

# 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:

Type:

Prepared By:

Date:

## Driver Info

Type: Constant Current  
120V: N/A  
208V: N/A  
240V: N/A  
277V: N/A  
Input Watts: 205W  
Efficiency: 98%

## LED Info

Watts: 200W  
Color Temp: 5000K  
Color Accuracy: 72 CRI  
L70 Lifespan: 100000  
Lumens: 27,005  
Efficacy: 132 LPW

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations. Suitable for ground mounting.

#### 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 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:

Multi-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.

#### 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, and RoHS compliant. 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).

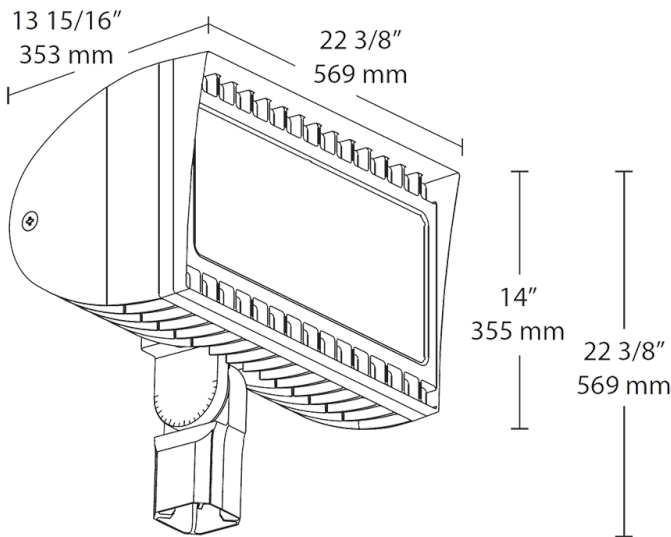
Trade Agreements Act Compliant:

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.

Dimensions



Features

- 200W replaces 400 MH floodlights
- 100,000-hour LED lifespan
- 5-year No Compromise Warranty

Ordering Matrix

| Family | Watts      | Mount                           | Color Temp                                                | Beam Spread                                                                                    | Finish                | Dimming                         | Voltage                   | Photocell                                                                                                                                 | Bi-Level                        |
|--------|------------|---------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FXLED  | 200 = 200W | SF = Slipfitter<br>T = Trunnion | = 5000K (Cool)<br>Y = 3000K (Warm)<br>N = 4000K (Neutral) | = 7H x 6V<br>B64 = 6H x 4V<br>B55 = 5H x 5V<br>B46 = 4H x 6V<br>B44 = 4H x 4V<br>B33 = 3H x 3V | = Bronze<br>W = White | = No Dimming<br>/D10 = Dimmable | = 120-277V<br>/480 = 480V | = No Photocell<br>/PCS = 120V Swivel<br>/PCS2 = 277V Swivel<br>/PCS4 = 480V Swivel<br>/PCT = 120-277V Twistlock<br>/PCT4 = 480V Twistlock | = No Bi-Level<br>/BL = Bi-Level |