# VANLED52YFRW/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

# **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, 1400mA

#### THD:

7.5% at 120V, 7.1% at 277V

#### **Power Factor:**

99.2% at 120V, 96.6% 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:

Weight: 12.0 lbs

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.

# Project: Type: Prepared By: Date: Driver Info LED Info Type: S2W

| Type.        | Constant Current | valls.          | 5277    |
|--------------|------------------|-----------------|---------|
| 120V:        | N/A              | Color Temp:     | 3000K   |
| 208V:        | 0.26A            | Color Accuracy: | 73 CRI  |
| 240V:        | 0.23A            | L70 Lifespan:   | 100000  |
| 277V:        | 0.20A            | Lumens:         | 5662    |
| Input Watts: | 53W              | Efficacy:       | 107 LPW |
| Efficiency:  | 98%              |                 |         |
|              |                  |                 |         |

# **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 150W 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:**

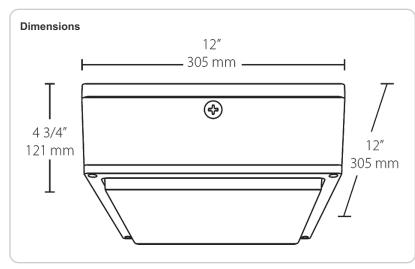
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.



# VANLED52YFRW/PCS2



# 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 | Watts   | Color Temp   | Lens   | Motion Sensor & Finish  | Driver Options  | Photocell<br>Options  |
|--------|---|--|--|---|---|---|
| VANLED | <b>10</b> = 10W<br><b>20</b> = 20W<br><b>40</b> = 40W<br><b>52</b> = 52W<br><b>65</b> = | Blank = 5000K<br>(Cool)<br>N = 4000K<br>(Neutral)<br>Y = 3000K<br>(Warm) | Blank = Drop<br>lens<br>F = Flat lens<br>FR = Frosted<br>Drop Lens<br>FFR = Frosted<br>Flat Lens | Blank = Bronze, no sensor<br>W = White, no sensor<br>MS = Bronze w/ SMS500 mini-sensor (not<br>available w/ D10 models)<br>MSW = White w/ SMS500 mini-sensor (not<br>available w/ D10 models) | Blank = On/Off driver<br>/D10 = 0-10V Dimming (not available for 10w)<br>/480 = 480V (not available for 10W or 20W)<br>/480/D10 = 480V w/ 0-10V dimming (not<br>available for 10W or 20W) | /PCS = 120V<br>Swivel<br>/PCS2 = 277V<br>Swivel<br>/PCS4 = 480V<br>Swivel |
|        | 65W<br><b>75 =</b><br>75W   |  |  |   |   |   |

