



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

Driver Info		LED Info	
Type	Constant Current	Watts	40/30/20W
120V	0.33A/0.25A/0.17A	Color Temp	5000K/4000K/3500K
208V	0.19A/0.14A/0.10A	Color Accuracy	83-84 CRI
240V	0.17A/0.13A/0.08A	L70 Lifespan	50,000 Hours
277V	0.14A/0.11A/0.07A	Lumens	3,155-6,174 lm
Input Watts	20.1-42.6W	Efficacy	140.2-163.7 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output: 40W/30W/20W (factory default 19W)  
Color temperature selectable by 5000K, 4000K and 3500K (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-CDUVBW

**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:**

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

**Electrical**

**Dimming Driver:**

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

**THD:**

6.22% at 120V, 14.88% at 277V

**Power Factor:**

99.79% at 120V, 98.26% at 277V

**Surge Protection:**

1kV+2kV

**Construction**

**Cold Weather Starting:**

The minimum starting temperature is 0°C (32°F)

**Maximum Ambient Temperature:**

Suitable for use in up to 50°C (122°F)

## Technical Specifications (continued)

### Construction

#### Lens:

Polycarbonate lens

#### Housing:

Iron

#### Mounting:

Surface mounting standard. V-Hooks and Chain mounting available (ordered separately, SR VHOOK KIT).

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

#### Finish:

Formulated for high durability and long-lasting color

### Other

#### 5 Yr 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

#### Note:

All values are typical (tolerance +/- 10%)

#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Sensor Specifications

#### 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)

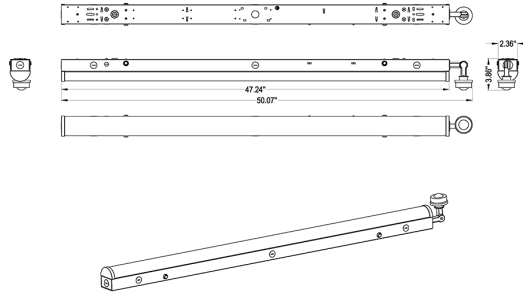
#### Detection Range:

Max 8m (ceiling mounted) Max 6m(wall mounted)

#### Operating Temperature:

-30°C- 60°C (-22°F - 140°F)

**Dimensions**



**Features**

- 50,000-Hour LED lifespan
- 120-277V standard
- 0-10V dimming standard
- DLC Premium Listed
- 5-Year, limited warranty

**Ordering Matrix**

Family	Size/Wattage	Color Temp	Mounting	Finish	Options
SR	4				/PIR
	2 = 2ft (19/14/10W) 4 = 4ft (40/30/20W) 8 = 8ft (60/50/40W)	Blank = 5000K/4000K/3500K Field Adjustable	Blank = J-Box Adaptor	Blank = White	Blank = No Option /E = Battery Back Up /MVS = Microwave Occupancy Sensor /PIR = Passive Infrared Occupancy Sensor /LCBS = Lightcloud Blue PIR Sensor /LCBS/MVS = Lightcloud Blue MVS Sensor /MVS/E = Microwave Occupancy Sensor w/ Battery Back Up /PIR/E = Passive Infrared Occupancy Sensor w/ Battery Back Up /LCBS/E = Lightcloud Blue PIR sensor w/ Battery Back Up /LCBS/MVS/E = Lightcloud Blue MVS sensor w/ Battery Back Up