SR2/LCBS

Color: White

Weight: 2.5 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	0.16A/0.12A/0.08A
208V	0.09A/0.07A/0.05A
240V	0.08A/0.06A/0.04A
277V	0.07A/0.05A/0.04A
Input Watts	10-20.6W

LED Info

Watts	19/14/10W
Color Temp	5000K/4000K/3500K
Color Accuracy	83-85 CRI
L70 Lifespan	50,000 Hours
Lumens	1,552-2,998 lm
Efficacy	140.6-160.6 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
19W/14W/10W (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-BY8SM3

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:

6.33% at 120V, 12.02% at 277V

Power Factor:

99.8% at 120V, 98.22% at 277V

Surge Protection:

1kV+2kV

Construction

Cold Weather Starting:

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

Maximum Ambient Temperature:

Suitable for use in up to 50°C (122°F)

Technical Specifications (continued)

Construction

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:

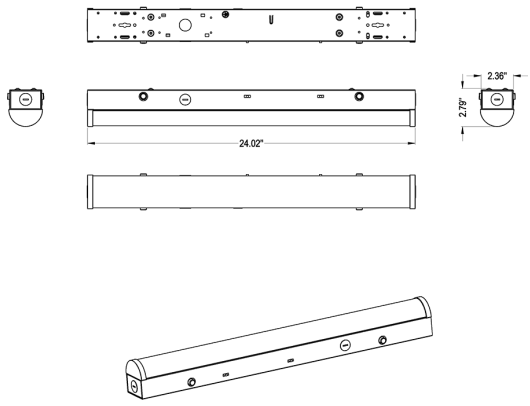
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

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.

Dimensions



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	2				/LCBS
	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