



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

Driver Info		LED Info	
Type	Constant Current	Watts	28/36/44/52/60W
120V	0.23A/0.30A/0.37A/0.43A/0.52A	Color Temp	3500/4000/5000/5700/6500K
208V	0.13A/0.17A/0.21A/0.25A/0.28A/0.29A/0.30A	Color Accuracy	83-87 CRI
240V	0.12A/0.15A/0.18A/0.21A/0.24A/0.25A/0.26A	L70 Lifespan	100,000 Hours
277V	0.12A/0.14A/0.17A/0.20A/0.22A	Lumens	4072-8988 lm
Input Watts	27.5-61.7W	Efficacy	142.4-148.4 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

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

**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-49R3JX (Direct Linear Ambient Luminaires)  
 DLC Product Code: S-YB99XW (Stairwell and Passageway Luminaires)  
 DLC Product Code: S-GLQDW7 (Low-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

**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:  
 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

#### 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

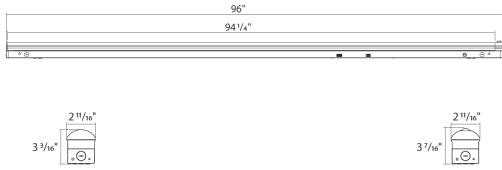
#### 5-Year Limited Warranty:

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	8				/PIR
	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