FXLED125SF USA

RAB LIGHTING

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

Driver Info
Type:	Constant Current
120V:	1.12A
208V:	0.70A
240V:	0.61A
277V:	0.52A
Input Watts:	132W
Efficiency:	94%

LED Info
Watts:	125W
Color Temp:	5000K
Color Accuracy:	72 CRI
L70 Lifespan:	100000
Lumens:	16951
Efficacy:	128 LPW

Ultra high output, high efficiency LED floodlight with wide NEMA type 6H x 6V beam spread. 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: 25.6 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: P0000176D

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 = 2

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, 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.

Electrical

Drivers:

Two Drivers, Constant Current, Class 2, 1750mA, 100-277V, 50/60Hz, 1.1A, Power Factor 99%

THD:

5.1% at 120V, 16.5% at 277V

Power Factor:

99.4% at 120V, 91.8% at 277V

Optical

NEMA Type:

NEMA Beam Spread of 6H x 6V

Sensor Characteristics

Field & Beam Angles:

Horizontal Beam Angle (50%): 91.8°, Vertical Beam Angle (50%): 73.5° Horizontal Field Angle (10%): 121.0°, Vertical Field Angle (10%): 108.0°

Other

California Title 24:

See FXLED125SF/D10, FXLED125SF/BL, FXLED105SF/PCT 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.

Technical Specifications (continued)

Other

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.

Patents:

The design of FXLED125 is protected by patents pending in US, Canada, China, Taiwan and Mexico.

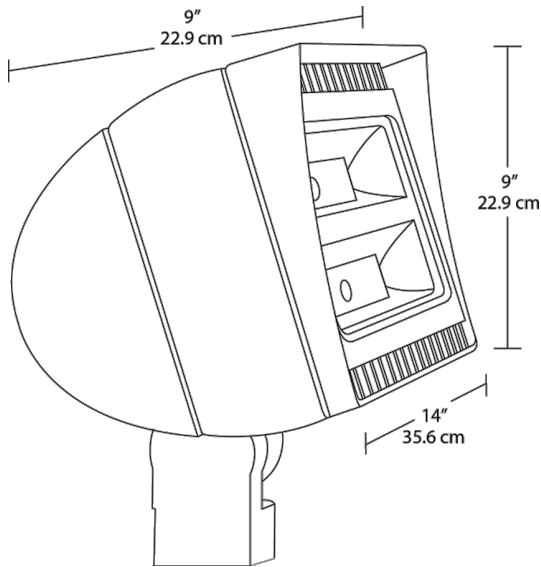**Replacement:**

Replaces 320W Metal Halide

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

Features

66% energy cost savings vs. HID

NEMA Type - 6H x 6V

Air-Flow technology heat dissipation

100,000-hour LED lifespan

5-year warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Finish	Driver	Photocell Options
FXLED	125	SF				

78 = 78W	**SF** = Slipfitter	**Blank** = 5000K (Cool)	**Blank** = Bronze	**/480** = 480V	**Blank** = No Option
105 = 105W	**T** = Trunnion	**N** = 4000K (Neutral)	**W** = White	**/BL** = Bi-Level (Slipfitter models only)	**/PCT** = 100-277V Twistlock
125 = 125W		**Y** = 3000K (Warm)		**/D10** = 0-10V Dimming (78W, 125W and 150W only)	**/PCT4** = 480V Twistlock
150 = 150W					

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

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