

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	44/35/26W
120V	0.35A/0.28A/0.21A	Color Temp	3500K/4000K/5000K
208V	0.21A/0.16A/0.12A	Color Accuracy	82-83 CRI
240V	0.18A/0.14A/0.11A	L70 Lifespan	100,000 Hours
277V	0.15A/0.13A/0.10A	Lumens	3681-6047 lm
Input Watts	24.9-42.5W	Efficacy	137.8-150.8 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
44/35/26W (factory default 44W)
Color Temperature Adjustable:
3500K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:

Suitable for dry and damp 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.

IP Rating:

IP20

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

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 to confirm the qualification status of a specific SKU prior to specification or purchase.

Electrical

Dimming Driver:

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

Surge Protection:

2 kV L-L, 2 kV L/N-G

Battery Backup:

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

Construction

Cold Weather Starting:

Minimum starting temperature is 5°C (41°F)

Maximum Ambient Temperature:

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

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Housing:

Cold Rolled Carbon Steel Sheets and Strip (SPCC)

Size:

2'x4'

Finish:

Formulated for high durability and long-lasting color

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Performance

Lifespan:

100,000-Hour LED lifespan based on IESIm-80 results and TM-21 calculations

Sensor Settings

Capacitance Load:

400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

Operating Temperature:

-4°F to +140°F (-20°C to +60°C)

Relay:

Zero-cross relay

Technical Specifications (continued)

Maximum Mounting Height:

16.4 ft

Customizable Detection Area:

10, 50, 75 or 100%

Time Delay:

5s, 30s, 1min, 5min, 10min, 20min, 30min

Cut Off Period:

0s, 10s, 1min, 5min, 10min, 30min, 1hr, Bi-Level

Cut-Off Dimming level:

10, 20, 30, 50%

Cut-Off Power:

Less than 1W

Daylight Threshold:

Disable/400Lux/350Lux/300Lux/250Lux/200Lux/120
Lux/ 80Lux/50Lux/30Lux/10Lux/2Lux

Sensor Principle:

High Frequency

Microwave Frequency:

5.8GHz +/- 75MHz

Microwave Power:

<0.3mW

Max Detection Range:

26 ft diameter at 16 ft mounting height

Detection Angle:

About 30 to 150 degrees

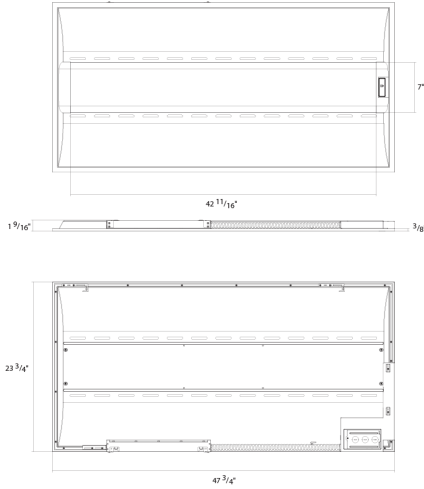
Remote Control Accessory:

Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

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	Size/Wattage	Color Temp	Driver	Controls	Battery Backup
SWISHAIR	2X4			/MVS	/E
	2X2 = 2' x 2', 35/26/18W 1X4 = 1' x 4', 35/26/18W 2X4 = 2' x 4', 44/35/26W	Blank = 3500/4000/5000K	Blank = 120-277V, 0-10V Dimming	Blank = None /PIR = Passive Infrared Occupancy Sensor /MVS = Microwave Occupancy Sensor /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor	Blank = None /E = Battery Backup