



<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	84-86 CRI
240V	0.39A/0.35A/0.30A	L70 Lifespan	N/A
277V	0.34A/0.30A/0.27A	Lumens	9,158-12,285 lm
Input Watts	66.6-90.9W	Efficacy	127-146.4 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

#### 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-Y483T0 (Stairwell and Passageway Luminaires)  
DLC Product Code: S-F2H76Z (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

### 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 frosted 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:

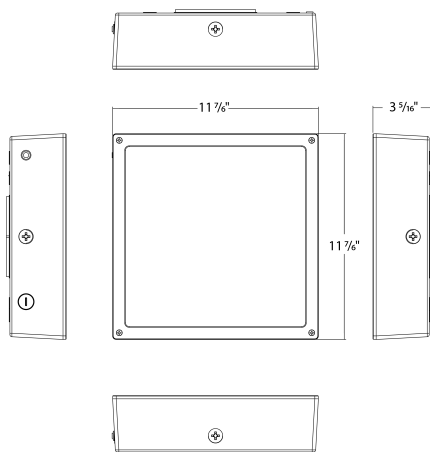
Mercury and UV free. RoHS-compliant components.

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