# FFLED39SFNW/PCS



39W

4000K

83 CRI

100000

3.902 96 LPW



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. Weight: 12.5 lbs

Color: White

# **Technical Specifications**

# Electrical

### Photocell<sup>1</sup>

120V Swivel Photocell Included. Photocell is only compatible with 120V.

#### Driver:

Constant Current, Class 2, 1050mA, 100-277V, 50/60Hz, 0.6A, Power Factor 99%

# THD:

9.9% at 120V, 7.6% at 277V

Surge Protection:

4kV

# Listings

**UL Listing:** 

Suitable For Wet Locations. Suitable for ground mounting

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have 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: P0000173J

#### Optical

#### Lumen Maintenance:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### **NEMA Type:**

NEMA Beam Spread of 7H x 6V

#### Construction

### **IP Rating:**

Ingress Protection rating of IP65 for dust and water.

#### **Ambient Temperature:**

Suitable for use in 40°C ambient temperatures.

#### **Cold Weather Starting:**

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

## **Thermal Management Housing:**

Superior heat sinking with external Air-Flow fins.

# Mounting:

Heavy-duty Slip Fitter for 2 3/8" OD pipe.

#### **Effective Projected Area:**

EPA = 0.75

# **Reflector:**

Specular vacuum-metallized 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. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts

## **Threaded Size:**

1/2" threaded arm.

**LED Characteristics** 

#### LEDs:

Constant Current

0.35A

N/A

N/A

N/A

41W

96%

Two multi-chip, 26Watt high performance 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 (SSL) Products, ANSI C78.377-2015.

# Other

# Equivalency:

The FFLED39 is Equivalent in delivered lumens to a 150W Metal Halide.

#### California Title 24:

Select an FFLED39N model equipped with 0-10V driver (look for /D10 in the catalog #) for a 2013 California Title 24 compliant model.

Project:

**Driver Info** 

Type:

120V:

208V:

240V:

277V:

Input Watts:

Efficiency:

Prepared By:



# **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 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.

7.375

### **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:

12.500

2.800 (71,12)

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.

#### American Bureau of Shipping (ABS) :

For use on Mobile Offshore Drilling Units (MODU) and shipping vessels.

#### Dimensions

#### Features

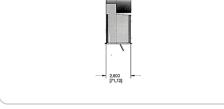
Ultra efficient LED and optical design

Replaces 150W MH floodlights

100,000 hour life based on LM-80 tests

Air-flow technology heatsink

5-year warranty



11,000

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# **Ordering Matrix**

Family	Watts	Mount	Color Temp	Beam Spread	Finish	Dimming	Voltage	Photocell
FFLED								
	<b>39</b> = 39W	Blank = Arm	Blank = 5000K (Cool)	Blank = 7H x 6V	Blank = Bronze	Blank = No Dimming	<b>Blank</b> = 120-277V	Blank = No Photocell
		T = Trunnion	<b>Y</b> = 3000K (Warm)	<b>B44</b> = 4H x 4V	W = White	/D10 = Dimmable	/480 = 480 Volt	/PC = 120V Button
		SF = Slipfitter	N = 4000K (Neutral)	<b>B55</b> = 5H x 5V				/PC2 = 277V Button
								/PCS = 120V Swivel
								/PCS2 = 277V Swivel