

Color: White

Weight: 6.1 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

| Type        | Constant Current  |
|-------------|-------------------|
| 120V        | 0.25A/0.21A/0.15A |
| 208V        | 0.14A/0.12A/0.08A |
| 240V        | 0.13A/0.10A/0.08A |
| 277V        | 0.11A/0.09A/0.06A |
| Input Watts | 17.69-29.02W      |

LED Info

|                |                  |
|----------------|------------------|
| Watts          | 30/25/18W        |
| Color Temp     | 3500/4000/5000K  |
| Color Accuracy | 85-86 CRI        |
| L70 Lifespan   | 100,000 Hours    |
| Lumens         | 2,397-3,700 lm   |
| 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:2.5 kV,L/N-GND:2.5 kV

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°F (-40°C)

Maximum Ambient Temperature:

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

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

### Lightcloud

#### Wireless Network Lighting Control:

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 - Interior: N1XMLOEATBA; Exterior: NHCZ2BIA17L

Learn more at [www.lightcloud.com](http://www.lightcloud.com)

#### Gateway Required:

Yes

#### Communication Protocol:

Cellular/Zigbee Mesh

#### Range:

100 ft through obstructions; up to 1,000 feet clear line of sight

#### Spacing Criteria:

Lightcloud devices should be placed within the specified range to communicate within the mesh network.

### Sensor Settings

#### Occupied Actions:

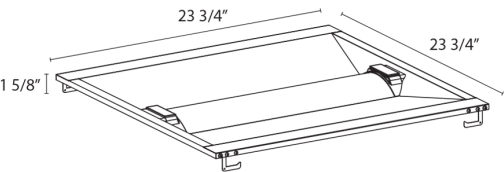
On or On at a Dim Level

### 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).

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                                                                                 |                                           |               |                                    | /LC/E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|         |   | 2X2 = 2' x 2' (30/25/18W)<br>2X4 = 2' x 4' (40/35/30W)<br>1X4 = 1' x 4' (30/25/18W) | Blank = 3000/4000/5000K CCT<br>Adjustable | Blank = White | Blank = 120-277V, 0-10V<br>Dimming | /LCBS/MVS/E = Lightcloud Blue w/MVS<br>Sensor & Battery Backup<br>/LCBS/E = Lightcloud Blue w/PIR<br>Sensor & Battery Backup<br>/PIR/E = Passive Infrared Occupancy<br>Sensor w/Battery Backup<br>/MVS/E = Microwave Occupancy<br>Sensor w/Battery Backup<br>/LC/E = Lightcloud w/Battery Backup<br>/LCBS/MVS = Lightcloud Blue w/MVS<br>Sensor<br>/LCBS = Lightcloud Blue w/PIR Sensor<br>/PIR = Passive Infrared Occupancy<br>Sensor<br>/MVS = Microwave Occupancy Sensor<br>/LC = Lightcloud<br>/E = Battery Backup<br>Blank = No Option |