# VANLED20NFFR/WS

# 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

Weight:	10.8	lbs
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Project:	Туре:	
Prepared By:	Date:	
Driver Info	LED Info	

Туре	Constant Current	Watts	20W
120V	0.20A	Color Temp	4000K (Neutral)
208V	0.11A	Color Accuracy	84 CRI
240V	0.10A	L70 Lifespan	100,000 Hours
277V	0.09A	Lumens	3,114 lm
Input Watts	22.9W	Efficacy	136

## **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: PFBM6519 (DLC Premium: Stairwell and Passageway Luminaires) DLC Product Code: S-B20TDK (DLC Standard: Canopy Lighting)

#### Electrical

#### Driver:

Class 2, Constant Current, 120-277V, 50-60Hz, 120V: 0.20A, 208V: 0.11A, 240V: 0.10A, 277V: 0.09A

#### **Dimming Driver:**

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

#### THD:

13.92% at 120V, 10.41% at 277V

## **Power Factor:**

97.6% at 120V, 95.7% 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 70°C (158°F)

#### **Cold Weather Starting:**

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

#### Lens:

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

#### 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

#### 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

#### 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>.

## **Technical Specifications (continued)**

### 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.

#### **Sensor Specifications**

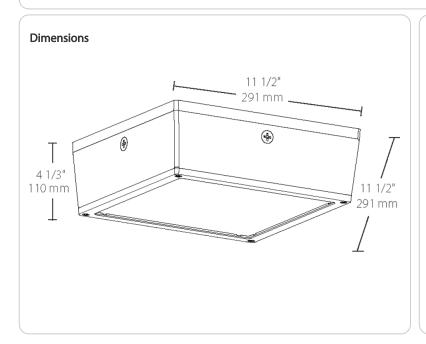
#### Multi Level Motion Sensor:

/WS sensor options use state-of-the-art surface mount technology (SMT), just like cellular phones and beepers. SMT gives you more reliability, greater RF<sup>M</sup>immunity. This compact sensor that can fit neatly where others cannot. This sensor technology automatically affects the state of operation for lighting systems or individual luminaries based upon detecting the presence or absence of movement for both people as they exit/enter, or for the motion of moving vehicles within the sensors viewing area. The wide 180° viewing angle can detect movement along the entire side of a building with only one compact sensor. The hard lens is molded as part of the case, vandalproof, rainproof, bugproof and absolutely sealed. Sensor functions best when movement is across its detection pattern, not towards the sensor.

#### Performance

#### Wattage Equivalency:

Equivalent to 100W Metal Halide



#### 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

# VANLED20NFFR/WS

Family	Wattage	Color Temp	Lens-Optics	Finish	Voltage	Options
/ANLED	20	N	FFR			/WS
	<b>10</b> = 10W <b>20</b> = 20W <b>28</b> = 28W <b>40</b> = 40W <b>52</b> = 52W <b>65</b> = 65W <b>75</b> = 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 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 <sup>1</sup>