# FXLED300SFYB46W/BL





Project:		Туре:	Туре:		
Prepared	Ву:	Date:			
Driver Info		LED Info			
Туре:	Constant Current	Watts:	300W		
120V:	2.69A	Color Temp:	3000K		
208V:	1.57A	Color Accuracy:	81 CRI		
240V:	1.36A	L70 Lifespan:	100000		
277V:	1.18A	Lumens:	28,366		
Input Watts:	313W	Efficacy:	91 LPW		
Efficiency:	96%				

Color: White

Weight: 66.1 lbs



## 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: PXCSZKJS

#### 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, 10.8% at 277V

Optical

# NEMA Type:

NEMA Beam Spread of 4H 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:**

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.

#### **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:

FXLED300SF/BL with bi-level operation complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 30 Watts mounted up to 24 feet when used with a RAB photo/motion control. Select a photo/motion control using catalog number STL110, STL300 or STL360. Mounting heights greater than 24 feet require only a photocell. See FXLED300SF/PCS or FXLED300SF/PCS2 (277V) for photocell versions.

#### **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.

#### **Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

# **Technical Specifications (continued)**

#### Other

#### **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.

#### FXLED300 with Bi-Level Operation:

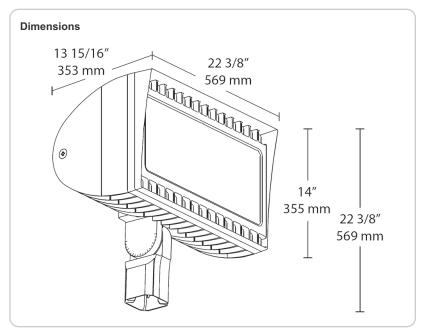
Allows 50% and 100% output modes.

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

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



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# Features

300W replaces 1000 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>300</b> = 300W	SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	<b>B55</b> = 5H x 5V	Blank = Bronze W = White	Blank = No Dimming /D10 = Dimmable	Blank = 120- 277∨ /480 = 480∨	/PCS = 120V Swivel	Blank = No Bi Level /BL = Bi-Leve
			(redutal)	<b>B46</b> = 4H x 6V <b>B44</b> = 4H x 4V <b>B33</b> = 3H x 3V					

