RAIL400NW/D10/BL

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

Driver Info

Type:	Constant Current
120V:	3.34A
208V:	2.01A
240V:	1.74A
277V:	1.47A
Input Watts:	398W
Efficiency:	N/A

LED Info

Watts:	400W
Color Temp:	4000K
Color Accuracy:	78 CRI
L70 Lifespan:	100000
Lumens:	51879
Efficacy:	130 LPW

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: 42.4 lbs

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: POCXE31U

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, 208V: 2.01A, 240V: 1.74A, 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:

2.6% at 120V, 7.1% at 277V

Power Factor:

99.9% at 120V, 95.4% 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:

V hooks (chain by others)

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

Bi-Level:
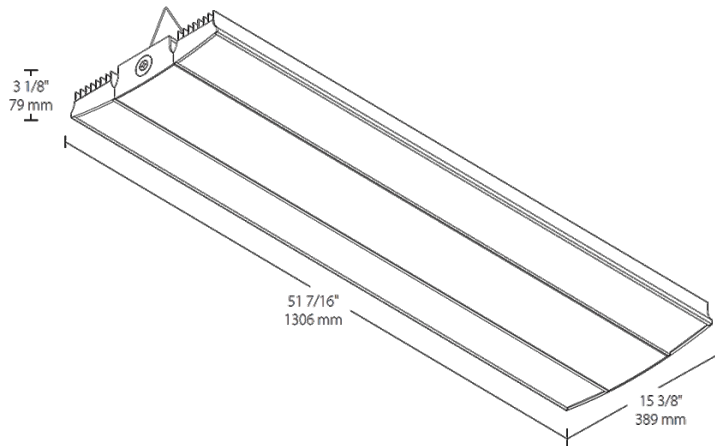
Allows 25%, 50% or 75% output modes.

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.

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.

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

Page 1 of 2

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Dimensions

3 1/8"
79 mm

51 7/16"
1306 mm

15 3/8"
389 mm

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
RAIL	400	N	W	/D10	/BL
	400 = 400W	**Blank** = 5000K (Cool)	**W** = White	**/D10** = 120-277V with 0-10V Dimming	**Blank** = No Option
		N = 4000K (Neutral)		**/480/D10** = 480V with 0-10V Dimming	**/BL** = Bi-Level Control (120-277V only)
		YN = 3500K (Warm Neutral)			**/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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Page 2 of 2