

SR Field-Adjustable Strip Light



2 ft



3 ft



4 ft



8 ft



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- Available models in 4 sizes and selectable wattages:
 - SR2: 2 ft (19/15/11/7/4W) 19W default
 - SR3: 3 ft (30/26/22/18/14W) 30W default
 - SR4L: 4 ft (28/24/20/16/12W) 28W default
 - SR4: 4 ft (40/35/30/25/20W) 40W default
 - SR8: 8 ft (60/52/44/36/28W) 60W default
 - SR8H: 8 ft (85/75/65/55/45W) 85W default
- Field-adjustable CCT: 3500/4000/5000/5700/6000K (4000K default)
- All models are compatible with Lightcloud Blue-enabled microwave or passive infrared occupancy sensor
- 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

Field-Adjustable Strip Light



0-10V



100,000 HOURS



FIELD ADJUSTABLE



DAMP RATED



POWERED BY LIGHTCLOUD

PERFORMANCE

SR 2 ft:

SR2	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K
WATTAGE	19W					15W					11W				
INPUT WATTS	20.0W	20.1W	20.0W	20.0W	20.0W	15.1W	15.1W	15.0W	15.0W	15.0W	10.9W	10.9W	10.9W	10.8W	10.8W
LUMENS	2,839	2,880	2,883	2,881	2,880	2,098	2,092	2,087	2,085	2,085	1,502	1,502	1,509	1,490	1,483
EFFICACY (LM/W)	142	143.8	142.9	142.3	141.7	138.9	138.7	138.7	138.7	138.8	138.3	138.4	138.8	138.0	137.8
CRI	84	85	86	86	86	83	85	86	86	85	83	85	86	86	85
VOLTAGE RATINGS	120-277V														

SR2	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K
WATTAGE	7W					4W				
INPUT WATTS	7.2W	7.2W	7.2W	7.2W	7.2W	4.7W	4.6W	4.6W	4.6W	4.6W
LUMENS	951	949	948	947	948	552	550	550	548	549
EFFICACY (LM/W)	132.2	132.0	132.1	132.1	132.5	118.8	118.4	118.5	118.4	118.7
CRI	84	85	86	85	85	84	85	86	86	85
VOLTAGE RATINGS	120-277V									

SR Field-Adjustable Strip Light



PERFORMANCE (CONTINUED)

SR 3 ft:

SR3	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K
WATTAGE	30W					26W					22W				
INPUT WATTS	29.8W	30.0W	30.0W	29.9W	29.9W	26.6W	26.5W	26.5W	26.4W	26.4W	21.5W	21.5W	21.5W	21.5W	21.4W
LUMENS	4,259	4,308	4,311	4,316	4,317	3,784	3,779	3,775	3,771	3,769	3,115	3,115	3,118	3,120	3,092
EFFICACY (LM/W)	143.2	144.2	144.8	145.0	145.4	142.4	142.6	142.7	142.8	143.0	145.1	145.1	145.3	145.4	144.7
CRI	84	86	86	87	86	84	86	87	87	86	84	86	86	87	86
VOLTAGE RATINGS	120-277V														

SR3	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K
WATTAGE	18W					14W				
INPUT WATTS	17.7W	17.7W	17.7W	17.7W	17.6W	14.1W	14.1W	14.0W	14.0W	14.0W
LUMENS	2,575	2,580	2,580	2,579	2,578	2,051	2,048	2,046	2,042	2,036
EFFICACY (LM/W)	145.6	145.8	146.0	146.1	146.2	145.8	145.7	145.7	145.7	145.6
CRI	84	86	87	87	86	85	86	87	87	86
VOLTAGE RATINGS	120-277V									

SR 4 ft LOW WATTAGE:

SR4L	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K
WATTAGE	28W					24W					20W				
INPUT WATTS	27.9W	28.2W	28.2W	28.2W	28.2W	23.8W	23.7W	23.6W	23.6W	23.6W	19.6W	19.6W	19.6W	19.6W	19.6W
LUMENS	4,012	4,070	4,069	4,069	4,076	3,394	3,355	3,337	3,331	3,327	2,796	2,795	2,792	2,788	2,776
EFFICACY (LM/W)	144.0	141.9	142.0	142.0	142.2	142.5	141.5	141.2	141.0	141.0	142.4	142.3	142.2	142.1	141.7
CRI	84	86	86	86	85	85	86	87	87	86	85	86	87	87	86
VOLTAGE RATINGS	120-277V														

