



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	35/26/18W
120V	0.29A/0.21A/0.15A	Color Temp	3500K/4000K/5000K
208V	0.17A/0.12A/0.08A	Color Accuracy	82-84 CRI
240V	0.14A/0.11A/0.07A	L70 Lifespan	100,000 Hours
277V	0.13A/0.10A/0.08A	Lumens	2386-4702 lm
Input Watts	16.9-34.7W	Efficacy	128.5-146.4 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
35/26/17W (factory default 35W)
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'x2'

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

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)

Technical Specifications (continued)

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

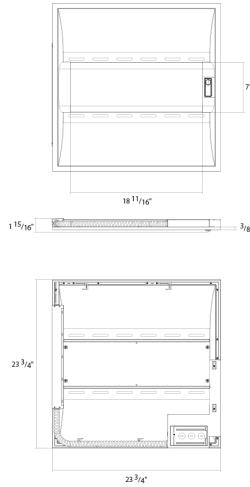
Short Circuit Protection :

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.

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	2X2			/PIR	/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