



|                     |              |
|---------------------|--------------|
| <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-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

**Construction**

**Ambient Temperature :**

Max Power Temp Rating: 122°F ( 50°C)  
 Middle Power Temp Rating: 53°C (127°F)  
 Low Power Temp Rating: 57°C (135°F)

**Cold Weather Starting:**

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

**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

**Performance**

**Lifespan:**

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

## Technical Specifications (continued)

### 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

### 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  
 Sensitivity: 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 differentiate 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

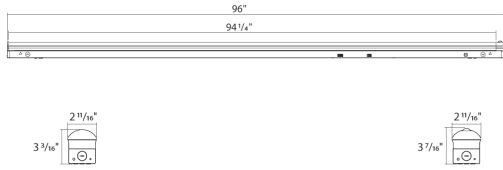
#### 5-Year Limited Warranty:

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