



Color: Bronze

Weight: 7.3 lbs

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

| 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: 4 kV, L/N-PE: 6 kV

**Photocell:**  
Bulit-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 140°F(60°C)

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:

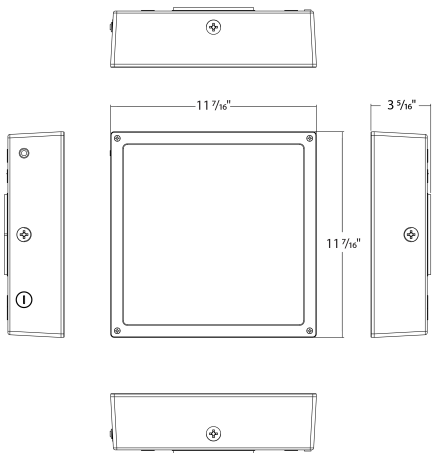
Mercury and UV free. RoHS-compliant components.

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                                                                                                |                                |                                                                     |                                                                                                                           | /E                                     |
| 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<br>Flat Lens<br>FR = Frosted<br>Drop Lens<br>Blank = Drop<br>Lens | W = White<br>Blank =<br>Bronze | Blank = 120-277V,<br>0-10V Dimming<br>/480 = 480V, 0-10V<br>Dimming | /MVS = Microwave<br>Sensor<br>/LCBS/MVS = Lightcloud<br>Blue w/MVS Sensor<br>/LC = Lightcloud<br>Blank = On/Off Photocell | Blank = None<br>/E = Battery<br>Backup |