# FXLED125SFYW/480

**RAB** LIGHTING

| Project: | Type: |
|---|---|
| **Prepared By:** | **Date:** |

### 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: | 3000K (Warm) |
| Color Accuracy: | 80 CRI |
| L70 Lifespan: | 100,000 |
| Lumens: | 10,993 |
| Efficacy: | N/A |

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

## 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.

### 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 = 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.

**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°

### Other

**California Title 24:**

See FXLED125SF/480/PCS4 (480V) 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.

**Patents:**

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

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LIGHTING

## Technical Specifications (continued)

### Other

#### 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).
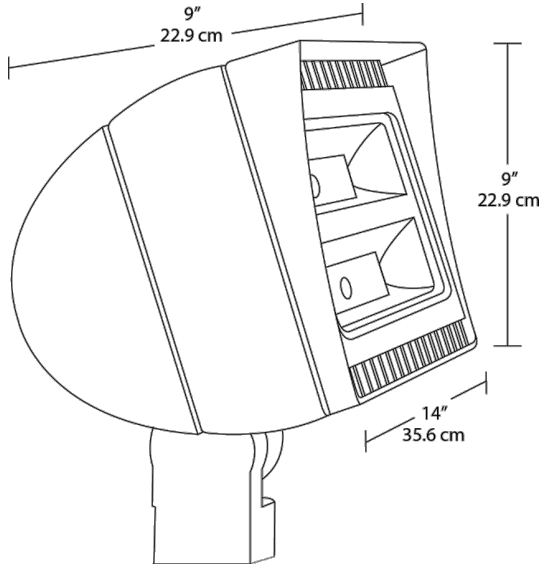
#### Trade Agreements Act Compliant:

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.

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

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

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