# VANLED40N/480/D10/PCS4





Low-profile vandal-resistant fixture covers the footprint of most traditional canopy lights. Available in flat or drop lens with photo and motion sensor controls.

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:     | 4000K (Neutral) |
| 208V:        | N/A              | Color Accuracy: | 74 CRI          |
| 240V:        | N/A              | L70 Lifespan:   | 100,000         |
| 277V:        | N/A              | Lumens:         | 4,356           |
| Input Watts: | 39W              | Efficacy:       | 113 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, 0-10V dimming to 10%

#### Construction

## **Ambient Temperature:**

Suitable for use in 40°C (104°F) 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, and RoHS compliant. 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 C78.377-2011.

#### Other

### **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.

# **VANLED** with Dimmable Driver:

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

## VANLED with Photocell:

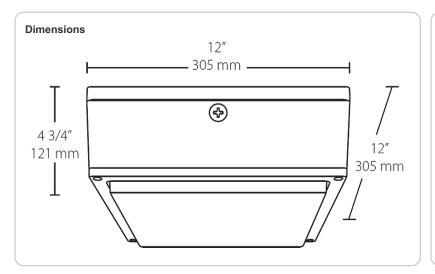
480V Swivel Photocell Included. Photocell is only compatible with 347-480V.

## Replacement:

The VANLED 40W replaces up to 100W Metal Halide.

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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<br>Temp              | Lens                 | Sensor               | Finish            | Dimming   | Voltage  | Photocell               |
|--------|-----------------|----------------------------|----------------------|----------------------|-------------------|---|--|-------------------------|
| VANLED |                 |                            |                      |                      |                   |   |  |                         |
|        | <b>10</b> = 10W | Blank =<br>Cool            | Blank = Drop<br>lens | Blank = No<br>Sensor | Blank =<br>Bronze | Blank = No Dimming /D10 = Dimmable (10W & 20W not | Blank = 120-277V<br>/480 = 480V (10W & 20W not | Blank = No<br>Photocell |
|        | <b>20</b> = 20W | <b>Y</b> = Warm <b>N</b> = | F = Flat lens        | MS = Mini<br>Sensor  | W = White         | available)  | available)                                     | /PCS = 120<br>Swivel    |
|        | <b>40</b> = 40W | Neutral                    |                      |                      |                   |   |  | /PCS2 = 277<br>Swivel   |
|        | <b>52</b> = 52W |                            |                      |                      |                   |   |  | /PCS4 = 480<br>Swivel   |
|        | <b>65</b> = 65W |                            |                      |                      |                   |   |  |                         |
|        | <b>75</b> = 75W |                            |                      |                      |                   |   |  |                         |