# FXLED200SFYB64/480

**RAB** LIGHTING

| Project: | Type: |
|---|---|
| Prepared By: | Date: |

### Driver Info
| | |
|---|---|
| Type: | Constant Current |
| 120V: | N/A |
| 208V: | N/A |
| 240V: | N/A |
| 277V: | N/A |
| Input Watts: | 204W |
| Efficiency: | 98% |

### LED Info
| | |
|---|---|
| Watts: | 200W |
| Color Temp: | 3000K |
| Color Accuracy: | 81 CRI |
| L70 Lifespan: | 100000 |
| Lumens: | 22,421 |
| Efficacy: | 110 LPW |

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%

#### Ballast Volts:
480V

### Optical

#### NEMA Type:
NEMA Beam Spread of 6H x 4V

### 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.

### 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).
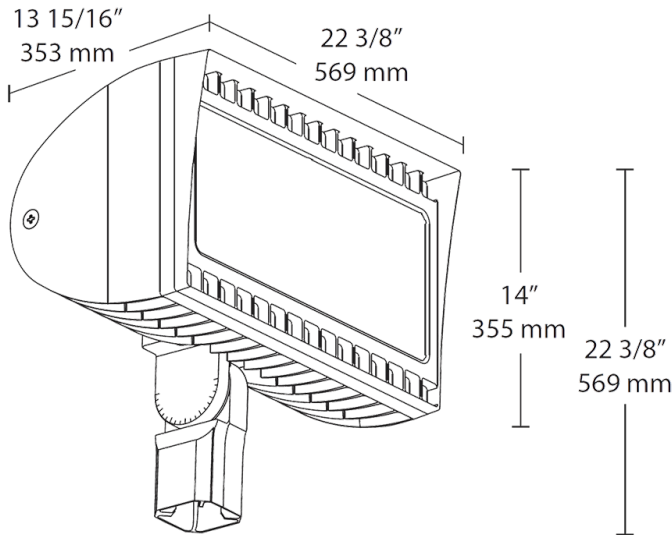
**Trade Agreements Act Compliant:**

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

13 15/16" 353 mm

22 3/8" 569 mm

14" 355 mm

22 3/8" 569 mm

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

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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