



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	30/20/10W
120V	0.26A/0.17A/0.09A	Color Temp	3000/4000/5000K
208V	0.15A/0.10A/0.06A	Color Accuracy	83-85 CRI
240V	0.13A/0.09A/0.06A	L70 Lifespan	N/A
277V	0.12A/0.09A/0.05A	Lumens	1,636-4,734 lm
Input Watts	11.3-31.2W	Efficacy	141-158 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
30W/20W/10W (factory default: 30W)
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

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Electrical

Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz:
30W: 120V: 0.26A, 208V: 0.15A, 240V: 0.13A, 277V: 0.12A
20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.09A, 277V: 0.09A
10W: 120V: 0.09A, 208V: 0.06A, 240V: 0.06A, 277V: 0.05A

Dimming Driver:

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

Aux Power Supply:

Yes

Dim to Off:

Yes

Battery Backup:

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

Battery Backup Light Loss Factor:

0.08

Surge Protection:

L/N: 4 kV, L/N-PE: 6 kV

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 IESIm-80 results and TM-21 calculations

Technical Specifications (continued)

Construction

Cold Weather Starting:

The minimum starting temperature is 32°F/0°C

Maximum Ambient Temperature w/Battery

Backup:

Suitable for use in up to 140°F(60°C)

Lens:

Polycarbonate clear flat lens

Gaskets:

Ethylene Propylene Diene Monomer (EPDM)

Housing:

Die-cast aluminum

Reflector/Tray:

Aluminum

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other

5-Year 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

- 100,000-Hour LED lifespan
- 0-10V Dimming
- IP65 Rated
- 5-Year, limited warranty

Ordering Matrix

Family	Wattage	Color Temp	Lens	Finish	Driver	Controls	Battery Backup
VAN34	30		F	W			/E
	30 = 30/20/10W 90 = 90/80/70W 60 = 60/50/40W	Blank = 3000/4000/5000K CCT Adjustable	F = Flat Lens FFR = Frosted Flat Lens FR = Frosted Drop Lens Blank = Drop Lens	W = White Blank = Bronze	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	/MVS = Microwave Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor /LC = Lightcloud Blank = On/Off Photocell	Blank = None /E = Battery Backup