



Project:

Type:

Prepared By:

Date:

Driver Info

|             |                   |                |                   |
|-------------|-------------------|----------------|-------------------|
| Type        | Constant Current  | Watts          | 44/35/26W         |
| 120V        | 0.36A/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        | 0.16A/0.13A/0.10A | Lumens         | 3681-6047 lm      |
| Input Watts | 24.9-42.5W        | Efficacy       | 137.8-150.8 lm/W  |

LED Info

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 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-1Y204R

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 IES lm-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)

Storage Temperature:

-13°F - 158°F (-25°C - 70°C)

Operating Humidity:

5% - 93% without condensation

IP Rating:

IP20

**Technical Specifications (continued)****Warm Up Time:**

45s +/-5s

**Standby (w):**

&lt;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:**

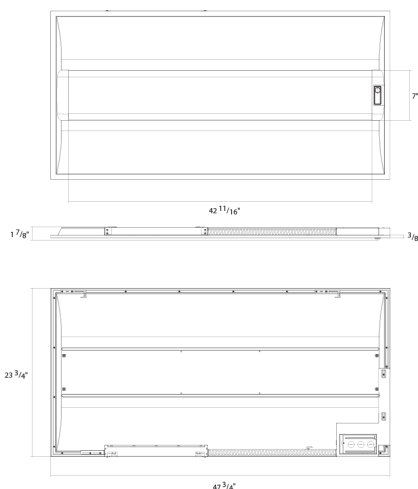
No

**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](http://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                      |
|----------------------------------------------------------------------------------|--------------|-------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| SWISH                                                                            | 2X4          |                         |                                 | /PIR                                                                                                                                                                              | /E                                  |
| 2X2 = 2' x 2', 35/26/18W<br>1X4 = 1' x 4', 35/26/18W<br>2X4 = 2' x 4', 44/35/26W |              | Blank = 3500/4000/5000K | Blank = 120-277V, 0-10V Dimming | Blank = None<br>/PIR = Passive Infrared Occupancy Sensor<br>/MVS = Microwave Occupancy Sensor<br>/LCBS = Lightcloud Blue w/PIR Sensor<br>/LCBS/MVS = Lightcloud Blue w/MVS Sensor | Blank = None<br>/E = Battery Backup |