



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

Driver Info		LED Info	
Type	Constant Current	Watts	40/35/30W
120V	0.33A/0.29A/0.25A	Color Temp	3500/4000/5000K
208V	0.19A/0.17A/0.14A	Color Accuracy	84-85 CRI
240V	0.17A/0.15A/0.13A	L70 Lifespan	100,000 Hours
277V	0.14A/0.13A/0.11A	Lumens	4,140-5,509 lm
Input Watts	29.73-39.96W	Efficacy	130.3-145 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
40/35/30W (factory default 40W)  
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.

#### IC Rated:

Suitable for direct contact with insulation

#### CCEA Compliant:

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

#### DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

### Electrical

#### Driver:

40W: Constant Current, Isolated/Class 2, 120-277V, 50/60 Hz, 120V: 0.33A, 208V: 0.19A, 240V: 0.17A, 277V: 0.14A  
35W: Constant Current, Isolated/Class 2, 120-277V, 50/60 Hz, 120V: 0.29A, 208V: 0.17A, 240V: 0.15A, 277V: 0.13A  
30W: Constant Current, Isolated/Class 2, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 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:

6.22% at 120V, 4.49% at 277V

#### Power Factor:

99.6% at 120V, 96.4% at 277V

#### Aux Power Supply:

Yes

#### Dim to Off:

Yes

#### Surge Protection:

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

### Construction

#### Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

#### Maximum Ambient Temperature:

Suitable for use in up to 104°F (40°C)

#### 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 IESlm-80 results and TM-21 calculations

### Sensor Settings

#### Voltage:

12V DC (+3V-0V)

#### Dimming:

0-10V dimming output, 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

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

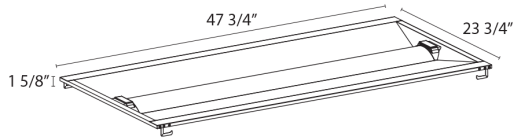
#### Compatible Accessories:

SMKEZPAN[2X2][1X4][2X4]  
Surface mounting kit

EMB-[9][15][25]

0-10V Dimmable 120-347V emergency driver

## 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	-	2X4			/PIR
	2X2 = 2' x 2' (30/25/18W) 2X4 = 2' x 4' (40/35/30W) 1X4 = 1' x 4' (30/25/18W)	Blank = 3500/4000/5000K 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