



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	50/40/30W
120V	0.42A/0.33A/0.25A	Color Temp	3000K/4000K/5000K
208V	0.24A/0.19A/0.14A	Color Accuracy	81-84 CRI
240V	0.21A/0.17A/0.13A	L70 Lifespan	50,000 Hours
277V	0.18A/0.14A/0.11A	Lumens	4,169-7,075 lm
Input Watts	28.4-48.3W	Efficacy	138-154.7 lm/W 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

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:

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.

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 0°C (32°F)

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)

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

Note:

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

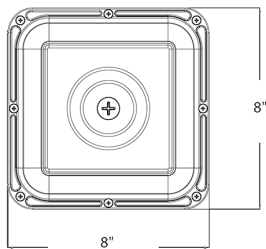
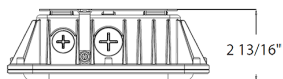
5 Yr Limited Warranty:

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

Ordering Matrix

Family		Wattages (Size)	Color Temp	Finish	Voltage	Options
VAN17	-	50		W		/E
		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")	Blank = 3000K/4000K/5000K CCT Adjustable	Blank = Bronze W = White	Blank = 120-277V, 0-10V Dimming, On/Off Photocell	Blank = Standard /E = Battery Backup