FALCOR230NW/480

RAB LIGHTING

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

Driver Info

		### LED Info	
Type:	Constant Current	Watts:	230W
120V:	N/A	Color Temp:	4000K (Neutral)
208V:	N/A	Color Accuracy:	74 CRI
240V:	N/A	L70 Lifespan:	100,000
277V:	N/A	Lumens:	20,683
Input Watts:	235W	Efficacy:	88 LPW
Efficiency:	98%		

230W LED High Bay fixture with over 10,000 lumens. Available in four head configuration. Ideal for large indoor spaces, including warehouses, gymnasiums, and distribution centers.

Color: White   Weight: 41.2 lbs

Technical Specifications

Listings

UL Listing:

Suitable for wet 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.

Optical

Optics:

120° downlight

Construction

Ambient Temperature:

Suitable for use in 55°C (131°F)

Thermal Management:

Superior thermal management with external Air-Flow fins.

Housing:

Die-cast aluminum.

IP Rating:

Luminaire heads are rated IP66, protected against dust and water ingress.

Lens:

Solite glass

Reflector:

Vacuum-metalized polycarbonate

Mounting:

Flush mount, V hook for chain mount (chain by others), or 3/4" NPS for pendant mount (pendant by others).

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, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

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 C78.377-2015.

Other

Equivalency:

FALCOR 230W is equivalent to 400 Watt MH.

California Title 24:

See FALCOR models with 0-10V dimming capability (/D10 suffix in catalog number) for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

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.

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.

GSA Schedule:

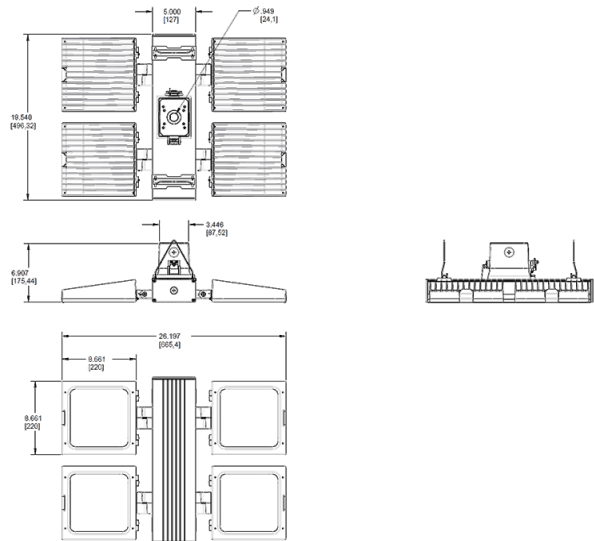Suitable in accordance with FAR Subpart 25.4.

Electrical

Power Factor:

96.8% at 120V

Technical Specifications (continued)

Electrical

THD:

13.9% at 120V

Dimensions

Features

High-output, high performance industrial high bay

IP66 rating keeps dust and water out

High ambient temperature rating of 55°C

Diffusion lens reduces glare

Multiple mounting options: pendant, surface or chain

100,000-Hour LED lifespan

5 Year warranty

Ordering Matrix

Family	Watts	Color Temp	Finish	Voltage	Dimming
FALCOR					
	230 = 230W	= 5000K (Cool)	**W** = White	= 120-277V	= No Dimming
		Y = 3000K (Warm)		**/480** = 480V	**/D10** = Dimmable
		N = 4000K (Neutral)			