/18W
**1X4 =** 1'.x 4', 35/26/18W
**2X4 =** 2' x 4', 44/35/26W

**Color Temp**
**Blank =** 3500/4000/5000K

**Driver**
**Blank =** 120-277V, 0-10V Dimming

**Controls**
**Blank =** None
**/PIR =** Passive Infrared Occupancy Sensor
**/MVS =** Microwave Occupancy Sensor
**/LCBS =** Lightcloud Blue w/PIR Sensor
**/LCBS/MVS =** Lightcloud Blue w/MVS Sensor

**Battery Backup**
**Blank =** None
**/E =** Battery Backup