FXLED125SFW/480/PCS4

RAB
LIGHTING

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

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: White   Weight: 25.0 lbs

Driver Info

Type:	Constant Current
120V:	N/A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	N/A
Efficiency:	N/A

LED Info

Watts:	125W
Color Temp:	5000K (Cool)
Color Accuracy:	65 CRI
L70 Lifespan:	100,000
Lumens:	13,169
Efficacy:	N/A

Technical Specifications

Other

FXLED125 with Photocell:

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

California Title 24:

FXLED125SF/480/PCS4 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 30 Watts mounted at height greater than 24 feet.

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.

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).

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.

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.

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 = 2

Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

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, 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.

Technical Specifications (continued)

Construction

Green Technology:

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

Electrical

Drivers:

Two Drivers, Constant Current, Class 2, 1750mA, 347-480V, 50/60Hz, 0.30A, Power Factor 99%

Ballast Volts:

480V

Optical

NEMA Type:

NEMA Beam Spread of 6H x 6V

Replacement:
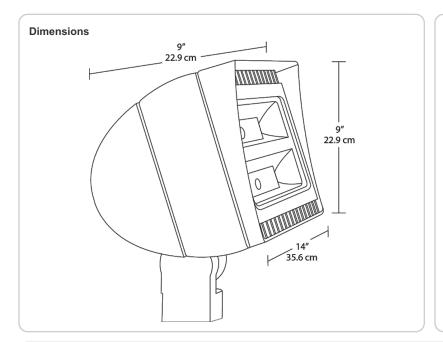
The FXLED125 replaces 320W Metal Halide Floodlights.

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°

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

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RAB LIGHTING

Dimensions

9"
22.9 cm

9"
22.9 cm

14"
35.6 cm

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	Watts	Mount	Color Temp	Finish	Dimming Driver	Photocell	Voltage	Bi-Level
FXLED								
	125 = 125W	**T** = Trunnion	**Blank** = Cool	**Blank** = Bronze	**Blank** = No Dimming	**Blank** = No Photocell	**Blank** = 120-277V	**Blank** = No Bi-Level
		SF = Slipfitter	**Y** = Warm	**W** = White	**/D10** = 0-10V Dimming	**/PCS** = 120V Swivel	**/480** = 480V	**/BL** = Bi-Level
			N = Neutral			**/PCS2** = 277V Swivel		
						/PCS4 = 480V Swivel		