# VANLED28NFR/LC

# 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:	11.5	5 lbs
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Proje	ect:	Туре:		
Prep	ared By:	Date:		
Driver In Type	<b>nfo</b> Constant Current	<b>LED Info</b> Watts	28W	

# **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: P0CG27JY (DLC Premium: Stairwell and Passageway Luminaires) DLC Product Code: S-APEHNT (DLC Standard: Canopy Lighting)

## Electrical

#### Driver:

Class 2, Constant Current, 120-277V, 50-60Hz, 120V: 0.24A, 208V: 0.14A, 240V: 0.12A, 277V: 0.11A

## **Dimming Driver:**

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

## THD:

10.88% at 120V, 11.72% at 277V

#### **Power Factor:** 08 1% at 1201/ 04 7% at 27

98.1% at 120V, 94.7% 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 75°C (167°F)

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

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

#### Lens:

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

#### Housing:

120V

208V

240V

277V

0.24A

0.14A

012A

0.11A

Input Watts 27.7W

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

Color Temp

L70 Lifespan

Lumens

Efficacy

Color Accuracy 84 CRI

4000K (Neutral)

100,000 Hours

3,577 lm

129.1

#### 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.

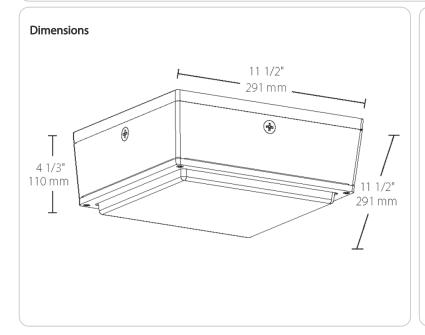
# Lightcloud

# Lightcloud Controller Installed:

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel. DLC system - NHCZ2BIA17L Learn more about Lightcloud.

# 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

# VANLED28NFR/LC

Family	Wattage	Color Temp	Lens-Optics	Finish	Voltage	Options
/ANLED	28	Ν	FR			/LC
	<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 <sup>1</sup> FR = Frosted Drop Lens FFR = Frosted Flat Lens <sup>1</sup>	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 /PCS4 = 480V Swivel Photocell /WS = Wattstopper, 8ft /WS2 = Wattstopper, 20ft /MVS = Microwave Motion Sensor <sup>1</sup>