# VANLED20YFRMSW





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: White

# **Technical Specifications**

#### Listings

#### **UL Listing:**

Suitable for wet locations.

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

#### Electrical

## Driver:

Class 2, Constant Current, 100-277V, 50-60Hz, 500mA

#### THD:

11.5% at 120V, 21% at 277V

## **Power Factor:**

99.2% at 120V, 91.1% at 277V

# Construction

# Maximum Ambient Temperature:

Suitable for use in 104° F (40°C) ambient temperatures

#### Cold Weather Starting:

Minimum starting temperature is -40° F (-40° C)

#### Housing:

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

#### Mounting:

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

#### IP Rating:

Weight: 12.0 lbs

Ingress Protection rating of IP66 for dust and water

Efficiency:

91%

#### Lens:

Vandal-resistant polycarbonate textured opaque for low glare drop lens

## Reflector:

Semi-specular, vacuum-metalized polycarbonate

# Gaskets:

High-temperature silicone gaskets

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

#### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

## **LED Characteristics**

LEDs:

Discreet LEDs on PCB board

# **Color Stability:**

RAB LEDs exceed industry standards for chromatic stability.

#### Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

Project:			Туре:			
Prepared I	Ву:		Date:			
Driver Info			-ED Info			
Туре:	Constant Current	-	Vatts:	20W		
120V:	0.30A		Color Temp:	3000K		
208V:	N/A		Color Accuracy:	74 CRI		
240V:	N/A	L	.70 Lifespan:	100000		
277V:	N/A	L	umens:	2376		
Input Watts:	22W	E	Efficacy:	108 LPW		

#### **Replacement:**

Replaces up to 70W Metal Halide.

#### 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. See our full warranty

#### VANLED with Mini Sensor:

120V Mini Sensor Included. Sensor is only compatible with 120V.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

#### **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

## **Recovery Act (ARRA) Compliant:**

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

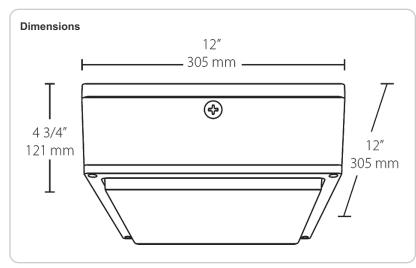
#### Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

# VANLED20YFRMSW



# Features

Fits the footprint of older canopy lights

Vandal resistant and UV resistant lens

Ultra-high efficiency

Clean, contemporary, low-profile design

Available with drop lens or flat lens

IP66 rated, keeps dust, bugs and water out

Photo and motion sensor options available

# **Ordering Matrix**

Family	Watts	Color Temp	Lens	Motion Sensor & Finish	Driver Options	Photocell Options
VANLED						
	<ul> <li>10 =</li> <li>10W</li> <li>20 =</li> <li>20W</li> <li>40 =</li> <li>40W</li> <li>52 =</li> <li>52W</li> <li>65 =</li> <li>65W</li> <li>75 =</li> <li>75W</li> </ul>	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = Drop lens F = Flat lens FR = Frosted Drop Lens FFR = Frosted Flat Lens	<ul> <li>Blank = Bronze, no sensor</li> <li>W = White, no sensor</li> <li>MS = Bronze w/ SMS500 mini-sensor (not available w/ D10 models)</li> <li>MSW = White w/ SMS500 mini-sensor (not available w/ D10 models)</li> </ul>	Blank = On/Off driver /D10 = 0-10V Dimming (not available for 10w) /480 = 480V (not available for 10W or 20W) /480/D10 = 480V w/ 0-10V dimming (not available for 10W or 20W)	/PCS = 120V Swivel /PCS2 = 277V Swivel /PCS4 = 480V Swivel

