# RAILP185NW/480/D10





LED High Bay fixture ideal for large indoor spaces, including warehouses, gymnasiums and distribution centers that require mounting heights from 35 feet.

Color: White Weight: 19.8 lbs

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

| Driver Info  |                  | LED Info        |         |
|--------------|------------------|-----------------|---------|
| Type:        | Constant Current | Watts:          | 185W    |
| 120V:        | N/A              | Color Temp:     | 4000K   |
| 208V:        | N/A              | Color Accuracy: | 77 CRI  |
| 240V:        | N/A              | L70 Lifespan:   | 100000  |
| 277V:        | N/A              | Lumens:         | 21755   |
| Input Watts: | 169W             | Efficacy:       | 128 LPW |
| Efficiency:  | N/A              |                 |         |
|              |                  |                 |         |

## **Technical Specifications**

#### Listings

#### **UL Listing:**

Suitable for damp 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.

### **LED Characteristics**

## Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### **LEDs**

Long-life, high-efficiency surface mounting LEDs

## **Color Stability:**

LED Color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

# **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.

#### **Electrical**

#### Driver:

Constant Current, Class 2, 480V, 50/60Hz

### THD:

11.5% at 480V

## **Power Factor:**

95.2% at 480V

## Construction

#### **Ambient Temperature:**

Suitable for use 12 hours a day, 6 days a week in 60°C (140°F). Suitable for 24/7 use in ambient temperatures up to 50°C (122°F).

## Housing:

Extruded aluminum

#### Lens:

High-transmittance polystyrene

#### Reflector:

Specular, high-reflectance aluminum with 95% reflectivity

## Mounting:

3/4" NPS for pendant mount (pendant by others) or direct surface knockout on junction box for mounting to ceiling. Mounting hardware (not provided) should be suitable to mounting surface.

#### Finish:

Formulated for high-durability and long lasting color.

## **Green Technology:**

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

## **Recommended Mounting Height:**

Up to 40 ft.

## Other

## Replacement:

Replaces 250-400W MH

# 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.

## California Title 24:

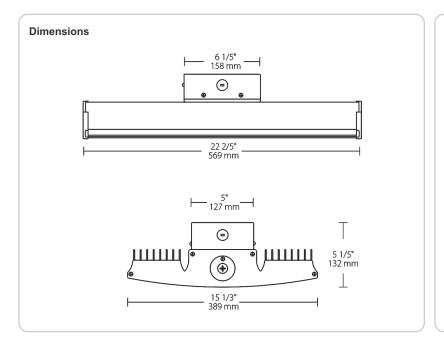
See RAIL with Multi-Level sensor (/WS2 or /WS4) for a compliant California Title 24.

## **Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

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## Features

Ideal for large spaces

Ultra-high efficacy

Up to 60% less energy usage than equivalent metal halide fixtures

100,000 hour lifespan, virtually maintenance free operation

0-10V driver for variable dimming down to 10%

| ordering Ma | itrix             |                            |           |                         |                              |  |
|-------------|-------------------|----------------------------|-----------|-------------------------|------------------------------|--|
| Family      | Wattage           | Color Temp                 | Finish    | Voltage                 | Dimming                      | Control Options                                |
| RAILP       | 185               | N                          | W         | /480                    | /D10                         |  |
|             | <b>225</b> = 225W | Blank = 5000K (Cool)       | W = White | <b>Blank</b> = 120-277V | / <b>D10</b> = 0-10V Dimming | Blank = No Controls                            |
|             | <b>185</b> = 185W | <b>N</b> = 4000K (Neutral) |           | <b>/480</b> = 480V      |                              | /BL = Bi-Level Control (120-277V only)         |
|             | <b>150</b> = 150W | YN = 3500K (Warm Neutral)  |           |                         |                              | /WS2 = Multi-Level Motion Sensor 20 ft         |
|             | <b>95</b> = 95W   |                            |           |                         |                              | /WS4 = Multi-Level Motion Sensor 40 ft         |
|             |                   |                            |           |                         |                              | /LOS = LOSBAY800 Sensor (120-277V only)        |
|             |                   |                            |           |                         |                              | /E2 = Emergency Battery Backup (120-277V onl   |
|             |                   |                            |           |                         |                              | /LC = Lightcloud® Controller (120-277V only)   |
|             |                   |                            |           |                         |                              | /LCS = Lightcloud® High Bay Sensor (120-277V o |