# FXLED200TB46/480/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: Bronze

Weight: 66.1 lbs

# **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, 700mA, 50/60 Hz, 347-480V, 4 kV surge protection, 480V: 0.45A, THD <20%, Power Factor: 99%

#### Photocell:

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

## Optical

#### **NEMA Type:**

NEMA Beam Spread of 4H 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:

7-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 FXLED200 replaces 400W 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.

## 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).



**Project:** Type: Prepared By: Date: **Driver Info** LED Info Constant Current Watts: 200W Type: 120V: N/A Color Temp: 5000K 208V N/A Color Accuracy: 72 CRI 240\/-100000 N/A L70 Lifespan: 277V: N/A Lumens: 24,457 Input Watts: 203W Efficacy: 120 LPW Efficiency: 98%



# **Technical Specifications (continued)**

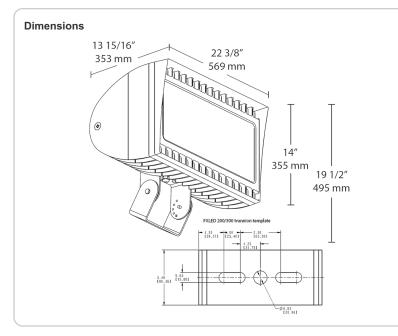
## Other

## Trade Agreements Act Compliant:

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

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



# Features

200W replaces 400 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									
	<b>200</b> = 200W	SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = 7H x 6V B64 = 6H x 4V B55 = 5H x 5V B46 = 4H x 6V	Blank = Bronze W = White	Blank = No Dimming /D10 = Dimmable	Blank = 120- 277V /480 = 480V	Blank = No Photocell /PCS = 120V Swivel /PCS2 = 277V Swivel /PCS4 = 480V Swivel /PCT = 120-277V	Blank = No Bi- Level /BL = Bi-Level
				<b>B44</b> = 4H x 4V <b>B33</b> = 3H x 3V				Twistlock /PCT4 = 480V Twistlock	