# FXLED300SFB64W/PCS2



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

Project: Prepared By:		Туре:	
		Date:	
Driver Info Type:	Constant Current	LED Info Watts:	300W

1200:	N/A	Color Temp:	5000K
208V:	1.57A	Color Accuracy:	72 CRI
240V:	1.36A	L70 Lifespan:	100000
277V:	1.18A	Lumens:	37,265
Input Watts:	316W	Efficacy:	118 LPW
Efficiency:	95%		

# **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.

### **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 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.

#### American Bureau of Shipping (ABS) :

For use on Mobile Offshore Drilling Units (MODU) and shipping vessels.

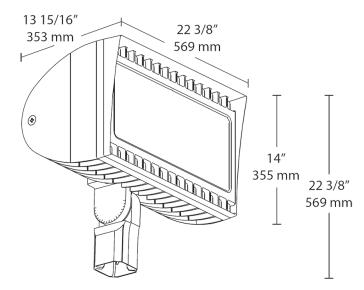
### Features

300W replaces 1000 MH floodlights

100,000-hour LED lifespan

5-year No Compromise Warranty

# Dimensions



#### **Ordering Matrix** Photocell Family Watts Mount Color Temp Beam Spread Finish Dimming Voltage **Bi-Level FXLED** 300 =SF = Blank = 5000K Blank = 7H x Blank = No Blank = 120-Blank = No Photocell Blank = No Bi-Blank = 300W Slipfitter 6V Bronze Dimming 277V Level (Cool) /PCS = 120V Swivel Т= Y = 3000K (Warm) B64 = 6H x 4V W = White /D10 = Dimmable /480 = 480V /BL = Bi-Level /PCS2 = 277V Swivel Trunnion **N** = 4000K **B55** = 5H x 5V /PCS4 = 480V Swivel (Neutral) **B46** = 4H x 6V /PCT = 120-277V **B44** = 4H x 4V Twistlock **B33** = 3H x 3V /PCT4 = 480V Twistlock