



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

Driver Info		LED Info	
Type	Constant Current	Watts	90/80/70W
120V	0.76A/0.67A/0.57A	Color Temp	3000/4000/5000K
208V	0.45A/0.39A/0.34A	Color Accuracy	83-85 CRI
240V	0.39A/0.35A/0.30A	L70 Lifespan	N/A
277V	0.34A/0.30A/0.27A	Lumens	10,002-13,451 lm
Input Watts	66.6-91W	Efficacy	138.6-160.1 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output:  
90W/80W/70W (factory default: 90W)  
Color Temperature Selectable:  
3000K, 4000K and 5000K (factory default:4000K)  
Photocell Selectable:  
Built-in on/off photocell (factory default: off)

**Compliance**

**UL Listed:**

Suitable for wet 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.

**IP Rating:**

Ingress protection rating of IP65 for dust and water

**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-8W71LQ (Stairwell and Passageway Luminaires)  
DLC Product Code: S-SZ3MRR (Fuel Pump Canopy Luminaires)

**Electrical**

**Driver:**

Constant Current, Class 1, 120-277V, 50/60 Hz:  
90W: 120V: 0.76A, 208V: 0.45A, 240V: 0.39A, 277V: 0.34A  
80W: 120V: 0.67A, 208V: 0.39A, 240V: 0.35A, 277V: 0.30A  
70W: 120V: 0.57A, 208V: 0.34A, 240V: 0.30A, 277V: 0.27A

**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

**Battery Backup:**

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

**Battery Backup Light Loss Factor:**

0.073

**Surge Protection:**

L/N: 4KV, L/N-PE: 6KV

**Photocell:**

Built-in photocell included with on/off switch

**LED Characteristics**

**LEDs:**

Long-life, high-efficacy, 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

## Technical Specifications (continued)

### 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 60°C (140°F)

#### Lens:

Polycarbonate clear flat lens

#### Gaskets:

Ethylene Propylene Diene Monomer (EPDM)

#### Housing:

Die-cast aluminum

#### Reflector/Tray:

Aluminum

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

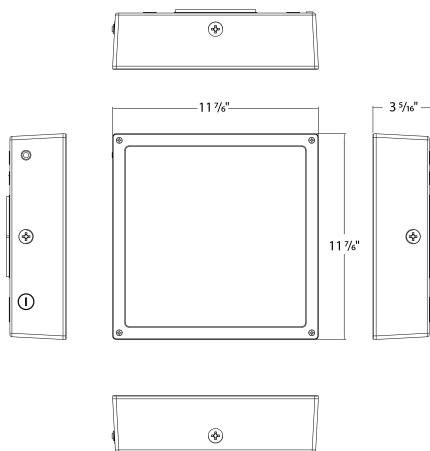
Mercury and UV free. RoHS-compliant components.

### 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).

## Dimensions



## Features

- 100,000-Hour LED lifespan
- 0-10V Dimming
- IP65 Rated
- 5-Year, limited warranty

## Ordering Matrix

Family	Wattage	Color Temp	Lens	Finish	Driver	Controls	Battery Backup
VAN34	90		F	W			/E
	30 = 30/20/10W 90 = 90/80/70W 60 = 60/50/40W	<b>Blank</b> = 3000/4000/5000K CCT Adjustable	<b>F</b> = Flat Lens <b>FFR</b> = Frosted Flat Lens <b>FR</b> = Frosted Drop Lens <b>Blank</b> = Drop Lens	<b>W</b> = White <b>Blank</b> = Bronze	<b>Blank</b> = 120-277V, 0-10V Dimming <b>/480</b> = 480V, 0-10V Dimming	<b>/MVS</b> = Microwave Sensor <b>/LCBS/MVS</b> = Lightcloud Blue w/MVS Sensor <b>/LC</b> = Lightcloud <b>Blank</b> = On/Off Photocell	<b>Blank</b> = None <b>/E</b> = Battery Backup