## RAILP225W/480/D10





LED High Bay fixture ideal for large indoor spaces, including warehouses, gymnasiums and distribution centers that require mounting heights from 40 feet.

Color: White Weight: 22.9 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	225W	
120V:	N/A	Color Temp:	5000K	
208V:	N/A	Color Accuracy:	76 CRI	
240V:	N/A	L70 Lifespan:	100000	
277V:	N/A	Lumens:	27519	
Input Watts:	200W	Efficacy:	138 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, 480V: 0.44A

## **Dimming Driver:**

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

## THD:

12.8% at 480V

## Power Factor:

96.4% 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 50 ft.

#### Other

## Replacement:

Replaces 350-400W 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:

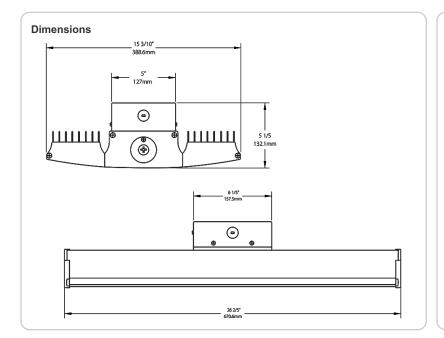
See RAIL with Multi-Level sensor (/WS2 or /WS4) for a compliant California Title 24.

## **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 Matrix									
Family	Wattage	Color Temp	Finish	Voltage	Dimming	Control Options			
RAILP	225		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 only)			
						/LC = Lightcloud® Controller (120-277V only)			
						/LCS = Lightcloud® High Bay Sensor (120-277V only)			