# FXLED300TNB33





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

Project:		Туре:	Туре:			
Prepared	Ву:	Date:				
Driver Info		LED Info				
Туре:	Constant Current	Watts:	300W			
120V:	2.69A	Color Temp:	4000K			
208V:	1.57A	Color Accuracy:	82 CRI			
240V:	1.36A	L70 Lifespan:	100000			
277V:	1.18A	Lumens:	30,201			
Input Watts: Efficiency:	315W 95%	Efficacy:	96 LPW			

# **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: P652CBP4

# 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:

6.8% at 120V. 10.7% at 277V

#### Optical

NEMA Type:

# NEMA Beam Spread of 3H x 3V

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 Trunnion mount with stainless steel hardware

#### 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

#### 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.

# **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:**

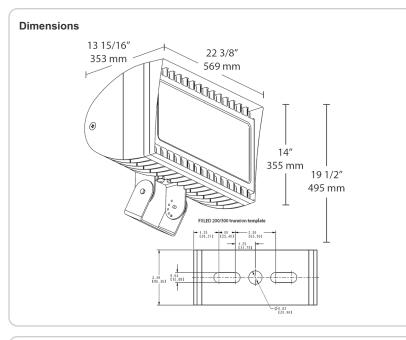
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

# **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

#### 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

Ordering	Matrix
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Family	Watts	Mount	Color Temp	Beam Spread	Finish	Dimming	Voltage	Photocell	Bi-Level
FXLED									
	<b>300</b> = 300W	<b>SF</b> = Slipfitter	Blank = 5000K (Cool)	<b>Blank</b> = 7H x 6V	<b>Blank</b> = Bronze	<b>Blank</b> = No Dimming	<b>Blank</b> = 120- 277V	Blank = No Photocell /PCS = 120V Swivel	Blank = No Bi- Level
		T =	$\mathbf{N} = 4000 \mathrm{K}$	<b>B64</b> = 6H x 4V	5 = 5H x 5V	<b>/D10</b> = Dimmable	<b>/480</b> = 480V	/PCS2 = 277V Swivel /	<b>/BL</b> = Bi-Level
		Trunnion		<b>B55</b> = 5H x 5V				/PCS4 = 480V Swivel	
			(Neutral)	<b>B46</b> = 4H x 6V				<b>/PCT</b> = 120-277V	
				<b>B44</b> = 4H x 4V				Twistlock	
				<b>B33</b> = 3H x 3V				/PCT4 = 480V Twistlock	