



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

Driver Info		LED Info	
Type	Constant Current	Watts	4/7/11/15/19W
120V	0.04A/0.06A/0.09A/0.13A/0.17A	Color Temp	3500/4000/5000/5700/6500K
208V	0.02A/0.04A/0.05A/0.07A/0.10A	Color Accuracy	83-86 CRI
240V	0.02A/0.03A/0.05A/0.06A/0.08A	L70 Lifespan	100,000 Hours
277V	0.03A/0.04A/0.05A/0.06A/0.07A	Lumens	548-2883 lm
Input Watts	4.6-20.1W	Efficacy	118.4-143.8 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output:  
19/15/11/7/4W (factory default 19W)  
Color temperature selectable by  
3500/4000/5000/5700/6500K (factory default 4000K)

**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-44HZ3Z(Direct Linear Ambient Luminaires)  
DLC Product Code: S-4KW6HD (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

**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:  
19W: 120V: 0.18A, 208V: 0.11A, 240V: 0.09A, 277V: 0.08A  
15W: 120V: 0.13A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A  
11W: 120V: 0.09A, 208V: 0.05A, 240V: 0.05A, 277V: 0.04A  
7W: 120V: 0.06A, 208V: 0.03A, 240V: 0.03A, 277V: 0.03A  
4W: 120V: 0.03A, 208V: 0.02A, 240V: 0.02A, 277V: 0.02A

**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.

**Battery Backup Light Loss Factor:**

19W: 22.20%  
15W: 30.60%  
11W: 43.10%  
7W: 67.50%  
4W: 116.70%

**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)

## Technical Specifications (continued)

### 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  
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

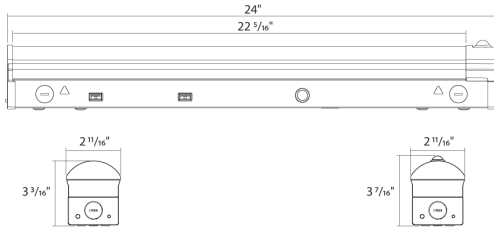
### 5-Year Limited Warranty:

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	2				/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