# FXLED300TYB64W/480/PCS4



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:	Туре:	
Prepared By:	Date:	
Driver Info	LED Info	2001/4

Type:	Constant Current	vvatts:	30000	
120V:	N/A	Color Temp:	3000K	
208V:	N/A	Color Accuracy:	81 CRI	
240V:	N/A	L70 Lifespan:	100000	
277V:	N/A	Lumens:	31,180	
Input Watts:	314W	Efficacy:	99 LPW	
Efficiency:	96%			

## **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.

#### Electrical

### Drivers:

Constant Current, 1050mA, 50/60 Hz, 347-480V, 4 kV surge protection, 480V: 0.70A, THD <20%, Power Factor: 99%

#### **Ballast Volts:**

480V

#### Photocell:

480V Swivel Photocell Included. Photocell is only compatible with 480V.

## 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:**

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:**

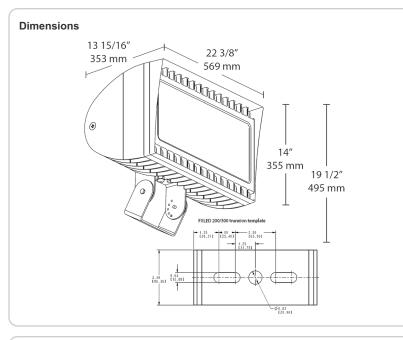
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

## 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

Family	Watts	Mount	Color Temp	Beam Spread	Finish	Dimming	Voltage	Photocell	Bi-Level
FXLED									
	300 =	SF =	<b>Blank</b> = 5000K	Blank = 7H x	Blank =	Blank = No	Blank = 120-	Blank = No Photocell	Blank = No Bi-
	300W	Slipfitter	(Cool)	6V	Bronze	Dimming	277V	/PCS = 120V Swivel	Level
		T =	<b>Y</b> = 3000K (Warm)	0K (Warm) <b>B64</b> = 6H x 4V V	W = White /D10 = Dimmable	<b>/480</b> = 480V	/PCS2 = 277V Swivel	/BL = Bi-Level	
		Trunnion	N - 4000K	<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	