# RAIL95NW/D10/LOS

**RAB** LIGHTING

| Project: | Type: |
|---|---|
| **Prepared By:** | **Date:** |

LED High Bay fixture ideal for large indoor spaces, including warehouses, gymnasiums and distribution centers that require mounting heights from 15 to 50 feet.

Color: White            Weight: 13.4 lbs

### Driver Info
| | |
|---|---|
| Type: | Constant Current |
| 120V: | 0.78A |
| 208V: | 0.47A |
| 240V: | 0.41A |
| 277V: | 0.35A |
| Input Watts: | 91W |
| Efficiency: | N/A |

### LED Info
| | |
|---|---|
| Watts: | 95W |
| Color Temp: | 4000K |
| Color Accuracy: | 77 CRI |
| L70 Lifespan: | 100000 |
| Lumens: | 12176 |
| Efficacy: | 134 LPW |

## Technical Specifications

### Listings

**UL Listing:**

Suitable for damp locations

**DLC Listed:**

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.
DLC Product Code: PRSR2249

**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:**

One Driver, Class 2, Constant Current, 100-277VAC, 50-60Hz, 4kV, 1.1A,

**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:**

5.6% at 120V, 9.7% at 277V

**Power Factor:**

99.8% at 120V, 93% at 277V

### Construction

**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.

**Gaskets:**

High temperature silicone gaskets.

**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 25 ft.

### Other

**Equivalency:**

Equivalent to 250W HID fixtures at 25' mounting height. Replacement is 400W HID fixtures replacement at 35' mounting height, low activity warehouse.

**LOSBAY800 Sensor:**

360° White Lens (Installed) - 60 ft. diameter when mounted at 40 ft., Aisle Black Lens (included as option) - 60 ft. x 20 ft. wide.

**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.

**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.

**RAB**
LIGHTING

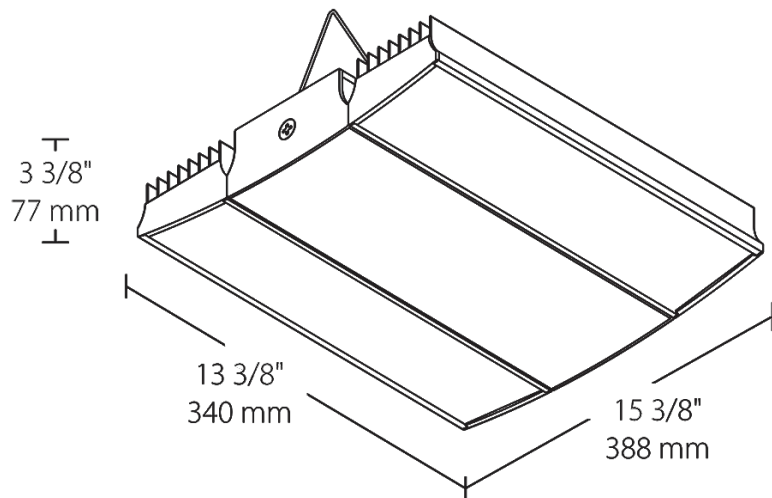## Technical Specifications (continued)

### Other

**GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

### Sensor Specifications

**Handheld Wireless Configuration Tool:**

Adjust settings using handheld wireless configuration tool. Only available with 0-10V dimming driver options.

### Dimensions

3 3/8"
77 mm

13 3/8"
340 mm

15 3/8"
388 mm

### 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

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