FXLED200SF USA

RAB LIGHTING

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

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:	27005
Efficacy:	132 LPW

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: 65.0 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.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: P2R2BZMX

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 C78.377-2017.

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:

Minimum starting temperature is -40°C (-40°F)

Thermal Management:

Superior thermal management with external "Air-Flow" fins.

Lens:

Tempered glass lens.

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:

Formulated for high-durability and long lasting color.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Other

California Title 24:

See FXLED200SF/D10, FXLED200SF/BL, FXLED200/PCS or FXLED200SF/PCS2 (277V) for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

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.

Replacement:

Replaces 400W Metal Halide

Technical Specifications (continued)
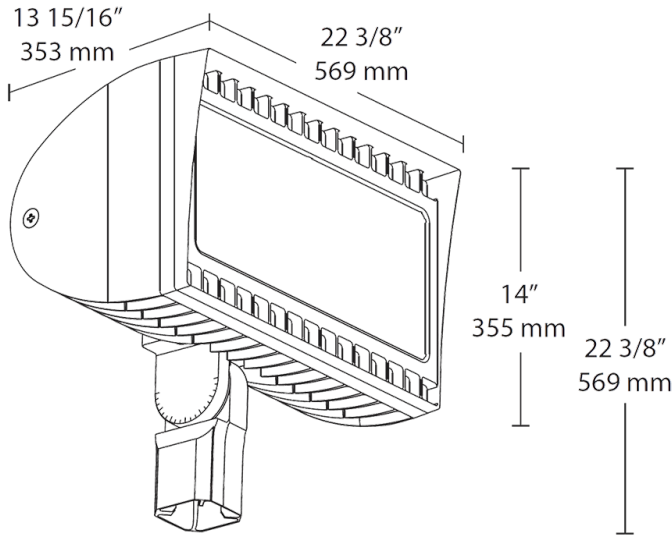
Other

FTC Country of Origin:

This product was assembled in the USA by RAB using imported components.

Buy American Act Compliance:

This product complies with the Buy American Act.

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	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver Options	Options
FXLED	200	SF					
	200 = 200W **300** = 300W	**SF** = Slipfitter **T** = Trunnion	**Blank** = 5000K (Cool) **N** = 4000K (Neutral) **Y** = 3000K (Warm)	**Blank** = 7H x 6V **B64** = 6H x 4V **B55** = 5H x 5V **B33** = 3H x 3V **B46** = 4H x 6V	**Blank** = Bronze **W** = White	**Blank** = 120V **/480** = 480V **/BL** = Bi-Level (Slipfitters only) **/D10** = 0-10V Dimming	**Blank** = No option **/PCS** = 120V Swivel **/PCS2** = 277V Swivel **/PCT** = 120-277V Twistlock **/PCT4** = 480V Twistlock **/PCS4** = 480V Swivel **/LC** = Lightcloud® Controller

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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