



Color: Bronze

Weight: 3.0 lbs

|                     |              |
|---------------------|--------------|
| <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

#### 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

**Cold Weather Starting:**

The minimum starting temperature is -40°C (-40°F)

**Maximum Ambient Temperature:**

Suitable for use in up to 50°C (122°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

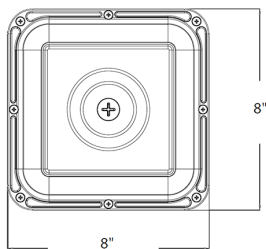
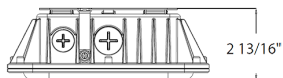
40W: B2 U0 G2

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