# VANLED20NFR/D10



100000

110 LPW

2473



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

# **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:

4.4% at 120V, 10.6% at 277V

#### **Power Factor:**

99.7% at 120V, 92% at 277V

#### **Dimming Driver:**

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

#### 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:

Weight: 12.0 lbs

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

240\/-

277V:

Input Watts:

Efficiency:

0.17A

0.15A

22W

89%

#### **IP Rating:**

Ingress Protection rating of IP66 for dust and water

## 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.

**Project:** Type: Prepared By: Date: **Driver Info** LED Info Constant Current 20W Type Watts 120V: 0.30A Color Temp: 4000K 208V: 0.20A Color Accuracy: 78 CRI

L70 Lifespan:

Lumens:

Efficacy:

#### **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).

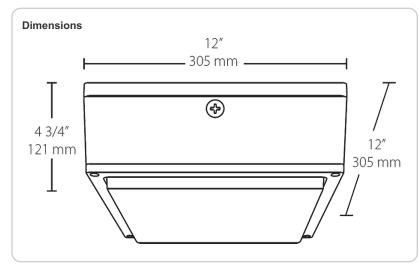
#### **Trade Agreements Act Compliant:**

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.

# VANLED20NFR/D10



## 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
D10						
	<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	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

