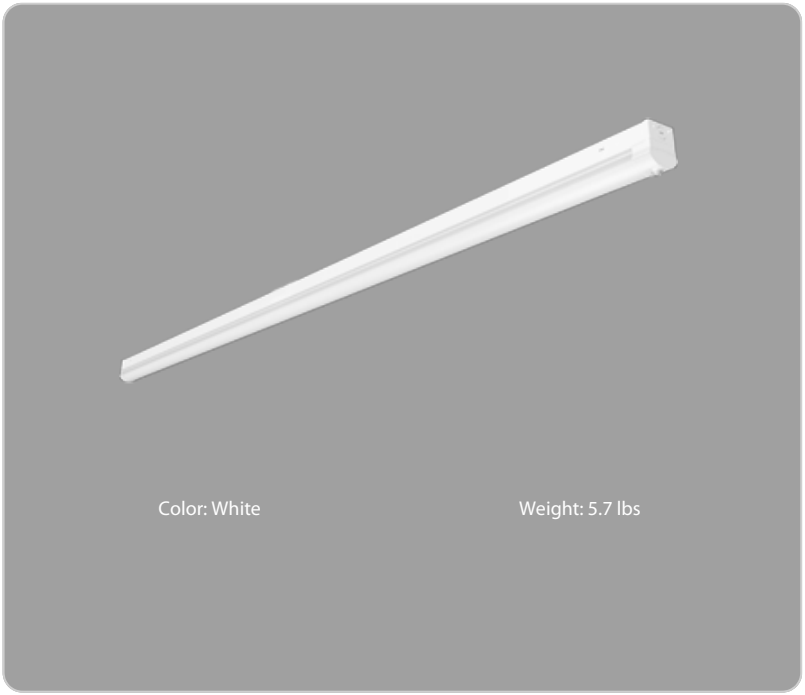
SR8H/PIR/E



Color: White

Weight: 5.7 lbs

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

Driver Info

Type	Constant Current
120V	0.38A/0.46A/0.55A/0.64A/0.72A
208V	0.22A/0.26A/0.27A/0.31A/0.32A/0.37A/0.42A
240V	0.19A/0.23A/0.27A/0.32A/0.36A
277V	0.19A/0.22A/0.25A/0.28A/0.31A/0.32A
Input Watts	44.4-86.4W

LED Info

Watts	45/55/65/75/85W
Color Temp	3500/4000/5000/5700/6500K
Color Accuracy	84-86 CRI
L70 Lifespan	100,000 Hours
Lumens	6551-12624 lm
Efficacy	139.6-147.7 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Constant Current, Class II, 120-277V, 50/60 Hz:
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

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-SW8Y1C (Direct Linear Ambient Luminaires)
DLC Product Code: S-3RT96N (Stairwell and Passageway Luminaires)
DLC Product Code: S-1Y8Y2V (High-Bay Luminaires for Commercial and Industrial Buildings)

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

Electrical

Driver:
Constant Current, Class II, 120-277V, 50/60 Hz:
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%.

Aux Power Supply:
Yes

Dim to Off:
Yes

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

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

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Technical Specifications (continued)

Battery Backup Light Loss Factor:
85W: 11.68%
75W: 13.95%
65W: 15.95%
55W: 18.63%
45W: 22.50%

Construction

Cold Weather Starting:
The minimum starting temperature is 0°C (32°F)

Maximum Ambient Temperature w/Battery Backup:
Suitable for use in up to 122°F (50°C)

Lens:
Polycarbonate lens

Housing:
Galvanized steel (painting)

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

Finish:
Formulated for high durability and long-lasting color

Installation

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

Sensor Settings

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-Year 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

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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	Mounting	Color Temp	Finish	Options
SR	8H				/PIR/E
	3 = 3ft (30/26/22/18/14W) **4L =** 4ft (28/24/20/16/12W) **4 =** 4ft (40/35/30/25/20W) **8 =** 8ft (60/52/44/36/28W) **8H =** 8ft (85/75/65/55/45W) **2 =** 2ft (19/15/11/7/4W)	**Blank =** J-Box Adaptor	**Blank =** 3500/4000/5000/5700/6500K CCT Adjustable	**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 w/MVS Sensor **/LCBS =** Lightcloud Blue w/PIR Sensor **/PIR =** Passive Infrared Occupancy Sensor **/MVS =** Microwave Occupancy Sensor **/E =** Battery Back Up **Blank =** No Option

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