FXLED300TYB46W/D10



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%

Driver includes dimming control for 0-10V dimming

systems. Requires separate 0-10V DC dimming circuit.

Technical Specifications

IESNA LM-79 & LM-80 Testing:

Listings

mounting

UL Listing:

DLC Listed:

Electrical

Drivers:

THD:

DLC Member Utilities

DLC Product Code: PHS72HQZ

7.0% at 120V. 10.8% at 277V

NEMA Beam Spread of 4H x 6V

LED Characteristics

Dimming Driver:

Dims as low as 10%.

Weight: 66.1 lbs

Project		Type: Date:			
Prepare	ed By:				
Driver Int	fo	LED Info			
Type:	Constant Current	Watts:	300W		
120V:	2.69A	Color Temp:	3000K		
208V:	1.57A	Color Accuracy:	81 CRI		

Color Consistency: 3-step MacAdam Ellipse binning to achieve consistent

fixture-to-fixture color.

240V:

277V:

Input Watts:

Efficiency:

1.36A

1.18A

313W

96%

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

=PA = 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:

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:

NEMA Type:

Optical

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

LEDs:

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

Need help? Tech help line: (888) RAB-1000 Email: sales@rabweb.com Website: www.rabweb.com Copyright © 2014 RAB Lighting Inc. All Rights Reserved Note: Specifications are subject to change at any time without notice



100000

28.366

91 LPW

FXLED300TYB46W/D10



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:

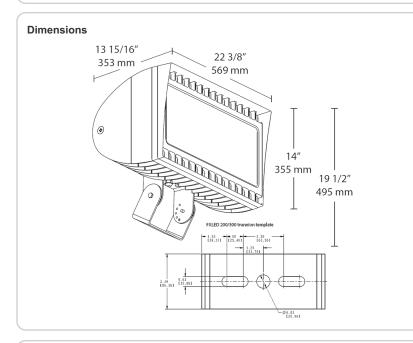
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

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

Ordering	Matrix
e	

Family	Watts	Mount	Color Temp	Beam Spread	Finish	Dimming	Voltage	Photocell	Bi-Level
FXLED									
	300 = 300W	SF = Slipfitter	= 5000K (Cool)	= 7H x 6V	= Bronze	= No Dimming	= 120-277V	= No Photocell	= No Bi-Leve
		T = Trunnion	Y = 3000K (Warm)	B64 = 6H x 4V	W = White	/D10 = Dimmable	/ 480 = 480V	/PCS = 120V Swivel	/BL = Bi-Lev
			N = 4000K (Neutral)	B55 = 5H x 5V				/PCS2 = 277V Swivel	
				B46 = 4H x 6V				/PCS4 = 480V Swivel	
				B44 = 4H x 4V				/PCT = 120-277V Twistlock	
				B33 = 3H x 3V				/PCT4 = 480V Twistlock	