# FXLED200SFNB46/480/PCT4



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, 700mA, 50/60 Hz, 347-480V, 4 kV surge protection, 480V: 0.45A, THD <20%, Power Factor: 99%

#### Photocell:

480V Button Photocell Included. Photocell is only compatible with 480V.

# Optical

NEMA Type:

NEMA Beam Spread of 4H x 6V

# 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 C78.377-2011.

**Project:** 

**Driver Info** 

Type: 120V:

208V

240\/-

277V:

Input Watts:

Efficiency:

Prepared By:

# 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:

Constant Current

N/A

N/A

N/A

N/A

205W

98%

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.

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts:

#### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

## Other

## California Title 24:

See FXLED200SF/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 FXLED200 replaces 400W 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.



200W

4000K

82 CRI

100000

22,292

109 LPW



# **Technical Specifications (continued)**

# Other

# Recovery Act (ARRA) Compliant:

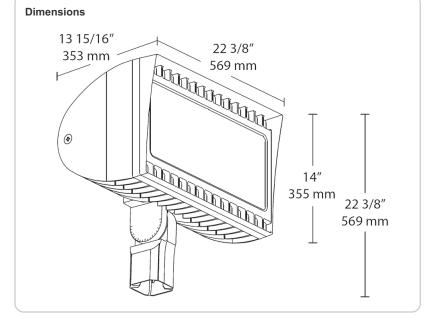
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

# **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.



#### Features

200W replaces 400 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									
	<b>200</b> = 200W	SF = Slipfitter T =	er (Cool) Y = 3000K (Warm)	<b>Blank</b> = 7H x 6V <b>B64</b> = 6H x 4V	Blank = Bronze W = White	Blank = No Dimming /D10 = Dimmable	Blank = 120- 277V /480 = 480V	Blank = No Photocell /PCS = 120V Swivel /PCS2 = 277V Swivel	Blank = No Bi- Level /BL = Bi-Level
		Trunnion		<b>B55</b> = 5H x 5V <b>B46</b> = 4H x 6V <b>B44</b> = 4H x 4V				/ <b>PCS4</b> = 480V Swivel / <b>PCT</b> = 120-277V Twistlock	
			<b>B33</b> = 3H x 3V				/PCT4 = 480V Twistlock		