SR4L	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K
WATTAGE	16W					12W				
INPUT WATTS	15.9W	15.9W	15.9W	15.9W	15.9W	12.0W	12.0W	12.0W	11.9W	11.9W
LUMENS	2,255	2,260	2,261	2,260	2,260	1,685	1,683	1,681	1,677	1,673
EFFICACY (LM/W)	142.2	142.3	142.3	142.3	142.3	140.9	140.7	140.6	140.4	140.3
CRI	85	86	87	87	86	85	86	87	87	86
VOLTAGE RATINGS	120-277V									

SR Field-Adjustable Strip Light



PERFORMANCE (CONTINUED)

SR 4 ft:

SR4	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K
WATTAGE	40W					35W					30W				
INPUT WATTS	40.5W	40.3W	40.2W	40.2W	40.2W	34.7W	34.6W	34.6W	34.5W	34.5W	29.4W	29.4W	29.4W	29.4W	29.4W
LUMENS	5,791	5,879	5,884	5,891	5,892	4,919	4,910	4,908	4,908	4,904	4,242	4,248	4,249	4,246	4,247
EFFICACY (LM/W)	143.1	140.2	141.3	141.6	142.0	141.8	141.9	142.0	142.1	142.1	144.3	144.4	144.6	144.5	144.7
CRI	83	85	86	86	86	85	86	87	87	86	85	86	87	87	86
VOLTAGE RATINGS	120-277V														

SR4	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K
WATTAGE	25W					20W				
INPUT WATTS	24.7W	24.7W	24.7W	24.7W	24.6W	19.6W	19.6W	19.6W	19.6W	19.5W
LUMEN4	3,602	3,610	3,612	3,610	3,609	2,892	2,892	2,890	2,887	2,878
EFFICACY (LM/W)	145.9	146.1	146.3	146.3	146.4	147.4	147.5	147.6	147.5	147.4
CRI	85	86	87	87	86	85	86	87	87	86
VOLTAGE RATINGS	120-277V									

SR 8 ft:

SR8	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K
WATTAGE	60W					52W					44W				
INPUT WATTS	61.7W	58.6W	59.8W	58.2W	58.3W	51.3W	51.2W	51.2W	51.2W	51.1W	44.0W	44.0W	44.0W	44.0W	43.9W
LUMENS	8,833	8,969	8,977	8,986	8,988	7,334	7,315	7,310	7,302	7,294	6,361	6,367	6,369	6,367	6,357
EFFICACY (LM/W)	143.1	142.4	143.0	143.3	143.1	143.1	142.8	142.8	142.7	142.6	144.7	144.7	144.8	144.7	144.7
CRI	83	85	86	86	86	85	86	87	87	86	85	87	87	87	86
VOLTAGE RATINGS	120-277V														

SR8	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K
WATTAGE	36W					28W				
INPUT WATTS	35.8W	35.8W	35.8W	35.8W	35.7W	27.5W	27.5W	27.5W	27.5W	27.5W
LUMEN4	5,247	5,251	5,254	5,251	5,251	4,072	4,073	4,074	4,075	4,078
EFFICACY (LM/W)	146.7	146.7	146.9	146.9	147.1	148.2	148.2	148.3	148.3	148.4
CRI	85	87	87	87	86	85	87	87	87	86
VOLTAGE RATINGS	120-277V									

SR Field-Adjustable Strip Light



PERFORMANCE (CONTINUED)

SR 8 ft HIGH WATTAGE:

SR8H	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K
WATTAGE	85W					75W					65W				
INPUT WATTS	85.9W	86.3W	86.4W	86.4W	86.4W	76.1W	75.9W	75.8W	75.8W	75.7W	65.1	65.2	65.1	65.0	64.9
LUMENS	12,423	12,604	12,604	12,459	12,624	10,662	10,597	10,595	10,586	10,574	9,281	9,290	9,286	9,277	9,247
EFFICACY (LM/W)	144.6	143.3	142.4	142.0	141.6	140.2	139.6	139.7	139.7	139.7	142.5	142.5	142.7	142.6	142.4
CRI	84	86	86	86	85	84	85	86	86	85	84	85	86	86	85
VOLTAGE RATINGS	120-277V														

