FXLED200SF/BL

RAB
LIGHTING

Project:	**Type:**
Prepared By:	**Date:**

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

Driver Info

Type:	Constant Current
120V:	1.72A
208V:	1.03A
240V:	0.89A
277V:	0.77A
Input Watts:	205W
Efficiency:	98%

LED Info

Watts:	200W
Color Temp:	5000K
Color Accuracy:	72 CRI
L70 Lifespan:	100000
Lumens:	27,005
Efficacy:	132 LPW

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, 120-277V, 4 kV surge protection, 120V: 1.72A, 208V: 1.03A, 240V: 0.89A, 277V: 0.277A, THD <20%, Power Factor: 99%

THD:
4.4% at 120V, 10.2% 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:
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.

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 Slipfitter for 2 3/8"OD pipe.

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

California Title 24:
FXLED200SF/BL with bi-level operation complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 30 Watts mounted up to 24 feet when used with a RAB photo/motion control. Select a photo/motion control using catalog number STL110, STL200 or STL360. Mounting heights greater than 24 feet require only a photocell. See FXLED200SF/PCS or FXLED200SF/PCS2 (277V) for photocell versions.

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.

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.
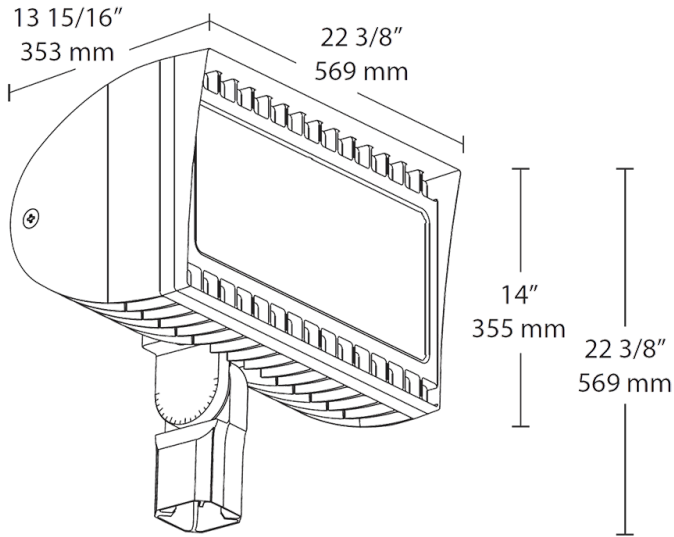
GSA Schedule:
Suitable in accordance with FAR Subpart 25.4.

FXLED200 with Bi-Level Operation:
Allows 50% and 100% output modes.

FXLED200SF/BL

RAB LIGHTING

Dimensions

13 15/16″
353 mm

22 3/8″
569 mm

14″
355 mm

22 3/8″
569 mm

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									
	200 = 200W	**SF** = Slipfitter	= 5000K (Cool)	= 7H x 6V	= Bronze	= No Dimming	= 120-277V	= No Photocell	= No Bi-Level
		T = Trunnion	**Y** = 3000K (Warm)	**B64** = 6H x 4V	**W** = White	**/D10** = Dimmable	**/480** = 480V	**/PCS** = 120V Swivel	**/BL** = Bi-Level
			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	