# FXLED200TYW/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:

<b>Driver Info</b>		LED Info			
Type:	Constant Current	Watts:	200W		
120V:	N/A	Color Temp:	3000K		
208V:	N/A	Color Accuracy:	81 CRI		
240V:	N/A	L70 Lifespan:	100000		
277V:	N/A	Lumens:	23,050		
Input Watts:	204W	Efficacy:	113 LPW		
Efficiency:	98%				

# **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 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.

# **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, and RoHS compliant. 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).

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# **Technical Specifications (continued)**

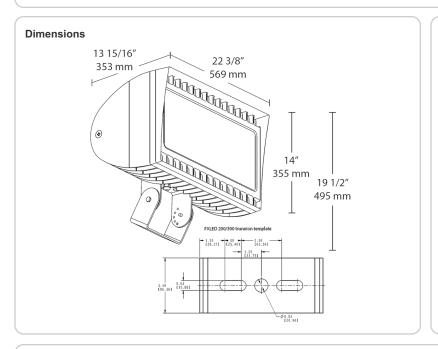
Other

# GSA Schedule:

# **Trade Agreements Act Compliant:**

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

Suitable in accordance with FAR Subpart 25.4.



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