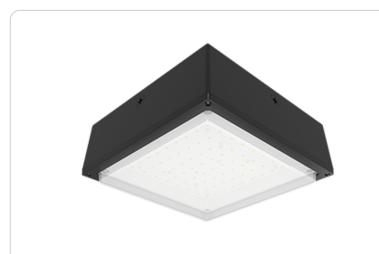
VANLED75YFR/MVS

RAB



Low-profile vandal-resistant fixture covers the footprint of most traditional canopy lights. Available in flat or drop lens with frosted and unfrosted options.

Color: Bronze

Proje	ect:	Туре:	
Prep	ared By:	Date:	
Driver Ir	nfo	LED Info	
Type 120V	Constant Current 0.63A	Watts Color Temp	75W 3000K (Warm)

Technical Specifications

Compliance

UL Listed:

Suitable for Wet Locations. Covered Ceiling Mount Only.

IP Rating:

Ingress protection rating of IP66 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: P3HRBNAA (DLC Premium: Stairwell and Passageway Luminaires) DLC Product Code: S-AU0FNB (DLC Standard: Canopy Lighting)

Electrical

Driver:

Class 2, Constant Current, 120-277V, 50-60Hz, 120V: 0.63A, 208V: 0.36A, 240V: 0.32A, 277V: 0.27A

Dimming Driver:

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

THD:

2.56% at 120V, 5.68% at 277V

Power Factor:

99.76% at 120V, 95.66% at 277V

LED Characteristics

LEDs: Long-life, high-efficacy, surface-mount LEDs

Color Stability:

RAB LEDs exceed industry standards for chromatic stability

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.

Construction

Maximum Ambient Temperature: Suitable for use in up to 75°C (167°F)

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Lens:

Vandal-resistant polycarbonate textured opaque for low glare frosted drop lens

Housing:

208V

240V

277V

0.36A

0.32A

0.27A

Input Watts 70.1W

Die-cast aluminum housing and lens frame with (4) 1/2" NPS side conduit entries and weatherproof rear wire plug and access plate

Color Accuracy 84 CRI

100,000 Hours

8,592 lm

122.5

L70 Lifespan

Lumens

Efficacy

Mounting:

Ceiling mount to recessed junction with knockout template or directy to ceiling surface, utilizing side conduit entry points

Air Tight:

Housing certified Air Tight as per ASTM E283

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color

Sensor Specifications

Capacitance Load: 400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

Operating Temperature:

-20°C to +60°C (-4°F to +140°F)

Relay: Zero-cross relay

Maximum Mounting Height: 16.4 feet

RAB

Technical Specifications (continued)

Customizable Detection Area: 10, 50, 75 or 100%

Time Delay: 5s, 30s, 1min, 5min, 10min, 20min, 30min

Cut Off Period: 0s, 10s, 1min, 5min, 10min, 30min, 1hr, Bi-Level

Cut-Off Dimming level: 10, 20, 30, 50%

Cut-Off Power: Less than 1W

Daylight Threshold: About .2-5 fc for disabled

Sensor Principle: High Frequency

Microwave Frequency: 5.8GHz +/- 75MHz

Microwave Power: <0.2mW

Max Detection Range: 26 ft diameter at 16 ft mounting height

Detection Angle: About 30 to 150 degrees

Remote Control Accessory:

Adjust settings using remote control (catalog# MVSREM). Only available with 0-10V dimming driver options. <u>Remote control available here.</u>

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at <u>rablighting.com/warranty.</u>

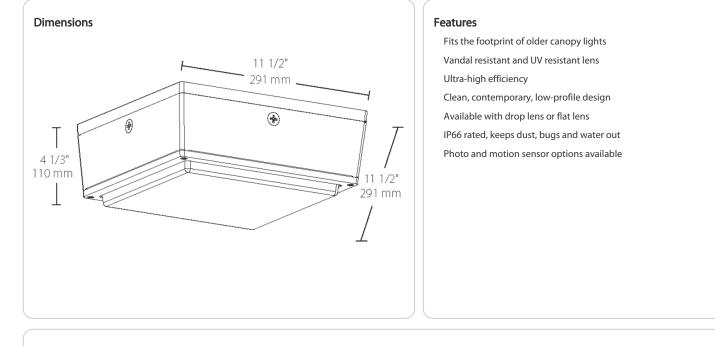
Buy American Act Compliance:

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.

Performance

Wattage Equivalency: Equivalent to 250W Metal Halide

VANLED75YFR/MVS



Ordering Matrix

Family	Wattage	Color Temp	Lens-Optics	Finish	Voltage	Options
VANLED	75	Y	FR			/MVS
	10 = 10W 20 = 20W 28 = 28W 40 = 40W 52 = 52W 65 = 65W 75 = 75W	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = Drop lens F = Flat lens ¹ FR = Frosted Drop Lens FFR = Frosted Flat Lens ¹	Blank = Bronze W = White	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Options /E2 = Battery Backup, 120-277V only /LC = Lightcloud® Controller /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCS4 = 480V Swivel Photocell /WS = Wattstopper, 8ft /WS2 = Wattstopper, 20ft /MVS = Microwave Motion Sensor ¹
			¹ /MVS option	n not available wi	th F and FFR lens	