

Color: White

Weight: 6.2 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

Sensor Settings

Detection Angle:

About 30 to 150 degrees

Lightcloud

Lightcloud Blue Low Voltage Controller and Related Sensor Installed:

Occupancy, Vacancy, and closed loop daylight harvesting in one versatile sensor. In addition control any fixture in your Lightcloud Blue 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 Blue utilizing a "BLE Mesh" network communication protocols. The Lightcloud Blue sensor can be attached to the fixture provided an unobstructed view of the coverage area is available. DLC system - N1XMLOEATBA
[Learn more at www.lightcloud.com](http://www.lightcloud.com)

Technology:

Microwave Sensor

Microwave Frequency:

5.8GHz +/- 7.5MHz

Maximum Mounting Height:

13.1 ft

Maximum Detection Range:

26.2 ft diameter at 13.1 ft height

Uncommissioned State Parameters:

Motion Sensor Status: Enabled
Motion Sensitivity: High (100% range)
Brightness when triggered: 100%
Hold Time: 1 minute
Daylight: Disabled by default

Commissioned State Parameters (Once paired to Lightcloud Blue App):

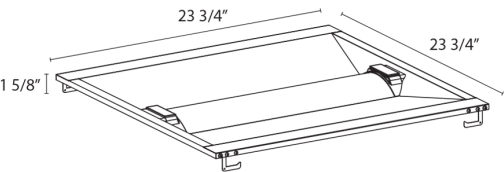
Motion Sensor Status: Disabled (can be enabled via app)
Motion Sensitivity: High (100% range, can be adjusted to medium and low)
Brightness when triggered: Last on status (can also be adjusted to certain dim level)
Hold Time: 20 minutes (can be adjusted from 1 minute to 240 minutes)
When Vacant: Off (can be adjusted to certain dim level)
Daylight: Disabled by default

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.

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				/LCBS/MVS/E
		2X2 = 2' x 2' (30/25/18W) 2X4 = 2' x 4' (40/35/30W) 1X4 = 1' x 4' (30/25/18W)	Blank = 3000/4000/5000K 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