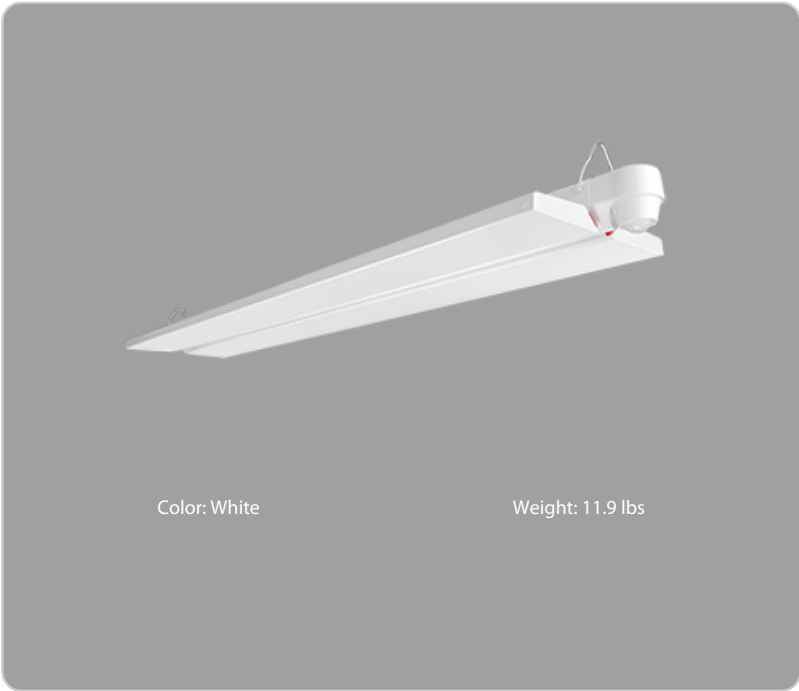




|              |       |
|--------------|-------|
| Project:     | Type: |
| Prepared By: | Date: |

| Driver Info |                   | LED Info       |                  |
|-------------|-------------------|----------------|------------------|
| Type        | Constant Current  | Watts          | 360W             |
| 120V        | 2.98A/2.12A/1.52A | Color Temp     | 4000/5000K       |
| 208V        | 1.73A/1.30A/0.87A | Color Accuracy | 83-85 CRI        |
| 240V        | 1.50A/1.13A/0.75A | L70 Lifespan   | 100,000 Hours    |
| 277V        | 1.27A/0.94A/0.70A | Lumens         | 27,222-49,779 lm |
| Input Watts | 175-355.9W        | Efficacy       | 137.2-155.6 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
360W with 3 Power Preset:  
100% (360W), 75% (270W), and 50% (180W)  
Color Temperature Selectable:  
4000K and 5000K(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.

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.  
DLC Product Code: S-8VZGVK

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.

Performance

Lifespan:

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

Electrical

Driver:

100% Power: Constant Current, Class 1, 120-277V, 50/60Hz, 120V: 2.98A, 208V: 1.73A, 208V: 1.50A, 277V: 1.27A  
75% Power: Constant Current, Class 1, 120-277V, 50/60Hz, 120V: 2.12A, 208V: 1.30A, 208V: 1.13A, 277V: 0.94A  
50% Power: Constant Current, Class 1, 120-277V, 50/60Hz, 120V: 1.52A, 208V: 0.87A, 208V: 0.75A, 277V: 0.70A

Dimming Driver:

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

THD:

9.78% at 120V, 7.98% at 277V

Power Factor:

99.5% at 120V, 96.5% at 277V

Surge Protection:

6 kV

Construction

Cold Weather Starting:

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

Maximum Ambient Temperature:

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

Lens:

Polycarbonate lens

Reflector:

Polyethylene Terephthalate (PET)

Housing:

Aluminum

Technical Specifications (continued)

**Finish:**  
Formulated for high durability and long-lasting color

**Green Technology:**  
Mercury and UV free. RoHS-compliant components.

Installation

**Mounting:**  
Comes standard with V-hooks for chain mounting.  
Accessories available for pendant and surface  
mounting (purchased separately).

Lightcloud

**Input Voltage:**  
12VDC

**Operating Frequency:**  
50/60Hz

**Input Current @ 12V (mA):**  
30mA

**Operating Temperature:**  
-40°F to 140°F (-20°C to 60°C)

**Dimming:**  
Yes, when connected to a compatible 0-10V driver

**Mounting Height:**  
40 ft

**Detection Range:**  
40 ft diameter mounted at 40 ft

**Sensor:**  
Passive Infrared (PIR)

**Default Setting:**  
Uncommissioned State:  
Motion Sensitivity: High  
Brightness when triggered: 100%  
Hold time: 1 minute  
Standby to dim: 20%  
Standby time: 1 minute  
When vacant: Off

Commissioned State:  
Motion Sensitivity: High  
Brightness when triggered: Last on status  
Hold time: 20 minutes  
When vacant: Off

**Occupied Actions:**  
On or On at a Dim Level

**Vacant Options:**  
Off or On at a Dim Level

**Occupancy Timeout:**  
1 minute to 240 minutes

**Daylight Sensing:**  
The sensor will determine to trigger the light(s) on or  
not based on the daylight threshold level set in the  
Lightcloud Blue mobile app.

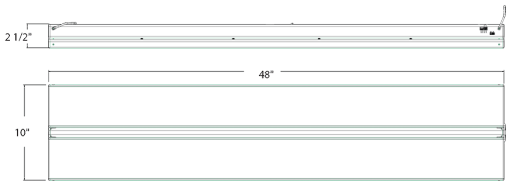
**Environment:**  
Suitable for dry, damp, or wet environments in  
indoor applications

**IP Rating:**  
IP65

Other

**5-Year, No-Compromise Warranty:**  
RAB warrants that our LED products will be free from  
defects in materials and workmanship for a period of  
five (5) years from the date of delivery to the end  
user, including coverage of light output, color  
stability, driver performance and fixture finish. RAB's  
warranty is subject to all terms and conditions found  
at [rablighting.com/warranty](http://rablighting.com/warranty).

Dimensions



Features

- 0-10V Dimming, standard
- 100,000-hour LED lifespan
- DLC Premium listed
- 5-Year, no-compromise warranty

Ordering Matrix

| Family | Wattage (Length)                                                                                | Color Temp                        | Driver                                                        | Sensor                                                                                                                                                                                           | Battery Backup                      |
|--------|-------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| AR     | L                                                                                               |                                   |                                                               | /PIR                                                                                                                                                                                             |                                     |
|        | XS = 95/71/48W (1.5')<br>S = 160/120/80W (2')<br>M = 275/206/138W (3')<br>L = 360/270/180W (4') | Blank = 4000/5000K CCT Adjustable | Blank = 120-277V, 0-10V Dimming<br>/480 = 480V, 0-10V Dimming | Blank = None<br>/MVS = Microwave Occupancy Sensor<br>/PIR = Passive Infrared Sensor<br>/LCBS/MVS = Lightcloud Blue Microwave Occupancy Sensor<br>/LCBS = Lightcloud Blue Passive Infrared Sensor | Blank = None<br>/E = Battery Backup |