

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

Driver Info		LED Info	
Type	Constant Current	Watts	12/16/20/24/28W
120V	0.11A/0.14A/0.17A/0.20A/0.23A	Color	3500/4000/5000/5700/6500K
208V	0.06A/0.08A/0.09A/0.11A/0.13A/0.14A	Temp	
240V	0.05A/0.07A/0.08A/0.10A/0.12A	Color Accuracy	84-87 CRI
277V	0.05A/0.07A/0.08A/0.09A/0.10A	L70 Lifespan	100,000 Hours
Input Watts	11.9-28.2W	Lumens	1673-4076 lm
		Efficacy	140.3-144 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Constant Current, Class II, 120-277V, 50/60 Hz:  
 28W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A  
 24W: 120V: 0.20A, 208V: 0.12A, 240V: 0.11A, 277V: 0.09A  
 20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A  
 16W: 120V: 0.13A, 208V: 0.08A, 240V: 0.07A, 277V: 0.06A  
 12W: 120V: 0.13A, 208V: 0.06A, 240V: 0.05A, 277V: 0.04A

### 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-JCW7NT (Direct Linear Ambient Luminaires)  
 DLC Product Code: S-D3HJ0Q (Stairwell and Passageway 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

### Construction

#### Ambient Temperature :

Max Power Temp Rating: 122°F ( 50°C)  
 Middle Power Temp Rating: 58°C (137°F)  
 Low Power Temp Rating: 66°C (152°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

### Electrical

#### Driver:

Constant Current, Class II, 120-277V, 50/60 Hz:  
 28W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A  
 24W: 120V: 0.20A, 208V: 0.12A, 240V: 0.11A, 277V: 0.09A  
 20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A  
 16W: 120V: 0.13A, 208V: 0.08A, 240V: 0.07A, 277V: 0.06A  
 12W: 120V: 0.13A, 208V: 0.06A, 240V: 0.05A, 277V: 0.04A

#### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

## Technical Specifications (continued)

### 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

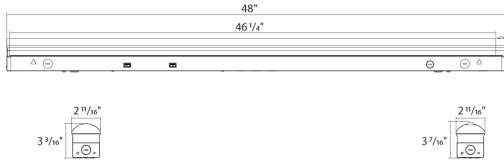
### 5-Year Limited Warranty:

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	4L				/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