# FXLED300TNB46W/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

Suitable for wet locations. Suitable for ground

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.

This product is on the Design Lights Consortium (DLC)

Qualified Products List and is eligible for rebates from

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%

277V Swivel Photocell Included. Photocell is

**Technical Specifications** 

IESNA LM-79 & LM-80 Testing:

Listings

mounting.

**UL Listing:** 

**DLC Listed:** 

Electrical

Drivers:

THD:

Photocell:

Optical

**NEMA** Type:

**DLC** Member Utilities.

DLC Product Code: PHBSG5W3

6.8% at 120V. 10.6% at 277V

compatible with 208V-277V.

NEMA Beam Spread of 4H x 6V

**LED Characteristics** 

Weight: 66.1 lbs

Project	:	Туре:				
Prepare	ed By:	Date:				
Driver Info		LED Info				
Type:	Constant Current	Watts:	300W			
120V:	N/A	Color Temp:	4000K			
208V:	1.57A	Color Accuracy:	82 CRI			

# **Color Consistency:**

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

240\/-

277V:

Input Watts:

Efficiency:

1.36A

1.18A

315W

95%

### **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 Trunnion mount with stainless steel hardware

L70 Lifespan:

Lumens:

Efficacy:

100000

30,195

96 LPW

#### **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

#### **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:

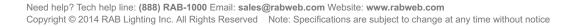
Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

# Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### LEDs:

Multip-chip, high-output, long-life LEDs



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# **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:**

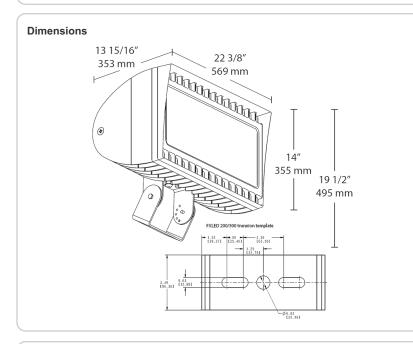
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### 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.



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