



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info	LED Info
Type Constant Current	Watts 45/55/65/75/85W
120V 0.38A/0.46A/0.55A/0.64A/0.72A	Color Temp 3500/4000/5000/5700/6500K
208V 0.22A/0.26A/0.27A/0.31A/0.32A/0.37A/0.42A	Color Accuracy 84-86 CRI
240V 0.19A/0.23A/0.27A/0.32A/0.36A	L70 Lifespan 100,000 Hours
277V 0.19A/0.22A/0.25A/0.28A/0.31A/0.32A	Lumens 6551-12624 lm
Input Watts 44.4-86.4W	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-efficiency, 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:**

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 75W: 120V: 0.63A, 208V: 0.36A, 240V: 0.31A, 277V: 0.27A  
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 55W: 120V: 0.46A, 208V: 0.26A, 240V: 0.23A, 277V: 0.20A  
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**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.

## 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.](#)

#### Operating Voltage:

DC Input: 10.5-15V  
Current>50mA

#### Operating Temperature:

Ta: -31° F (-35° C)\* ~ +122° F(+50° C)

#### Sensor Warranty:

5-year sensor warranty

#### Sensitivity Setting:

25%/50%/75%/100%

#### Standby Period:

0s/10s/30s/1min/5min/10min/30min/60min/+∞

#### Daylight:

2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

#### Hold Time:

5s/30s/1min/3min/5min/10min/20min/30min

#### Standby Dimming:

10%/20%/30%/50%

#### Detection Angle:

30° to 150° without glass cover

#### Detection Distance:

Radius 9.84-22.96ft(3-7m)

#### Mounting Height:

Max 49ft.(15m)

### Other

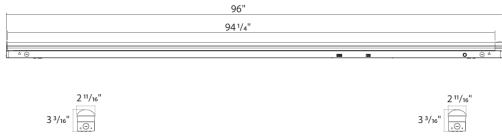
#### 5-Year Limited Warranty:

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](http://rablighting.com/warranty).

#### Accessories:

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

**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				/MVS/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