# VANLED20NFFR/D10





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:	4000K
208V:	0.20A	Color Accuracy:	78 CRI
240V:	0.17A	L70 Lifespan:	100000
277V:	0.15A	Lumens:	2467
Input Watts:	22W	Efficacy:	110 LPW
Efficiency:	89%		

# **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:

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

#### Lens:

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:

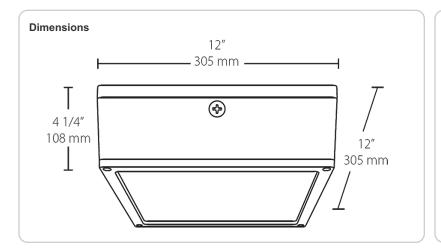
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

# VANLED20NFFR/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

Family	Watts	Color Temp	Lens	Motion Sensor & Finish	Driver Options	Photocell Options
D10						
	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 = 120\ Swivel /PCS2 = 277' Swivel /PCS4 = 480' Swivel