



Color: Bronze

Weight: 6.2 lbs

|                     |              |
|---------------------|--------------|
| <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

**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

**Construction**

**Cold Weather Starting:**

The minimum starting temperature is -40°C (-40°F)

**Maximum Ambient Temperature:**

Suitable for use in up to 40°C (104°F)

**Lens:**

Polycarbonate clear flat lens

**Gaskets:**

Ethylene Propylene Diene Monomer (EPDM)



## Technical Specifications (continued)

### Housing:

Die-cast aluminum

### Reflector/Tray:

Aluminum

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

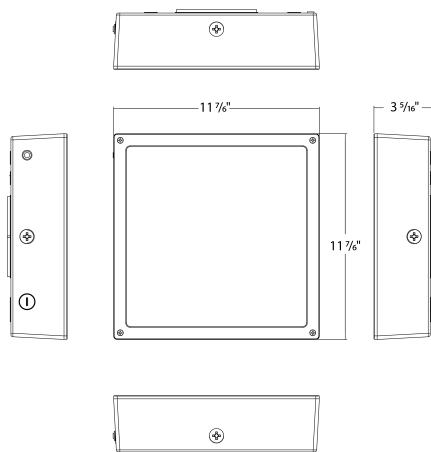
Mercury and UV free. RoHS-compliant components.

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