# FXLED300SFB64W/PCS

**RAB**
LIGHTING



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

### Driver Info

| | | ### LED Info | |
|---|---|---|---|
| Type: | Constant Current | Watts: | 300W |
| 120V: | 2.69A | Color Temp: | 5000K |
| 208V: | N/A | Color Accuracy: | 72 CRI |
| 240V: | N/A | L70 Lifespan: | 100000 |
| 277V: | N/A | Lumens: | 37,265 |
| Input Watts: | 316W | Efficacy: | 118 LPW |
| Efficiency: | 95% | | |

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: White          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.

**DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: P9UJVHKD

### Electrical

**Drivers:**

Constant Current, 1050mA, 50/60 Hz, 120-277V, 4 kV surge protection, 120V: 2.69A, 208V: 1.57A, 240V: 1.36A, 277V: 1.18A, THD <20%, Power Factor: 99%

**THD:**

7.0% at 120V, 10.9% at 277V

**Photocell:**

277V Swivel Photocell Included. Photocell is compatible with 208V-277V.

### 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:**

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 FXLED300SF/D10, FXLED300SF/BL, FXLED300/PCS or FXLED300SF/PCS2 (277V) 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.

## Technical Specifications (continued)

### Other

**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:**

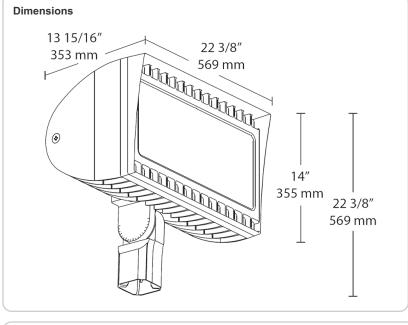This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

**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

300W replaces 1000 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 | | | | | | | | | |
| | **300** = 300W | **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**

Page 2 of 2