



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	30/25/18W
120V	0.25A/0.21A/0.15A	Color Temp	3500/4000/5000K
208V	0.14A/0.12A/0.08A	Color Accuracy	85-86 CRI
240V	0.13A/0.10A/0.08A	L70 Lifespan	100,000 Hours
277V	0.11A/0.09A/0.06A	Lumens	2,397-3,700 lm
Input Watts	17.69-29.02W	Efficacy	125.3-135.5 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-9H1B2F

**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:**

3.74% at 120V, 4.41% at 277V

**Power Factor:**

99.7% at 120V, 96.2% at 277V

**Aux Power Supply:**

Yes

**Dim to Off:**

Yes

**Surge Protection:**

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

**Battery Backup:**

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

**Battery Backup Light Loss Factor:**

30W: 0.27

25W: 0.32

18W: 0.44

**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

**Technical Specifications (continued)****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.

**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 output, 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

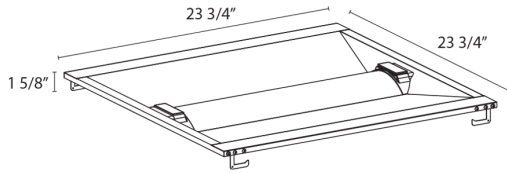
**Short Circuit Protection :**

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](http://rablighting.com/warranty).

**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	-	2X2			/PIR/E
	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