# VANLED40YFR/480/PCS4





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: 12.0 lbs

| Project:     | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info  |                  | LED Info        |         |
|--------------|------------------|-----------------|---------|
| Type:        | Constant Current | Watts:          | 40W     |
| 120V:        | N/A              | Color Temp:     | 3000K   |
| 208V:        | N/A              | Color Accuracy: | 75 CRI  |
| 240V:        | N/A              | L70 Lifespan:   | 100000  |
| 277V:        | N/A              | Lumens:         | 4491    |
| Input Watts: | 38W              | Efficacy:       | 119 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

## Drivers:

Class 2, Constant Current, 347-480V, 1050mA, 50-60 Hz, <20% THD, >0.90pF

#### THD:

7.4% at 480V

## **Power Factor:**

94.2% at 480V

#### Photocell:

480V Swivel Photocell Included. Photocell is only compatible with 347-480V.

## 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:**

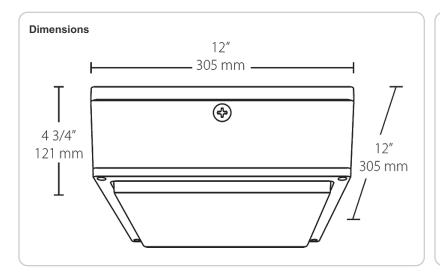
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

## 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<br>Options                                     |
|--------|----------|--|--|---|--|--|
| VANLED |          |  |  |   |  |  |
|        | 10 = 10W | 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  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 |