# **FXLED200SF/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

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	200W
120V:	N/A	Color Temp:	5000K
208V:	N/A	Color Accuracy:	72 CRI
240V:	N/A	L70 Lifespan:	100000
277V:	N/A	Lumens:	27,005
Input Watts:	205W	Efficacy:	132 LPW
Efficiency:	98%		

## **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%

# **Ballast Volts:**

480V

### **Optical**

### **NEMA Type:**

NEMA Beam Spread of 7H 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:**

7-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

#### 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. 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.



# **Technical Specifications (continued)**

Other

### Recovery Act (ARRA) Compliant:

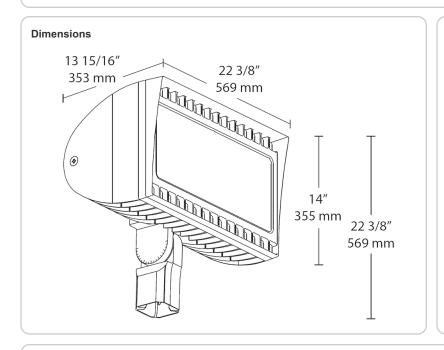
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

### **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	<b>SF</b> = Slipfitter	Blank = 5000K (Cool)	Blank = 7H x 6V	Blank = Bronze	Blank = No Dimming	<b>Blank</b> = 120- 277V	Blank = No Photocell /PCS = 120V Swivel	Blank = No B Level
		<b>T</b> = Trunnion	<b>Y</b> = 3000K (Warm) <b>N</b> = 4000K	<b>B64</b> = $6H \times 4V$ <b>B55</b> = $5H \times 5V$	W = White	<b>/D10</b> = Dimmable	/ <b>480</b> = 480V	/ <b>PCS2</b> = 277V Swivel / <b>PCS4</b> = 480V Swivel	/BL = Bi-Leve
			(Neutral)	<b>B46</b> = 4H x 6V				/PCT = 120-277V	
				<b>B44</b> = 4H x 4V				Twistlock	
				<b>B33</b> = $3H \times 3V$				/PCT4 = 480V Twistlock	