RAILP400YNW/D10/LOS

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: 46.9 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	400W
120V:	3.34A	Color Temp:	3500K
208V:	N/A	Color Accuracy:	83 CRI
240V:	N/A	L70 Lifespan:	100000
277V:	1.47A	Lumens:	49412
Input Watts:	400W	Efficacy:	123 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.

Replacement:

Replaces 400-1000W MH

Electrical

Driver:

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

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:

2.7% at 120V, 6.6% at 277V

Power Factor:

99.9% at 120V, 95.7% 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 ambient temperatures up to 45°C (113°F).

Housing:

Extruded aluminum

Lens:

High-transmittance polystyrene

Reflector:

Specular, high-reflectance aluminum with 95% reflectivity

Mounting:

Two pendant boxes: 3/4" clearance hole 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.

Recommended Mounting Height:

Optimal detection performance rated for up to 40 ft.

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.

Other

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.

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. *Optimal detection performance rated for up to 45 ft.

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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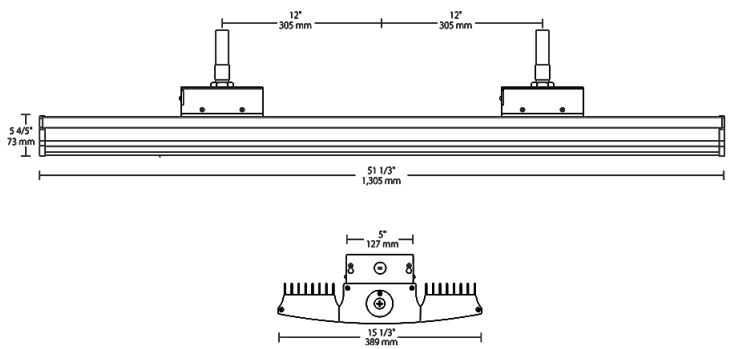
Dimensions



Features

- Ideal for large spaces
- Up to 63% less energy usage than equivalent 1000W MH fixture
- 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

Family	Wattage	Color Temp	Finish	Driver Options	Control Options
RAILP	400	YN	W	/D10	/LOS
	400 = 400W	**Blank** = 5000K (Cool) **N** = 4000K (Neutral) **YN** = 3500K (Warm Neutral)	**W** = White	**/D10** = 120-277V with 0-10V Dimming **/480/D10** = 480V with 0-10V Dimming	**Blank** = No Option **/BL** = Bi-Level Control (120-277V only) **/WS2** = Multi-Level Motion Sensor 20 ft (120-277V only)* **/WS4** = Multi-Level Motion Sensor 40 ft (120-277V only)* **/E2** = Emergency Battery Backup (120-277V only) **/LOS** = LOSBAY 800 Sensor (120-277V only)* **/LC** = Lightcloud® Controller (120-277V only) **/LCS** = Lightcloud® High Bay Sensor (120-277V only)*

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