VAN17-50



Color: Bronze

Weight: 3.0 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	0.42A/0.33A/0.25A
208V	0.24A/0.19A/0.14A
240V	0.21A/0.17A/0.13A
277V	0.18A/0.14A/0.11A
Input Watts	28.4-48.3W

LED Info

Watts	50/40/30W
Color Temp	3000K/4000K/5000K
Color Accuracy	81-84 CRI
L70 Lifespan	50,000 Hours
Lumens	4,169-7,075 lm
Efficacy	138-154.7 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-FX7MBN

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:
4.59% at 120V, 5.15% at 277V

Power Factor:
99.8% at 120V, 96.6% at 277V

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

Photocell:
Bulit-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:
50,000-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

Mounting:
Retrofit mounting plates for ceiling mounting

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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.

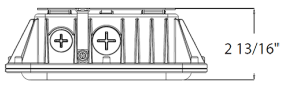
Other

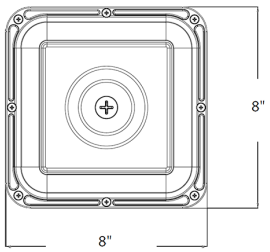
Note:
All values are typical (tolerance +/- 10%)

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.

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

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Ordering Matrix

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

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