FXLED300SFNB33/480



Ultra high output, high efficiency LED floodlight with NEMA Types: 7H x 6V, 6H x 4V, 4H x 6V, 5H x 5V and 3H x 3V. Patent Pending airflow technology ensures long LED and driver lifespan. Use for general and security lighting for large areas, building facades, signs and landscapes.

Color: Bronze

Weight: 66.1 lbs

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for ground mounting.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaries have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have been received the Department of Energy "Lighting Facts" label.

Electrical

Drivers:

Constant Current, 1050mA, 50/60 Hz, 347-480V, 4 kV surge protection, 480V: 0.70A, THD <20%, Power Factor: 99%

Ballast Volts:

480V

Optical

NEMA Type:

NEMA Beam Spread of 3H x 3V

LED Characteristics

Lifespan:

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

LEDs:

Multip-chip, high-output, long-life LEDs

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

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-

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water.

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

Effective Projected Area:

EPA = 4

Cold Weather Starting:

The minimum starting temperature is -40°C/-40°F

Thermal Management:

Superior thermal management with external Air-Flow fins

Housing:

Die-cast aluminum housing and door frame

Mounting:

Heavy-duty Slipfitter for 2 3/8"OD pipe.

Reflector:

Specular and semi-specular vacuum metalized polycarbonate

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. Polvester powder coat finish formulated without the use of VOC or toxic heavy metals.

Other

California Title 24:

See FXLED300SF/480/PCS4 (480V) 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

Replacement:

The FXLED300 replaces 1000W Metal Halide Floodlights.

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.



Project: Type: Prepared By: Date: **Driver Info** LED Info Constant Current Watts: 300W Type: 120V: N/A Color Temp: 4000K 208V N/A Color Accuracy: 82 CRI 240\/-N/A L70 Lifespan: 100000 277V: N/A Lumens: 30.201 96 LPW Input Watts: 315W Efficacy: Efficiency: 95%



2011.



Technical Specifications (continued)

Other

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:

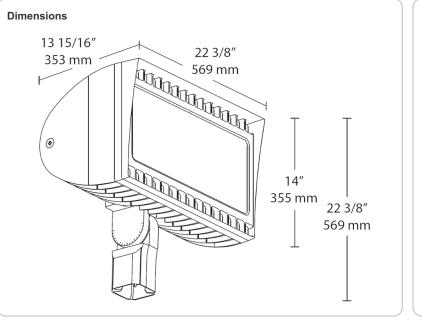
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

American Bureau of Shipping (ABS) :

For use on Mobile Offshore Drilling Units (MODU) and shipping vessels.



Features

300W replaces 1000 MH floodlights

- 100,000-hour LED lifespan
- 5-year No Compromise Warranty

Family	Watts	Mount	Color Temp	Beam Spread	Finish	Dimming	Voltage	Photocell	Bi-Level
FXLED									
	300 = 300W	SF = Slipfitter T =	N = 4000K (Neutral)	Blank = 7H x 6V B64 = 6H x 4V	Blank = Bronze W = White	Blank = No Dimming /D10 = Dimmable	Blank = 120- 277∨ /480 = 480∨	Blank = No Photocell /PCS = 120V Swivel /PCS2 = 277V Swivel /PCS4 = 480V Swivel /PCT = 120-277V Twistlock	Blank = No Bi- Level /BL = Bi-Level
		Trunnion		B55 = 5H x 5V					
				B46 = 4H x 6V B44 = 4H x 4V					
				B33 = 3H x 3V				/PCT4 = 480V Twistlock	