# SR4/LCBS/MVS/E

**RAB**

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

Color: White    Weight: 4.5 lbs

### Driver Info

| | |
|---|---|
| Type | Constant Current |
| 120V | 0.33A/0.25A/0.17A |
| 208V | 0.19A/0.14A/0.10A |
| 240V | 0.17A/0.13A/0.08A |
| 277V | 0.14A/0.11A/0.07A |
| Input Watts | 20.1-42.6W |

### LED Info

| | |
|---|---|
| Watts | 40/30/20W |
| Color Temp | 5000K/4000K/3500K |
| Color Accuracy | 83-84 CRI |
| L70 Lifespan | 50,000 Hours |
| Lumens | 3,155-6,174 lm |
| Efficacy | 140.2-163.7 lm/W |

## Technical Specifications

### Field Adjustability

**Field Adjustable:**

Field Adjustable Light Output:
40W/30W/20W (factory default 19W)
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-CDUVBW

### 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

### Performance

**Lifespan:**

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

### 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:**

6.22% at 120V, 14.88% at 277V

**Power Factor:**

99.79% at 120V, 98.26% at 277V

**Surge Protection:**

1kV+2kV

**Battery Backup:**

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

**Battery Backup Light Loss Factor:**

40W: 0.0243
30W: 0.032
20W: 0.0454

## Technical Specifications (continued)

### Construction

**Cold Weather Starting:**

The minimum starting temperature is 0°C (32°F)

**Maximum Ambient Temperature:**

Suitable for use in up to 60°C (140°F)

**Lens:**

Polycarbonate lens

**Housing:**

Iron

**Mounting:**

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

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Finish:**

Formulated for high durability and long-lasting color

### 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.

**Accessories:**

Suspended Mounting Kit: SR VHOOK KIT
Surface Mount Kit: SR JOIN KIT

**Note:**

All values are typical (tolerance +/- 10%)

**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.

### Lightcloud

**Lightcloud Blue 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 about Lightcloud.

### Sensor Specifications

**Sensor Sentivity:**

Low/Medium/High

**Occupancy Timeout:**

1min to 240mins

**Inside Occupancy Mode:**

Set vacant dim level from off and any dim level

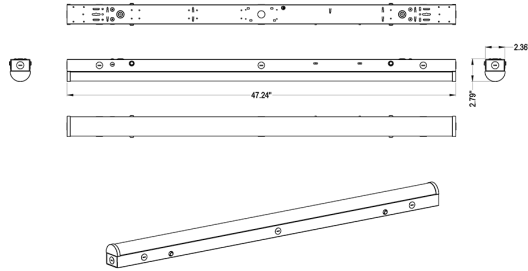**Daylight Threshold:**

150lux to 1500lux

**Sensor Warranty:**

5 year sensor warranty

**Mounting Height:**

Max 39.37ft(12m)

**RAB**

## Dimensions

2.38"

47.24"

2.79"

## Features

50,000-Hour LED lifespan

120-277V standard

0-10V dimming standard

DLC Premium Listed

5-Year, limited warranty

## Ordering Matrix

| Family | Size/Wattage | Color Temp | Mounting | Finish | Options |
|---|---|---|---|---|---|
| SR | 4 | | | | /LCBS/MVS/E |

**2 =** 2ft (19/14/10W)
**4 =** 4ft (40/30/20W)
**8 =** 8ft (60/50/40W)

**Blank =** 5000K/4000K/3500K Field Adjustable

**Blank =** J-Box Adaptor

**Blank =** White

**Blank =** No Option
**/E =** Battery Back Up
**/MVS =** Microwave Occupancy Sensor
**/PIR =** Passive Infrared Occupancy Sensor
**/LCBS =** Lightcloud Blue PIR Senor
**/LCBS/MVS =** Lightcloud Blue MVS Senor
**/MVS/E =** Microwave Occupancy Sensor w/ Battery Back Up
**/PIR/E =** Passive Infrared Occupancy Sensor w/ Battery Back Up
**/LCBS/E =** Lightcloud Blue PIR senor w/ Battery Back Up
**/LCBS/MVS/E =** Lightcloud Blue MVS senor w/ Battery Back Up

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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