



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

Driver Info		LED Info	
Type	Constant Current	Watts	29W
120V	0.25A	Color Temp	4000K (Neutral)
208V	0.14A	Color Accuracy	82 CRI
240V	0.12A	L70 Lifespan	60,000
277V	0.11A	Lumens	3,578
Input Watts	26.7W	Efficacy	134 lm/W

## Technical Specifications

### Listings

**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 & IESNA 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.

### 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

**Battery Backup:**

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

**Battery Backup Light Loss Factor:**

0.19

### 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

## Technical Specifications (continued)

### Construction

#### 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

### Sensor Specifications

#### Maximum Mounting Height:

13 ft.

#### Voltage:

12V DC (+3V-0V)

#### Dimming:

0-10V dimming output, max 20mA sinking current

#### Operating Temperature:

-20°C - 50°C (-4°F - 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

#### Equivalency :

Equivalent to (2) F32T8

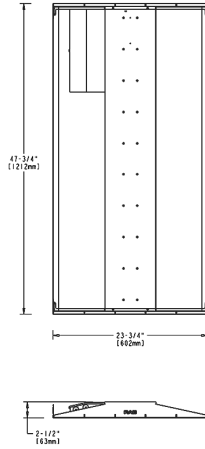
#### 5 Yr Limited Warranty:

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).

#### 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.

## 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	-	29	N	/PIR/E2
	<b>2X2</b> = 2' x 2' <b>2X4</b> = 2' x 4'	<b>19</b> = 19W (2' x 2') <b>29</b> = 29W (2' x 2', 2' x 4') <b>39</b> = 39W (2' x 4')	<b>N</b> = 4000K (Neutral) <b>YN</b> = 3500K (Warm Neutral)	<b>Blank</b> = No Option <b>/E2</b> = Battery Backup <b>/LC</b> = Lightcloud® Controller <b>/LCS</b> = Lightcloud® Sensor <b>/PIR</b> = Passive Infrared Occupancy Sensor <b>/LC/E2</b> = Lightcloud® Controller w/ Battery Backup <b>/LCS/E2</b> = Lightcloud® Sensor w/ Battery Backup <b>/PIR/E2</b> = Passive Infrared Occupancy Sensor w/ Battery Backup