SR8H	3500K	4000K	5000K	5700K	6000K	3500K	4000K	5000K	5700K	6000K
WATTAGE	55W					45W				
INPUT WATTS	54.6W	54.6W	54.5W	54.5W	54.4W	44.5W	44.5W	44.4W	44.4W	44.4W
LUMEN4	7,914	7,923	7,922	7,918	7,916	6,560	6,559	6,561	6,560	6,551
EFFICACY (LM/W)	145.0	145.2	145.3	145.4	145.6	147.5	147.4	147.7	147.7	147.6
CRI	84	85	86	86	85	84	85	86	86	85
VOLTAGE RATINGS	120-277V									

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 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

SKU#	DLC Premium ID:	Primary Use Designation
SR2	S-4KW6HD	Stairwell and Passageway Luminaires
SR3	S-9JQPSP	
SR4L	S-D3HJ0Q	
SR4	S-V5P1Z6	
SR8	S-YB99XW	
SR8H	S-3RT96N	

COMPLIANCE

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.

SKU#	DLC Standard ID	Primary Use Designation
SR2	S-44HZ3Z	Linear Ambient
SR3	S-QFCG72	Linear Ambient
SR4L	S-JCW7NT	Linear Ambient
SR4	S-5R716Q	Linear Ambient
SR4	S-G7WHL3	Low-Bay
SR8	S-49R3JX	Linear Ambient
SR8	S-GLQDW7	Low-Bay
SR8H	S-SW8Y1C	Linear Ambient
SR8H	S-1Y8Y2V	High-Bay

SR Field-Adjustable Strip Light



TECHNICAL SPECIFICATIONS

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

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

Mounting

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

Housing

Galvanized Steel (Painted white)

Lens

Frosted polycarbonate

Finish

Formulated for high durability and long-lasting color

Green Technology

Mercury and UV free. RoHs-compliant components.

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.

FACTORY DEFAULT SETTINGS

MODEL#	DEFAULT WATTAGE	DEFAULT COLOR TEMPERATURE
SR2	19W	4000K
SR3	30W	4000K
SR4L	28W	4000K
SR4	40W	4000K
SR8	60W	4000K
SR8H	85W	4000K

ELECTRICAL

Drivers:

Constant Current, Class 2, Class P, 120-277V, 50/60 Hz,

SR2

19W: 120V: 0.175A, 208V: 0.11A, 240V: 0.0875A, 277V: 0.075A

15W: 120V: 0.13A, 208V: 0.072A, 240V: 0.0625A, 277V: 0.054A

11W: 120V: 0.09A, 208V: 0.052A, 240V: 0.045A, 277V: 0.039A

7W: 120V: 0.058A, 208V: 0.033A, 240V: 0.029A, 277V: 0.025A

4W: 120V: 0.033A, 208V: 0.019A, 240V: 0.016A, 277V: 0.02A

ELECTRICAL (CONTINUED)

SR3

30W: 120V: 0.27A, 208V: 0.15A, 240V: 0.13A, 277V: 0.12A

26W: 120V: 0.22A, 208V: 0.13A, 240V: 0.11A, 277V: 0.10A

22W: 120V: 0.18A, 208V: 0.11A, 240V: 0.09A, 277V: 0.08A

18W: 120V: 0.15A, 208V: 0.09A, 240V: 0.08A, 277V: 0.06A

14W: 120V: 0.12A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

SR4L

28W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A

24W: 120V: 0.20A, 208V: 0.12A, 240V: 0.11A, 277V: 0.09A

20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A

16W: 120V: 0.13A, 208V: 0.08A, 240V: 0.07A, 277V: 0.06A

12W: 120V: 0.13A, 208V: 0.06A, 240V: 0.05A, 277V: 0.04A

SR4

40W: 120V: 0.35A, 208V: 0.21A, 240V: 0.18A, 277V: 0.15A

35W: 120V: 0.29A, 208V: 0.17A, 240V: 0.15A, 277V: 0.13A

30W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A

25W: 120V: 0.21A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A

20W: 120V: 0.16A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A

SR8

60W: 120V: 0.52A, 208V: 0.30A, 240V: 0.26A, 277V: 0.22A

52W: 120V: 0.43A, 208V: 0.25A, 240V: 0.22A, 277V: 0.19A

44W: 120V: 0.37A, 208V: 0.21A, 240V: 0.18A, 277V: 0.16A

36W: 120V: 0.30A, 208V: 0.17A, 240V: 0.15A, 277V: 0.13A

28W: 120V: 0.23A, 208V: 0.13A, 240V: 0.12A, 277V: 0.10A

SR8H

85W: 120V: 0.73A, 208V: 0.42A, 240V: 0.36A, 277V: 0.32A

75W: 120V: 0.63A, 208V: 0.36A, 240V: 0.31A, 277V: 0.27A

65W: 120V: 0.54A, 208V: 0.31A, 240V: 0.27A, 277V: 0.23A

55W: 120V: 0.46A, 208V: 0.26A, 240V: 0.23A, 277V: 0.20A

45W: 120V: 0.38A, 208V: 0.21A, 240V: 0.18A, 277V: 0.16A

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: 6.82% at 120V, 8.64% at 277V

