



<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	0.75A/0.67A/0.58A	Color Temp	3000/4000/5000K
208V	0.43A/0.38A/0.34A	Color Accuracy	83-85 CRI
240V	0.38A/0.33A/0.29A	L70 Lifespan	100,000 Hours
277V	0.32A/0.29A/0.25A	Lumens	9,726-12,929 lm
Input Watts	67.3-88.5W	Efficacy	135.7-154.5 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 family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

### Electrical

#### Drivers:

Constant Current, Class 2, 120-277V, 50/60 Hz:  
90W: 120V: 0.75A, 208V: 0.43A, 240V: 0.38A, 277V: 0.32A  
80W: 120V: 0.67A, 208V: 0.38A, 240V: 0.33A, 277V: 0.29A  
70W: 120V: 0.58A, 208V: 0.34A, 240V: 0.29A, 277V: 0.25A

#### Dimming Driver:

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

#### THD:

6.47% at 120V, 8.84% at 277V

#### Power Factor:

99.3% at 120V, 87.9% at 277V

### Surge Protection:

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

### Photocell:

Built-in photocell included with on/off switch

### Battery Backup:

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

### Battery Backup Light Loss Factor:

90W: 10.11%  
80W: 11.14%  
70W: 12.39%

### 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 IESIm-80 results and TM-21 calculations

## Technical Specifications (continued)

### Performance Data:

[Click here for the VAN17-90 performance data](#)

### Construction

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#### Maximum Ambient Temperature:

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

#### Housing:

Precision die-cast aluminum housing and door frame

#### Lens:

Vandal-resistant polycarbonate textured opaque for low-glare lens

#### Reflector:

Plastic

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Installation

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#### Mounting:

Retrofit mounting plates for ceiling mounting

### Optical

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#### BUG Rating:

90W: B3 U0 G3

80W: B3 U0 G2

70W: B3 U0 G2

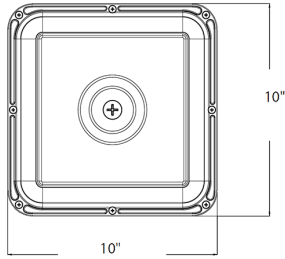
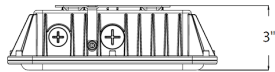
### Other

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#### 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

- 50,000-Hour LED lifespan
- 0-10V Dimming
- IP65 Rated
- 5-Year, limited warranty

## Ordering Matrix

Family	Wattage (Size)	Color Temp	Finish	Driver	Options
VAN17	-	90	W		/E
	30 = 30/25/20W (8" x 8") 90 = 90/80/70W (10" x 10") 60 = 60/50/40W (10" x 10") 50 = 50/40/30W (8" x 8")	Blank = 3000/4000/5000K CCT Adjustable	Blank = Bronze W = White	Blank = 120-277V, 0-10V Dimming, On/Off Photocell	Blank = Standard /E = Battery Backup