



|              |       |
|--------------|-------|
| Project:     | Type: |
| Prepared By: | Date: |

| Driver Info |                   | LED Info       |                  |
|-------------|-------------------|----------------|------------------|
| Type        | Constant Current  | Watts          | 60/50/40W        |
| 120V        | 0.50A/0.41A/0.33A | Color Temp     | 3500/4000/5000K  |
| 208V        | 0.29A/0.24A/0.19A | Color Accuracy | 84-85 CRI        |
| 240V        | 0.25A/0.21A/0.17A | L70 Lifespan   | 50,000 Hours     |
| 277V        | 0.22A/0.18A/0.14A | Lumens         | 5,854-8,986 lm   |
| Input Watts | 39.9-60.7W        | Efficacy       | 140.2-158.5 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
60W/50W/40W (factory default 60W)  
Color temperature selectable by 5000K, 4000K and 3500K (factory default 4000K)

Compliance

UL Listed:

Suitable for 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.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.  
DLC Product Code: S-FP3EWO (Direct Linear Ambient Luminaires)  
DLC Product Code: S-W019E6 (Stairwell and Passageway Luminaires)  
DLC Product Code: S-XS42JY (Low-Bay Luminaires for Commercial and Industrial Buildings)

LED Characteristics

LEDs:

Long-life, high-efficacy, discrete, 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.

Color Consistency:

4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Construction

Ambient Temperature :

Max Power Temp Rating: 50°C (122°F)  
Middle Power Temp Rating: 53°C (127°F)  
Low Power Temp Rating: 57°C (135°F)

Cold Weather Starting:

The minimum starting temperature is -20°C (-4°F)

Lens:

Polycarbonate lens

Housing:

Sheet metal

Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish:

Formulated for high durability and long-lasting color

Performance

Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:

60W: (4) F32T8  
50W: (3) F32T8  
40W: (3) F32T8

Electrical

Dimming Driver:

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

THD:

7.52% at 120V, 7.96% at 277V

Power Factor:

99.38% at 120V, 94.72% at 277V

Surge Protection:

L-N 1KV, L/N-G 2KV

## Technical Specifications (continued)

### Installation

#### Mounting:

Surface mounting standard. V-Hooks and Chain mounting available (ordered separately, SR VHOOK KIT).

### Sensor Settings

#### Remote Control Accessory:

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

#### Operating Voltage:

DC Input: 10.5-15V

Current>50mA

#### Operating Temperature:

Ta: -31° F (-35° C)\* ~ +122° F (+50° C)

#### Sensor Warranty:

5-year sensor warranty

#### Sensitivity Setting:

25%/50%/75%/100%

#### Standby Period:

0s/10s/30s/1min/5min/10min/30min/60min/+∞

#### Daylight:

2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

#### Hold Time:

5s/30s/1min/3min/5min/10min/20min/30min

#### Standby Dimming:

10%/20%/30%/50%

#### Detection Angle:

30° to 150° without glass cover

#### Detection Distance:

Radius 9.84-22.96ft(3-7m)

#### Mounting Height:

Max 49ft.(15m)

### Other

#### 5 Yr 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).

### Accessories:

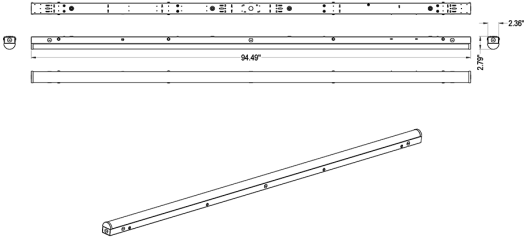
Suspended Mounting Kit: SR VHOOK KIT

Surface Mount Kit: SR JOIN KIT

### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

- 50,000-Hour LED lifespan
- 120-277V standard
- 0-10V dimming, standard
- 5-Year, limited warranty

Ordering Matrix

| Family | Size/Wattage                                                                                                      | Color Temp                             | Mounting              | Finish        | Options                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SR     | 8                                                                                                                 |                                        |                       |               | /MVS                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|        | 4L = 4ft (28/21/14W)<br>4 = 4ft (40/30/20W)<br>8 = 8ft (60/50/40W)<br>8H = 8ft (85/75/54W)<br>2 = 2ft (19/14/10W) | Blank = 3500/4000/5000K CCT Adjustable | Blank = J-Box Adaptor | Blank = White | /LCBS/MVS/E = Lightcloud Blue MVS Sensor w/Battery Back Up<br>/LCBS/E = Lightcloud Blue PIR Sensor w/Battery Back Up<br>/PIR/E = Passive Infrared Occupancy Sensor w/Battery Back Up<br>/MVS/E = Microwave Occupancy Sensor w/Battery Back Up<br>/LCBS/MVS = Lightcloud Blue w/MVS Sensor<br>/LCBS = Lightcloud Blue w/PIR Sensor<br>/PIR = Passive Infrared Occupancy Sensor<br>/MVS = Microwave Occupancy Sensor<br>/E = Battery Back Up<br>Blank = No Option |