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|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info  |                  | LED Info        |         |
|--------------|------------------|-----------------|---------|
| Type:        | Constant Current | Watts:          | 20W     |
| 120V:        | 0.30A            | Color Temp:     | 5000K   |
| 208V:        | 0.20A            | Color Accuracy: | 78 CRI  |
| 240V:        | 0.17A            | L70 Lifespan:   | 100000  |
| 277V:        | 0.15A            | Lumens:         | 2436    |
| Input Watts: | 22W              | Efficacy:       | 111 LPW |
| Efficiency:  | 91%              |                 |         |

## 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, 500mA

#### THD:

11.6% at 120V, 21% at 277V

#### Power Factor:

99.2% at 120V, 91.1% at 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 directly 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 flat 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 70W 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.

# VANLED20FFRW

## Dimensions



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