RAILP95NW/D10/LC

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. Available in 95, 150, 185 and 225 Watt versions with equivalencies from 200 to 400 Watt metal halide fixtures. Includes built in support for Lightcloud, a wireless lighting control system and service, fully developed by RAB.

Color: White   Weight: 20.7 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:	84 CRI
L70 Lifespan:	100000
Lumens:	9,835
Efficacy:	108 LPW

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Technical Specifications

Lightcloud

Lightcloud Installed:

Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

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.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: P2VX5BB9

LED Characteristics

Lifespan:

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

LEDs:

Long-life, high-efficiency surface mount 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 C78.377-2011.

Electrical

Driver:

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

Power Factor:

99.7% at 120V, 95.2% at 277V

Dimming Driver:

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

Construction

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.

Gaskets:

High temperature silicone gaskets.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains 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.

Recommended Mounting Height:

Up to 25 ft.

Other

Equivalency:

RAIL High Bay 95W LED is equivalent to 250W metal halide fixtures at 25' mounting height. RAIL High Bay 95W LED replacement is 400W metal halide fixtures replacement at 35' mounting height, low activity warehouse.

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.

Technical Specifications (continued)

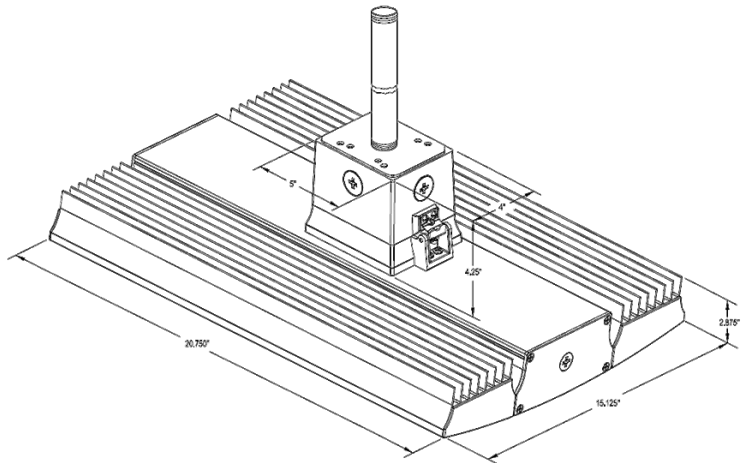### Other

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.

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RAB LIGHTING

Dimensions

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%
- Built in support Lightcloud™
- Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

Ordering Matrix

Family	Mount	Watts	Color Temp	Finish	Dimming	Lightcloud
RAIL	P	95	N	W	/D10	/LC
	P = Pendant or Surface	**95** = 95W	**Blank** = 5000K (Cool)	**W** = White	**Blank** = No Dimming	**/LC** = Lightcloud
		150 = 150W	**YN** = 3500K (Warm Neutral)		**/D10** = Dimmable	
		185 = 185W	**N** = 4000K (Neutral)			
		225 = 225W				