# VANLED28YW/PCS2



# **Project:** Type: **Prepared By:** Date: **LED Info Driver Info Constant Current** Watts 28W Type

Color Temp

3000K (Warm)

100,000 Hours

3,842 lm 136.6

	208V	0.14A	Color Accuracy	83 CRI
nal canopy lights.	240V	012A	L70 Lifespan	100,00
	277V	0.11A	Lumens	3,842 lr
lbs	Input Wa	atts 28.1W	Efficacy	136.6

0.24A

120V

# **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: PHURTJXM (DLC Premium: Stairwell and Passageway Luminaires) DLC Product Code: S-BE6D4H (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:

8.69% at 120V, 9.06% at 277V

**Power Factor:** 98.5% at 120V, 94.8% at 277V

# Photocell:

277V Swivel photocell included. Photocell is compatible with 208V-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 drop 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 longlasting 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 rablighting.com/warranty.

# VANLED28YW/PCS2

# **Technical Specifications (continued)**

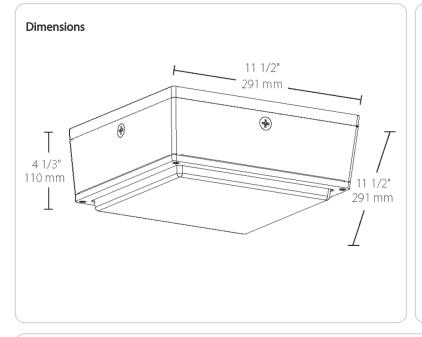
# **Buy American Act Compliance:**

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.

# 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

# **Ordering Matrix**

Family	Wattage	Color Temp	Lens-Optics	Finish	Voltage	Options
VANLED	28	Y		W		/PCS2
	<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>