FXLED150SFY/D10





| Project: | | Туре: | |
|--------------|------------------|-----------------|--------------|
| Prepared | Ву: | Date: | |
| Driver Info | | LED Info | |
| Туре: | Constant Current | Watts: | 150W |
| 120V: | 1.31A | Color Temp: | 3000K (Warm) |
| 208V: | 0.80A | Color Accuracy: | 80 CRI |
| 240V: | 0.69A | L70 Lifespan: | 100,000 |
| 277V: | 0.60A | Lumens: | 11,690 |
| | 154W | Efficacy: | 76 LPW |
| Input Watts: | | | |

Technical Specifications

Other

FXLED150SF with Dimmable Driver:

Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

California Title 24:

FXLED150SF/D10 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture > 30 Watts mounted up to 24 feet when used with the RAB Stealth Dimmer.

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 FXLED150 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:

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.

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, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

THD:

5.1% at 120V, 13.4% at 277V

Optical

NEMA Type:

NEMA Beam Spread of 6H x 6V

Replacement:

The FXLED150 replaces 400W Metal Halide Floodlights.

Sensor Characteristics

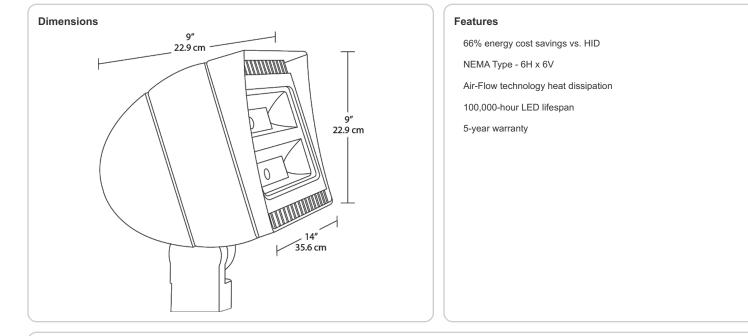
Field & Beam Angles:

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



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| Family | Watts | Mount | Color Temp | Finish | Dimming Driver | Photocell | Voltage | Bi-Level |
|--------|-------------------|---------------------------------|---|-----------------------------|--|--|---------------------------------|-------------------------------------|
| FXLED | | | | | | | | |
| | 150 = 150W | T = Trunnion SF = Slipfitter | Blank = Cool Y = Warm N = Neutral | Blank = Bronze W = White | Blank = No Dimming /D10 = 0-10V Dimming | Blank = No Photocell /PCS = 120V Swivel /PCS2 = 277V Swivel /PCS4 = 480V Swivel | Blank = 120-277∨ /480 = 480∨ | Blank = No Bi-Lev /BL = Bi-Level |