## **VANLED20FFR**





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 Weight: 11.8 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	20W
120V:	0.30A	Color Temp:	5000K
208V:	0.20A	Color Accuracy:	78 CRI
240V:	0.17A	L70 Lifespan:	100000
277V:	0.15A	Lumens:	2436
Input Watts:	22W	Efficacy:	111 LPW
Efficiency:	91%		

## **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:

11.6% 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:

Ingress Protection rating of IP66 for dust and water

#### \_ens:

Vandal-resistant polycarbonate textured opaque for low glare flat 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.

#### 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

### **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:**

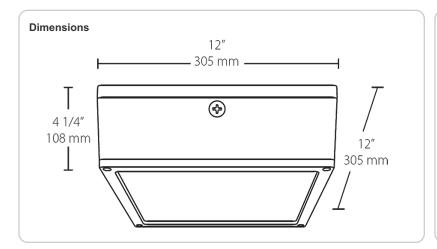
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act

## GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

# **VANLED20FFR**





## **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 Matr	Ordering Matrix									
Family	Watts	Color Temp	Lens	Motion Sensor & Finish	Driver Options	Photocell Options				
VANLED										
	10 = 10W 20 = 20W 40 = 40W 52 = 52W 65 = 65W 75 = 75W	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = Drop lens F = Flat lens FR = Frosted Drop Lens FFR = Frosted Flat Lens	Blank = Bronze, no sensor  W = White, no sensor  MS = Bronze w/ SMS500 mini-sensor (not available w/ D10 models)  MSW = White w/ SMS500 mini-sensor (not available w/ D10 models)	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				