SR3: 4.55% at 120V, 8.12% at 277V

SR4L: 5.24% at 120V, 8.1% at 277V

SR4: 6.54% at 120V, 13.12% at 277V

SR8: 7.66% at 120V, 11.36% at 277V

SR8H: 8.52% at 120V, 8.75% at 277V

Power Factor:

SR2: 99.7% at 120V, 96.4% at 277V

SR3: 99.9% at 120V, 95.6% at 277V

SR4L: 99.9% at 120V, 95.2% at 277V

SR4: 99.8% at 120V, 97.0% at 277V

SR8: 99.6% at 120V, 95.3% at 277V

SR8H: 99.4% at 120V, 95.1% at 277V

Surge Protection

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

TECHNICAL SPECIFICATIONS (CONTINUED)

ELECTRICAL (CONTINUED)

Battery Backup Light Loss Factor:

SR2:

19W: 0.22
15W: 0.31
11W: 0.43
7W: 0.68
4W: 1.17

SR3:

30W: 0.15
26W: 0.17
22W: 0.21
18W: 0.25
14W: 0.32

SR4L:

28W: 0.35
24W: 0.43
20W: 0.52
16W: 0.64
12W: 0.86

SR4:

40W: 0.25
35W: 0.30
30W: 0.34
25W: 0.41
20W: 0.52

SR8:

60W: 0.17
52W: 0.21
44W: 0.24
36W: 0.29
28W: 0.37

SR8H:

85W: 0.12
75W: 0.14
65W: 0.16
55W: 0.19
45W: 0.23

LIGHTCLOUD BLUE

Lightcloud Blue-enabled

Lightcloud Blue (LCB) is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA (Interior); NHCZ2BIA17L (Exterior)

Learn more at www.lightcloud.com

OCCUPANCY SENSOR

Sensor Type: Passive Infrared (PIR) or Microwave (MVS)

Input Voltage: 12VDC

Operating Frequency: 50/60Hz

Input Current: 30mA

Operating Temperature: -40°F to 140°F (-20°C to 60°C)

Max Mounting Height: 40 ft. (PIR); 50 ft. (MVS)

Detection Range: PIR: 40 ft. diameter mounted at 40 ft. (/PIR & /LCBS); MVS: 50 ft. diameter mounted at 50 ft. (/MVS & /LCBS/MVS); PIR20[B]/LCB and MVS20[B]/LCB 20 ft. diameter mounted at 9 ft. (sold separately)

Daylight Sensing: The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set.

Default Settings:

Motion Sensitivity: High

Brightness when triggered : 100%

Hold time: 1 minute (20 minutes for LCB sensors)

Standby to dim: 20%

Standby time: 1 minute

When vacant: Off

Adjustable Settings: Settings for Lightcloud Blue-enabled sensors can be adjusted using the mobile app. All other sensors will require MSR1 Remote to adjust the following sensor settings:

Standby to dim: 10%/20%/30%/50%

Standby time: 0s/10s/30s/1min/5min/10min/30min/60min/+∞

Daylight Threshold: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

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.

