## RAIL400W/D10/WS2

# RAB



LED High Bay fixture ideal for large indoor spaces, including warehouses, gymnasiums and distribution centers with high ceiling that require mounting heights of 50-60 feet. Replaces up to 1000W MH fixtures.

Color: White

Weight: 39.6 lbs

	Project:	Туре:
	Prepared By:	Date:
Driver Info		LED Info

Туре	Constant Current	Watts	400W
120V	3.34A	Color Temp	5000K (Cool)
208V	2.01A	Color Accuracy	84 CRI
240V	1.74A	L70 Lifespan	100,000 Hours
277V	1.47A	Lumens	53,141 lm
Input Watts	393.7W	Efficacy	135 lm/W

### **Technical Specifications**

Compliance

**UL Listed:** 

Suitable for damp locations

### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

### Performance

### Lifespan:

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

### LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

### Color Stability:

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

### **Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 3.34A, 208V: 2.01A, 240V: 1.74A, 277V 1.47A

**THD:** 4.82% at 120V, 6.54% at 277V

**Power Factor:** 99.9% at 120V, 95% at 277V

Surge Protection: 4kV

### Construction

**Ambient Temperature:** Suitable for use 12 hours a day, 6 days a week in 55°C (131°F). Suitable for 24/7 use in up to 45°C (113°F).

### Housing:

Extruded aluminum

#### Lens:

High-transmittance polystyrene

### Reflector:

Specular, high-reflectance aluminum with 95% reflectivity

Mounting:

V hooks (chain by others)

### Other

Replacement: Replaces 400-1000W 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. RAB's warranty is subject to all terms and conditions found at <u>rablighting.com/warranty</u>.

### **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.

### **Sensor Specifications**

**Operating Voltage:** 120-277V

Power Consumption: 1W

### **Technical Specifications (continued)**

**0-10V Sinking Current:** 50mA

Adjustable High and Low Modes: High: 0-10V; Low: off, 0-9.8V

### Adjustable Time Delay:

Amount of time in high mode with no motion before switching to low mode: 5 min., 1 -30 min.

### Adjustable Cut Off Delay:

Time in which the fixture will remain on low mode with no motion before turning off and waiting for new motion to turn on: None, 1 -60 min., 1 -5 hrs.

Adjustable Sensitivy: None, low, medium, maximum

Adjustable Setpoint: None, 1 to 250 fc, auto

**Operating Temperature:** -40°F to 167°F (-40°C to +75°C)

**Operating Humidity:** 20% to 90% noncondensing

**Relay Life Rating:** 200,000 cycles (120/277VAC), 50,000 cycles (230VAC)

UL Listed: Suitable for Wet Locations as factory installed

### Handheld Wireless Configuration Tool:

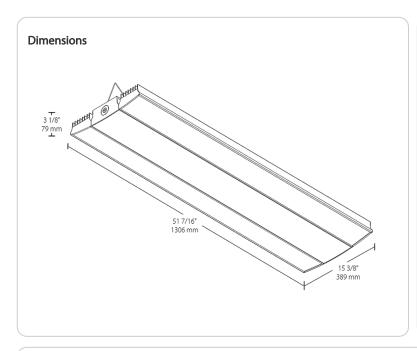
Adjust settings using handheld wireless configuration tool (catalog# WSREM). Only available with 0-10V dimming driver options. <u>Handheld</u> wireless configuration tool available here.

#### Multi Level Motion Sensor:

/WS2 sensor options use state-of-the-art surface mount technology (SMT), just like cellular phones and beepers. SMT gives you more reliability, greater RF<sup>I</sup>immunity. This compact sensor that can fit neatly where others cannot. This sensor technology automatically affects the state of operation for lighting systems or individual luminaries based upon detecting the presence or absence of movement for both people as they exit/enter, or for the motion of moving vehicles within the sensors viewing area. The wide 180° viewing angle can detect movement along the entire side of a building with only one compact sensor. The hard lens is molded as part of the case, vandalproof, rainproof, bugproof and absolutely sealed. Sensor functions best when movement is across its detection pattern, not towards the sensor.

## RAB

## RAIL400W/D10/WS2



### Features

Ideal for large spaces

100,000-hour lifespan - virtually maintenance free operation

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

Low-glare design with semi-diffuse lens

### **Ordering Matrix**

amily Wattage	Color Temp	Finish	Driver Options	Control Options	Other Options
RAIL 400		W	/D10	/WS2	
<b>150</b> = 150W <b>185</b> = 185W <b>225</b> = 225W <b>400</b> = 400W <b>95</b> = 95W	<b>N</b> = 4000K Neutral <b>YN</b> = 3500K Warm Neutral	W = White	<b>/480/D10 =</b> 480V, 0-10V Dim <b>/D10 =</b> 120-277V, 0-10V Dim	Blank = No Option /BL = Bi-Level Control /WS2 = Multi-Level Motion Sensor 20 ft <sup>1</sup> /WS4 = Multi-Level Motion Sensor 40 ft <sup>1</sup> /LOS = LOSBAY 800 Sensor /LC = Lightcloud Controller /LCS = Lightcloud Sensor /E2 = Battery Pack	Blank = Standard

<sup>2</sup> Not available in RAIL 400W