



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	50/40/30W
120V	0.42A/0.33A/0.25A	Color Temp	3000/4000/5000K
208V	0.24A/0.19A/0.14A	Color Accuracy	80-83 CRI
240V	0.21A/0.17A/0.13A	L70 Lifespan	100,000 Hours
277V	0.18A/0.14A/0.11A	Lumens	4,219-7,119 lm
Input Watts	29.3-49.1W	Efficacy	135.6-150.7 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
50W/40W/30W (factory default: 50W)  
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-FN8SQ4 (Parking Garage Luminaires)

### Electrical

#### Drivers:

Constant Current, Class 2, 120-277V, 50/60 Hz:  
50W: 120V: 0.42A, 208V: 0.25A, 240V: 0.21A, 277V: 0.18A  
40W: 120V: 0.33A, 208V: 0.19A, 240V: 0.17A, 277V: 0.14A  
30W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A

#### Dimming Driver:

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

#### THD:

2.82% at 120V, 5.28% at 277V

#### Power Factor:

99.9% at 120V, 96.4% 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.

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### 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

#### Performance Data:

[Click here for the VAN17-50 performance data](#)

### Construction

#### Maximum Ambient Temperature:

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

#### Housing:

Precision die-cast aluminum housing and door frame

## Technical Specifications (continued)

### 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

### Mounting:

Retrofit mounting plates for ceiling mounting

## Optical

### BUG Rating:

50W: B3 U0 G2

40W: B2 U0 G2

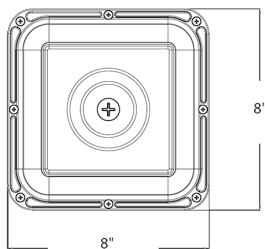
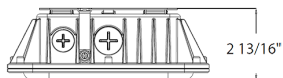
30W: B2 U0 G1

## Other

### 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).

## 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	-	50		W		/E
		<b>30</b> = 30/25/20W (8" x 8") <b>90</b> = 90/80/70W (10" x 10") <b>60</b> = 60/50/40W (10" x 10") <b>50</b> = 50/40/30W (8" x 8")	<b>Blank</b> = 3000/4000/5000K CCT Adjustable	<b>Blank</b> = Bronze <b>W</b> = White	<b>Blank</b> = 120-277V, 0-10V Dimming, On/Off Photocell	<b>Blank</b> = Standard <b>/E</b> = Battery Backup