# VANLED40NFRW/PCS2





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: White Weight: 12.0 lbs

Project:	Туре:
Prepared By:	Date:

<b>Driver Info</b>		LED Info		
Type:	Constant Current	Watts:	40W	
120V:	N/A	Color Temp:	4000K	
208V:	0.19A	Color Accuracy:	78 CRI	
240V:	0.17A	L70 Lifespan:	100000	
277V:	0.14A	Lumens:	4607	
Input Watts:	39W	Efficacy:	117 LPW	
Efficiency:	N/A			

# **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, 1050mA

## THD:

12.8% at 120V, 14.7% at 277V

## **Power Factor:**

98.9% at 120V, 92.3% at 277V

## Photocell:

277V Swivel Photocell Included. Photocell is compatible with 208V-277V.

# 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 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.

### **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 100W 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:**

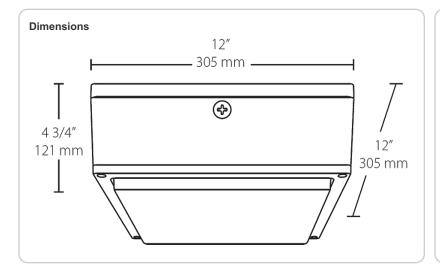
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

## **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

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# **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	<b>Driver Options</b>	Photocell Options
VANLED						
	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