VAN34-60YAFFRW/LCBS/MVS



Color: White

Weight: 6.6 lbs

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

Driver Info

Type	Constant Current
120V	0.46A
208V	0.27A
240V	0.23A
277V	0.21A
Input Watts	55.5W

LED Info

Watts	60W
Color Temp	Amber
Color Accuracy	2 CRI
L70 Lifespan	100,000 Hours
Lumens	1,684 lm
Efficacy	30.3

Technical Specifications

Lightcloud

Lightcloud Blue Installed:
Lightcloud Blue, RAB's wireless lighting control system, eliminates the need for a hub or controller. The app shows the fixtures nearest you first, so an area is set up in minutes, even without internet on site. Lights and schedules keep working if the Wi-Fi goes down, and a Nano adds control from anywhere.
DLC system: N1XMLOEATBA (Interior); NHCZ2BIA17L (Exterior)
Learn more at rablighting.com/lcb.

Gateway Required:
No

Communication Protocol:
Bluetooth

SmartShift:
No

Range:
Indoor: Up to 60 feet between standard building materials. Building materials such as brick, concrete, and steel construction may require additional Lightcloud Blue devices to extend around an obstruction; Up to 200 feet clear line of sight.

Outdoor: Up to 200 feet clear line of sight; Up to 120 feet around corners

Spacing Criteria:
Lightcloud Blue devices should be placed within the specified range to communicate within the network. Building materials such as brick, concrete, and steel construction or heavy vegetation, bushes or trees may require additional Lightcloud Blue devices to extend around an obstruction.

Lightcloud Blue Controller:
LCBAUX-X/W

Factory Reset:
Method 1: Delete from App
Open the app and access the device settings for the paired device. Be sure that the device is online and select 'Delete'. The device will flash on/off 3x and return to full brightness.

Method 2: Manual
Locate the device identification button at the top of the Controller under the Lightcloud logo. Press and hold this button for 10s or until the indicator light begins flashing red. If the Controller is attached to a fixture, the fixture will also flash on/off 3x.

Status Indicator:
The status indicator light is located around the circumference of the top of the Controller.

Solid Green: connected to a Lightcloud Blue network
Blinking Red: unprovisioned, ready to pair

Device Identification Button:
Located at the top of the controller under the Lightcloud logo.
Once the Controller has been provisioned to the Lightcloud Blue mobile app this button offers the following functionality:
Press once to rapid identify this device in the Lightcloud Blue mobile app
Press twice to toggle circuit on and off
Press twice and hold to set dim level
Press and hold for 10s to reset the device to factory settings and into pairing mode

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

Electrical

Driver:
Constant Current, Class 2, 120-277V, 50/60 Hz:
60W: 120V: 0.46A, 208V: 0.27A, 240V: 0.23A, 277V: 0.22A

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Technical Specifications (continued)

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

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

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:
100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

Construction

Cold Weather Starting:
The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:
Suitable for use in up to 104°F (40°C)

Lens:
Polycarbonate frosted flat lens

Gaskets:
Ethylene Propylene Diene Monomer (EPDM)

Housing:
Die-cast aluminum

Reflector:
Aluminum with high reflectance white finish

Green Technology:
Mercury and UV free. RoHS-compliant components.

Sensor Settings

Sensor Connection Type:
RJ09

Max Mounting Height:
40 ft

Detection Range:
18 ft to 44 ft diameter mounted at 13 ft

Sensor Technology:
Microwave (MVS)

Default Setting:
Uncommissioned State:
Motion Sensitivity: High
Brightness when triggered : 100%
Hold time: 20 minutes
Standby to dim: 20%
Standby time: 1 minute
When vacant: Off
Daylight: Disabled

Commissioned State:
Once pair, the sensor will default to disabled. Once enabled the following settings apply:
Motion Sensitivity: High
Brightness when triggered: Last on status
Hold time: 20 minutes
Standby to dim: 20%
Standby time: 1 minute
When vacant: Off
Daylight: Disabled

Adjustable Sensor Settings?:
Yes, using the Lightcloud Blue mobile app

Sensing Type:
Occupancy or Vacancy (option to disable or set as an independent sensor)

Occupied Actions:
On or On at a Dim Level

Vacant Actions:
Off or On at a Dim Level

Occupancy Timeout:
1 minute to 240 minutes

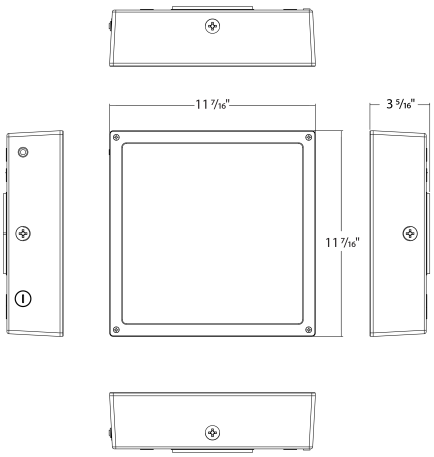
Other

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.

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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
VAN34	60	YA	FFR	W		/LCBS/MVS
	60 = 60W	**YA =** Amber	**Blank =** Drop Lens **F =** Flat Lens **FR =** Frosted Drop Lens **FFR =** Frosted Flat Lens	**Blank =** Bronze **W =** White	**Blank =** 120-277V, 0-10V Dimming	**Blank =** On/Off Photocell **/MVS =** Microwave Sensor **/LCBS/MVS =** Lightcloud Blue w/MVS Sensor

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