

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

Driver Info		LED Info	
Type	Constant Current	Watts	19W
120V	0.16A	Color Temp	3500K (Warm Neutral)
208V	0.10A	Color Accuracy	84 CRI
240V	0.08A	L70 Lifespan	60,000
277V	0.07A	Lumens	2,153
Input Watts	18.5W	Efficacy	116.4 lm/W

## Technical Specifications

### Lightcloud

#### Lightcloud Sensor Installed:

Occupancy, vacancy, and closed loop daylight harvesting in one versatile sensor. In addition control any fixture in your Lightcloud integrated/embedded networked lighting luminaire-level control system. LLLC - capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols.  
 DLC system - N1XMLOEATBA  
[Learn more about Lightcloud.](#)

### 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: 0.16A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A

#### Dimming Driver:

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

#### THD:

7.08% at 120V, 11.35% at 277V

#### Power Factor:

99% at 120V, 90.4% 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:

0.05

### 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

## Technical Specifications (continued)

### Construction

#### Housing:

Die-formed, 24-gauge, cold-rolled steel

#### 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

### Other

#### Equivalency :

Equivalent to (2) F17T8

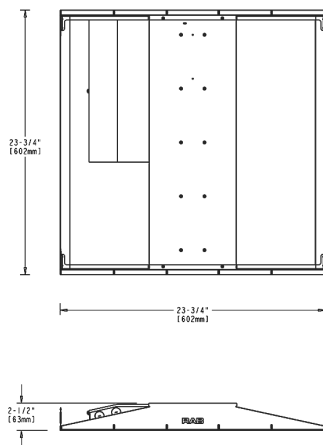
#### 5 Yr Limited Warranty:

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	-	2X2	-	19		YN		/LCS/E2

**2X2** = 2' x 2'  
**2X4** = 2' x 4'

**19** = 19W (2' x 2')  
**29** = 29W (2' x 2', 2' x 4')  
**39** = 39W (2' x 4')

**N** = 4000K (Neutral)  
**YN** = 3500K (Warm Neutral)

**Blank** = No Option  
**/E2** = Battery Backup  
**/LC** = Lightcloud® Controller  
**/LCS** = Lightcloud® Sensor  
**/PIR** = Passive Infrared Occupancy Sensor  
**/LC/E2** = Lightcloud® Controller w/ Battery Backup  
**/LCS/E2** = Lightcloud® Sensor w/ Battery Backup  
**/PIR/E2** = Passive Infrared Occupancy Sensor w/ Battery Backup