



<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	3000K/4000K/5000K
208V	0.43A/0.38A/0.34A	Color Accuracy	81-84 CRI
240V	0.38A/0.33A/0.29A	L70 Lifespan	50,000 Hours
277V	0.32A/0.29A/0.25A	Lumens	9,704-13,025 lm
Input Watts	68.2-88.7W	Efficacy	134-155.2 lm/W Im/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

#### 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-H1QNYD

### 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:

5.72% at 120V, 8.5% at 277V

#### Power Factor:

99.4% at 120V, 88.4% at 277V

#### Surge Protection:

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

#### 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-efficiency, 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:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### Performance Data:

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

### Construction

#### Cold Weather Starting:

The minimum starting temperature is 0°C (32°F)

**Technical Specifications (continued)****Maximum Ambient Temperature:**

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

**Housing:**

Precision die-cast aluminum housing and door frame

**Mounting:**

Retrofit mounting plates for ceiling mounting

**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.

**Other**

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**Note:**

All values are typical (tolerance +/- 10%)

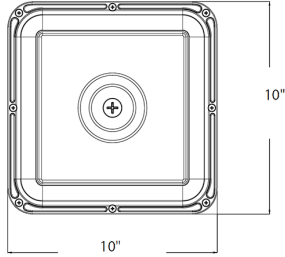
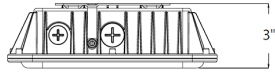
**5 Yr Limited Warranty:**

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).

**Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

## Dimensions



## Features

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

## Ordering Matrix

Family	Wattages (Size)	Color Temp	Finish	Voltage	Options
VAN17	90	Blank = 3000K/4000K/5000K CCT Adjustable	Blank = Bronze W = White	Blank = 120-277V, 0-10V Dimming, On/Off Photocell	Blank = Standard /E = Battery Backup

**30** = 30W/25W/20W (8" x 8")  
**50** = 50W/40W/30W (8" x 8")  
**60** = 60W/50W/40W (10" x 10")  
**90** = 90W/80W/70W (10" x 10")