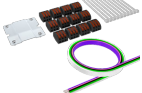
Lifespan

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

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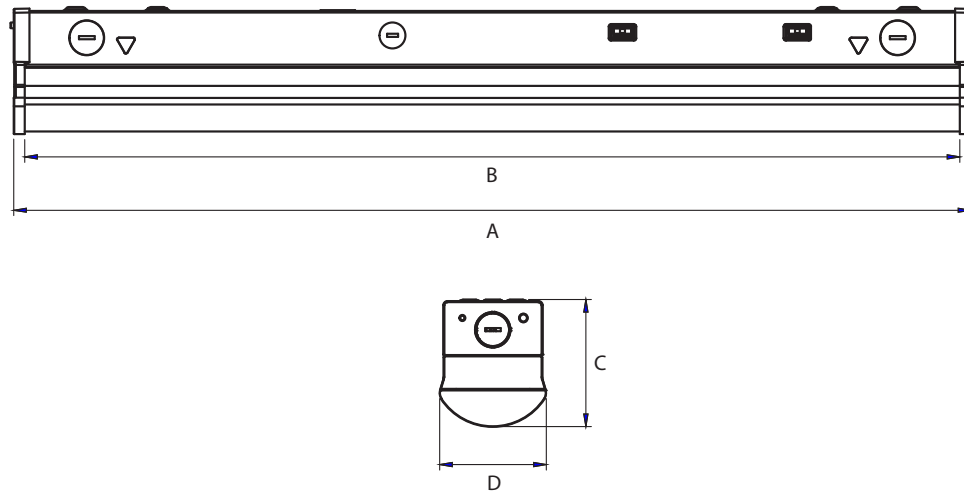
ACCESSORIES (CONTINUED)

IMAGE	SKU#	UPC	DESCRIPTION
	MVS50	192552025997	HIGH CEILING LOW VOLTAGE MVS SENSOR WHITE
	MVS50/LCB	192552014168	LC BLUE HIGH CEILING LOW VOLT LUMINAIRE CONTROLLER W/MVS WHITE
	PIR40	192552026000	HIGH CEILING LOW VOLTAGE PIR SENSOR WHITE
	PIR40/LCB	192552014151	LC BLUE HIGH CEILING LOW VOLT LUMINAIRE CONTROLLER W/PIR WHITE
	MVS20	192552026017	LOW CEILING LOW VOLTAGE MVS SENSOR WHITE
	MVS20/LCB	192552042253	LC BLUE LOW CEILING LOW VOLT LUMINAIRE CONTROLLER WITH MVS WHITE
	PIR20	192552026024	LOW CEILING LOW VOLTAGE PIR SENSOR WHITE
	PIR20/LCB	192552042246	LC BLUE LOW CEILING LOW VOLT LUMINAIRE CONTROLLER WITH PIR WHITE
	MSR1	192552026055	SULTI-SENSOR REMOTE CONTROL IP20
	SR VHOOK KIT	192552004206	SR VHOOK MOUNT KIT 2-40" CHAIN, ANCHOR, SCREWS
	RAAS	192552014175	BRACKET FOR CONNECT LCB LOW VOLTAGE CONTROLLER WITH HIGH BAY
	SR-JOIN-KIT-G2	192552046633	SR END JOIN SURFACE MOUNT KIT
	SR-JOINT-BRACKET-G2	192552046640	SR JOINT BRACKET NO WIRED

SR Field-Adjustable Strip Light



DIMENSIONS



MODEL#	A	B	C	D	Weight
SR2	24"	23 ⁷ / ₁₆ "	3 ³ / ₁₆ "	2 ¹¹ / ₁₆ "	1.81 lbs
SR3	36"	35 ⁷ / ₁₆ "	3 ³ / ₁₆ "	2 ¹¹ / ₁₆ "	2.38 lbs
SR4L	48"	46 ¹ / ₄ "	3 ³ / ₁₆ "	2 ¹¹ / ₁₆ "	3.12 lbs
SSR4	48"	46 ¹ / ₄ "	3 ³ / ₁₆ "	2 ¹¹ / ₁₆ "	3.12 lbs
SR8	96"	95 ⁷ / ₁₆ "	3 ³ / ₁₆ "	2 ¹¹ / ₁₆ "	5.58 lbs
SR8H	96"	95 ⁷ / ₁₆ "	3 ³ / ₁₆ "	2 ¹¹ / ₁₆ "	5.69 lbs

ORDERING MATRIX

SR Field-Adjustable Strip Light

Family	Size/Wattages	Mounting	Color Temperature	Finish	Driver	Controls	Battery Backup
SR							
2	2 ft (19/15/11/7/4W)	BLANK J-Box Adaptor	BLANK 3500/4000/5000/5700/6000K CCT Adjustable	BLANK White	BLANK 120-277V, 0-10V Dimming	BLANK /MVS Microwave Sensor	BLANK None
3	3 ft (30/26/22/18/14W)					/PIR Passive Infrared Sensor	/E Battery Backup
4L	4 ft (28/24/20/16/12W)					/LCBS Lightcloud Blue	
4	4 ft (40/35/30/25/20W)					PIR Sensor	
8	8 ft (60/52/44/36/28W)					/LCBS/MVS Lightcloud Blue	
8H	8 ft (85/75/65/55/45W)					MVS Sensor	