FFLED39YB44W/480



Rectangular shaped LED floodlight designed to replace 150W Metal Halide. Patent Pending airflow technology ensures long LED and driver lifespan. Use for building facade lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: White

Suitable For Wet Locations. Suitable for mounting

independent laboratory in accordance with IESNA LM-

79 and LM-80, and have received the Department of

100.000-hour LED lifespan based on IES LM-80

Two multi-chip, 26Watt high performance LEDs.

Technical Specifications

within 1.2M(4FT) of the ground.

Energy "Lighting Facts" label.

LED Characteristics

Lifespan:

LEDs:

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an

Listings

UL Listing:

Weight: 12.5 lbs

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

Superior heat sinking with external Air-Flow fins.

Housing:

Die-cast aluminum housing, lens frame and mounting arm.

Mounting:

Heavy-duty mounting arm with O ring seal & stainless steel screw.

Effective Projected Area:

High-temperature silicone gaskets.

EPA = 0.65

Reflector:

Gaskets:

Finish:

Specular polycarbonate

Green Technology:

Mercury and UV free.

Color Consistency:

fixture-to-fixture color.

than 200K in CCT over a 5 year period.

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2008.

Construction

IP Rating:

Suitable for use in 40°C ambient temperatures.

Cold Weather Starting:

Thermal Management Housing:

Our environmentally friendly polyester powder coatings

are formulated for high-durability and long-lasting

color, and contains no VOC or toxic heavy metals.

results and TM-21 calculations.

3-step MacAdam Ellipse binning to achieve consistent

Color Stability:

LED color temperature is warrantied to shift no more

Color Uniformity:

Ingress Protection rating of IP65 for dust and water. **Ambient Temperature:**

Project: Type: **Prepared By:** Date: **Driver Info** LED Info Constant Current Watts: 39W Type: N/A Color Temp:

120V: 3000K (Warm) 208V: N/A Color Accuracy: 82 CRI 240V: N/A L70 Lifespan: 100,000 277V: N/A Lumens: 3,405 Input Watts: 41W Efficacy: 84 LPW Efficiency: 96%

Electrical

Driver[.]

Constant Current, class 2, 100-277V, 50/60 Hz, 6 kV surge protection, 480V: 0.08A, 347V: 0.08A

Surge Protection:

4kV

Other

Threaded Size:

1/2" threaded arm.

Equivalency:

The FFLED39YB44 is equivalent in delivered lumens to a 150W Metal Halide.

California Title 24:

Select an FFLED39YB44 model equipped with a 0-10V driver (look for /D10 in the catalog #) for a 2013 California Title 24 compliant model.

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 FFLED design is protected by U.S. Pat. D643,147, Canada Pat. 140798, China Pat. ZL201130171304.1, Mexico Pat. 36757 and pending patent in Taiwan.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.



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Technical Specifications (continued)

Other

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.

Optical

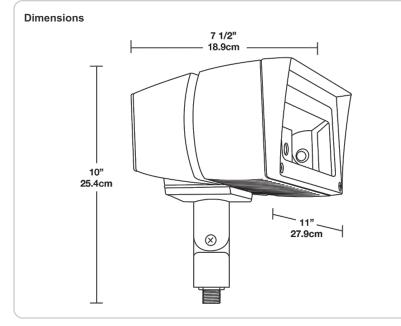
NEMA Type:

NEMA Beam Spread of 4H x 4V

Features

Ultra efficient LED and optical design

- Replaces 150W MH floodlights
- 100,000 hour life based on LM-80 tests
- Air-flow technology heatsink
- 5-year warranty



Ordering Matrix Dimming Family Watts Mount Color Temp Beam Spread Finish Voltage Photocell **FFLED 39** = 39W Blank = Arm Blank = Cool Blank = 7H x 6V Blank = Bronze Blank = No Dimming Blank = 120-277V Blank = No Photocell /480 = 480 Volt T = Trunnion Y = Warm **B44** = 4H x 4V W = White /D10 = Dimmable /PC = 120V Button SF = Slipfitter N = Neutral **B55** = 5H x 5V /PC2 = 240V Button /PCS = 120V Swivel /PCS2 = 240V Swivel