FXLED300TN





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:				
Prepared	By:	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:	34,800			
Input Watts:	316W	Efficacy:	110 LPW			
Efficiency:	95%					

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for ground mounting.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

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, 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, 11.0% at 277V

Optical

NEMA Type:

NEMA Beam Spread of 7H 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 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:

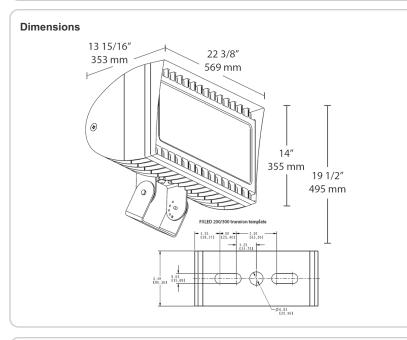
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

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 =	Blank = 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 =		B64 = 6H x 4V	W = White	/D10 = Dimmable	/480 = 480V	/PCS2 = 277V Swivel	/BL = Bi-Level
		Trunnion		B55 = 5H x 5V				/PCS4 = 480V Swivel	
				B46 = 4H x 6V				/PCT = 120-277V	
				B44 = 4H x 4V				Twistlock	
				B33 = 3H x 3V				/PCT4 = 480V Twistlock	