



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	90/80/70W
120V	0.75A/0.67A/0.58A	Color Temp	3000/4000/5000K
208V	0.43A/0.38A/0.34A	Color Accuracy	83-85 CRI
240V	0.38A/0.33A/0.29A	L70 Lifespan	100,000 Hours
277V	0.32A/0.29A/0.25A	Lumens	9,726-12,929 lm
Input Watts	67.3-88.5W	Efficacy	135.7-154.5 lm/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

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.
DLC Product Code: S-J6MK6Y (Parking Garage Luminaires)

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:

6.47% at 120V, 8.84% at 277V

Power Factor:

99.3% at 120V, 87.9% 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:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Performance Data:

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

Construction

Maximum Ambient Temperature:

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

Technical Specifications (continued)

Housing:

Precision die-cast aluminum housing and door frame

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:

90W: B3 U0 G3

80W: B3 U0 G2

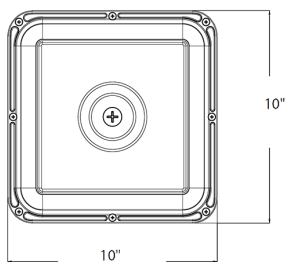
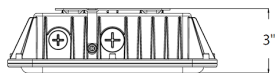
70W: B3 U0 G2

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.

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