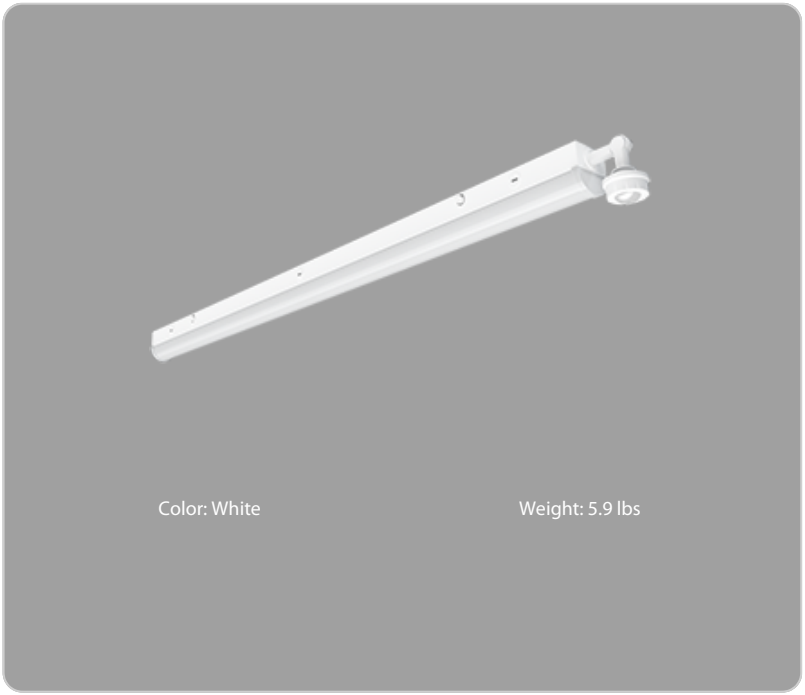
SR4L/PIR/E



Color: White

Weight: 5.9 lbs

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

Driver Info

Type	Constant Current
120V	0.23A/0.18A/0.12A
208V	0.14A/0.10A/0.08A
240V	0.12A/0.09A/0.07A
277V	0.10A/0.08A/0.06A
Input Watts	14.2-28.1W

LED Info

Watts	28/21/14W
Color Temp	3500K/4000K/5000K
Color Accuracy	84-85 CRI
L70 Lifespan	50,000 Hours
Lumens	2,082-4,135 lm
Efficacy	142.1-151.8 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
28W/21W/14W (factory default 28W)
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-4FK3ZU (Stairwell and Passageway Luminaires)
DLC Product Code: S-IWX7O9 (Direct Linear Ambient Luminaires)

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:
6.99% at 120V, 15.63% at 277V

Power Factor:
99.4% at 120V, 97.2% at 277V

Surge Protection:
L-N 1KV, L/N-G 2KV

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

Battery Backup Light Loss Factor:
28W: 37%
21W: 48%
14W: 74%

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:
Sheet metal

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

Green Technology:
Mercury and UV free. RoHS-compliant components.

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Technical Specifications (continued)

Finish:
Formulated for high durability and long-lasting color

Sensor Specifications

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

PIR Sensor Factory Settings:
Brightness: 100%
Hold Time: 1 Minute
Daylight: Disabled
Senstivity: 100%
Stand-By Dimming Level: 20%
Stand-By Time: 1 Minute

Operating Voltage:
12 ± 2V DC

Operating Current:
30mA

Output:
DIM 0-10V

Stand-By Power:
<0.5W

Brightness:
0%-100%/Quick setting: 70%/80%/90%/100%

Hold Time:
10s/1min/10min/30min

Daylight Threshold:
10Lux/30Lux/50Lux/100Lux/Disable

Lux On-Off:
Adopted dual PD technology. H17-PIR is able to differenciate artificial light brightness from natural light after installed inside.

Stand-By Time:
1min/30min/60min/+∞

Stand-By Dimming Level:
10%/20%/30%/50%

Detection Angle:
≤120° (wall mounted) 360° (ceiling mounted)

Control Line:
Black White 12V+ ; Purple: DIM+ ; Pink GND/DIM-

Mounting Height:
Max 6M (ceiling mounted)

Detection Range:
Max 8m (ceiling mounted) Max 6m(wall mounted)

Operating Temperature:
-30°C to 60°C (-22°F to 140°F)

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.

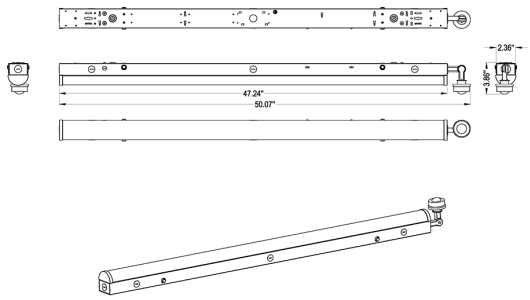
Accessories:
Suspended Mounting Kit: SR VHOOK KIT
Surface Mount Kit: SR JOIN KIT

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.

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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	4L				/PIR/E
	4L = 4ft (28/21/14W) **4 =** 4ft (40/30/20W) **8 =** 8ft (60/50/40W) **8H =** 8ft (85/75/54W) **2 =** 2ft (19/14/10W)	**Blank =** 3500K/4000K/5000K CCT Adjustable	**Blank =** J-Box Adaptor	**Blank =** White	**/LCBS/MVS/E =** Lightcloud Blue MVS Sensor w/Battery Back Up **/LCBS/E =** Lightcloud Blue PIR Sensor w/Battery Back Up **/PIR/E =** Passive Infrared Occupancy Sensor w/Battery Back Up **/MVS/E =** Microwave Occupancy Sensor w/Battery Back Up **/LCBS/MVS =** Lightcloud Blue Enabled w/MVS Sensor **/LCBS =** Lightcloud Blue Enabled w/PIR Sensor **/PIR =** Passive Infrared Occupancy Sensor **/MVS =** Microwave Occupancy Sensor **/E =** Battery Back Up **Blank =** No Option

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