

# SR Field-Adjustable Strip Light



SR2



SR4



SR8



## Field-Adjustable Strip Light



0-10V



50,000  
HOURS



EASY  
INSTALL



DAMP  
RATED

PROJECT:

DATE:

TYPE:

PREPARED BY:



### KEY FEATURES

- Available models with selectable wattages:
  - 2 Ft: (19/14/10W)
  - 4 Ft: (40/30/20W)
  - 8 Ft: (60/50/40W)
- Field-adjustable CCT: 5000/4000/3500K
- Available with smart controls. Multi-sensor remote sold separately
- Standard J-Box adapter. V-hooks are optional accessory for suspended mounting and Joiner Kit available for daisy chain use.
- UL Listed for damp locations
- 0-10V dimming
- 5-Year, limited warranty

## TECHNICAL SPECIFICATIONS

### 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.

CATALOG#	DLC ID
SR2	S-BY8SM3
SR4	S-CDUVBW
SR8	S-FP3EWO

### LED CHARACTERISTICS

#### LEDs

Long-life, high-efficacy, discrete, surface-mount LEDs

#### Color Consistency

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

#### 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.

### CONSTRUCTION

#### Cold Weather Starting

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

#### Cold Weather Starting for battery back-up

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

#### Maximum Ambient Temperature

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

#### Maximum Ambient Temperature for battery back-up

SR2: Suitable for use in up to 50°C (122°F)

SR4/SR8 : Suitable for use in up to 60°C (140°F)

#### Mounting

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

#### Housing

Iron

#### Lens

Polycarbonate

#### Finish

Formulated for high durability and long-lasting color

#### Green Technology

Mercury and UV free. RoHs-compliant components.

# SR Field-Adjustable Strip Light



## TECHNICAL SPECIFICATIONS

### ELECTRICAL

#### Drivers:

Constant Current, Class 2, Class P, 120-277V, 50/60 Hz,  
 SR2 19W: 120V: 0.09A, 208V: 0.09A, 240V: 0.08A, 277V: 0.07A  
 SR2 14W: 120V: 0.12A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A  
 SR2 10W: 120V: 0.08A, 208V: 0.05A, 240V: 0.04A, 277V: 0.04A  
 SR4 40W: 120V: 0.33A, 208V: 0.19A, 240V: 0.17A, 277V: 0.14A  
 SR4 30W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A  
 SR4 20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A  
 SR8 60W: 120V: 0.50A, 208V: 0.29A, 240V: 0.25A, 277V: 0.22A  
 SR8 50W: 120V: 0.42A, 208V: 0.24A, 240V: 0.21A, 277V: 0.18A  
 SR8 40W: 120V: 0.33A, 208V: 0.19A, 240V: 0.17A, 277V: 0.14A

#### Dimming Driver:

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

#### THD:

SR2: 6.33% at 120V, 12.02% at 277V  
 SR4: 6.22% at 120V, 14.88% at 277V  
 SR8: 7.52% at 120V, 7.96% at 277V

#### Power Factor:

SR2: 99.8% at 120V, 98.22% at 277V  
 SR4: 99.79% at 120V, 98.26% at 277V  
 SR8: 99.38% at 120V, 94.72% at 277V

#### Surge Protection

1kV + 2kV

### ELECTRICAL (CONTINUED)

#### Battery Backup Light Loss Factor:

SR2:  
 19W: 0.0223  
 14W: 0.0276  
 10W: 0.042  
 SR4:  
 40W: 0.0243  
 30W: 0.032  
 20W: 0.0454  
 SR8:  
 60W: 0.0171  
 50W: 0.02  
 40W: 0.0247

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

### OTHER

#### 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.

#### 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



MODEL#	A	B (with PIR sensor)	C	D	Weight (Lbs)
SR2	24"	26 7/8"	3 7/8"	2 3/8"	2.5
SR4	47 1/4"	50 1/16"	3 7/8"	2 3/8"	4.5
SR8	94 1/2"	97 5/16"	3 7/8"	2 3/8"	8.5

# SR Field-Adjustable Strip Light



## ACCESSORIES

IMAGE	SKU#	UPC	DESCRIPTION
	SR VHOOK KIT	192552004206	SR VHOOK MOUNT KIT 2-40" CHAIN, ANCHOR, SCREWS
	SR JOIN KIT	192552004190	SR END JOIN KIT WITH BRACKET/NUTS/WIRE/ANCHOR
	PIR40/LCB	192552014151	LCB LOW VOLTAGE CONTROLLER WITH PIR SENSOR FOR HIGH BAY
	MVS50/LCB	192552026062	LCB LOW VOLTAGE CONTROLLER WITH MVS SENSOR FOR HIGH BAY
	RAAS	192552014175	BRACKET FOR CONNECT LCB LOW VOLTAGE CONTROLLER WITH HIGH BAY
	MSR1	192552026055	MULTI-SENSOR REMOTE CONTROL IP20

## PERFORMANCE

SR2	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	19W			14W			10W		
INPUT WATTS	20.6W	19.9W	20.5W	14.6W	14.4W	14.6W	10.2W	10W	10.3W
LUMENS	2995	2998	2887	2189	2224	2115	1590	1606	1552
EFFICACY (LM/W)	145.5	150	140.6	149.9	154.5	144.8	155.9	160.6	150.6
CRI	83	84	84	83	84	84	83	85	84
VOLTAGE RATINGS	120-277V								

SR4	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	40W			30W			20W		
INPUT WATTS	42.6W	40.8W	42.6W	31.6W	30.5W	31.7W	20.7W	20.1W	20.8W
LUMENS	6155	6174	5976	4702	4754	4579	3234	3289	3155
EFFICACY (LM/W)	144.5	151.3	140.2	148.8	155.9	144.5	156.2	163.7	151.7
CRI	83	84	84	83	84	84	83	84	84
VOLTAGE RATINGS	120-277V								

SR8	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	60W			50W			40W		
INPUT WATTS	60.6W	59.4W	60.7W	50W	49.9W	50W	40.2W	39.9W	40.1W
LUMENS	8690	8986	8518	7383	7761	7153	6053	6328	5855
EFFICACY (LM/W)	143.4	150.9	140.2	147.78	155.4	143.1	150.6	158.5	145.9
CRI	83	85	84	83	85	84	83	85	84
VOLTAGE RATINGS	120-277V								

# SR Field-Adjustable Strip Light



## ORDERING MATRIX

### SR Field-Adjustable Strip Light

Family	Size/Wattages	Mounting	Color Temperature	Finish	Voltage	Options
<b>SR</b>						
2	2 Feet (19/14/10W)	BLANK J-Box Adaptor	BLANK 5000/4000/3500K	BLANK White	BLANK 120-277V, 0-10V Dimming	BLANK No Option
4	4 Feet (40/30/20W)					/E Battery Backup
8	8 Feet (60/50/40W)					/MVS Microwave Occupancy Sensor
						/PIR Passive Infrared Occupancy Sensor
						/LCBS Lightcloud Blue PIR Sensor
						/LCBS/MVS Lightcloud Blue MVS Sensor
						/MVS/E Microwave Occupancy Sensor
						/Battery Backup
						/PIR/E Passive Infrared Occupancy Sensor
						/Battery Backup
						/LCBS/E Lightcloud Blue PIR Sensor
						/Battery Backup
						/LCBS/MVS/E Lightcloud Blue MVS Sensor
						/Battery Backup