FFLED39SFW/D10

RAB
LIGHTING

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

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   Weight: 14.2 lbs

Driver Info

Type:	Constant Current
120V:	0.35A
208V:	0.20A
240V:	0.18A
277V:	0.15A
Input Watts:	41W
Efficiency:	95%

LED Info

Watts:	39W
Color Temp:	5000K (Cool)
Color Accuracy:	65 CRI
L70 Lifespan:	100,000
Lumens:	4,596
Efficacy:	112 LPW

Technical Specifications

Other

FFLED39SFSF with Dimmable Driver:

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

Threaded Size:

1/2" threaded arm.

Equivalency:

The FFLED39SF is equivalent in delivered lumens to a 150W Metal Halide.

California Title 24:

FFLED39SF/D10 complies with 2013 California Title 24 building and electrical codes as commercial outdoor non-pole-mounted fixture > 30 Watts mounted up to 24 feet when used with the RAB Stealth Dimmer. Use catalog code STLDIM10 to order a Stealth Dimmer module.

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.

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 mounting within 1.2M(4FT) of the ground.

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.

LED Characteristics

Lifespan:

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

LEDs:

Two multi-chip, 26Watt high performance 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 (SSL) Products, ANSI C78.377-2008.

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°F/-40°C.

Thermal Management Housing:

Superior heat sinking with external Air-Flow fins.

Housing:

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

Mounting:

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

Effective Projected Area:

EPA = 0.75

Reflector:

Specular polycarbonate

Technical Specifications (continued)

Construction

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.

Optical

NEMA Type:

NEMA Beam Spread of 7H x 6V

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 6 kV surge protection, 120V: 0.35A, 208V: 0.20A, 240V: 0.18A, 277V: 0.15A
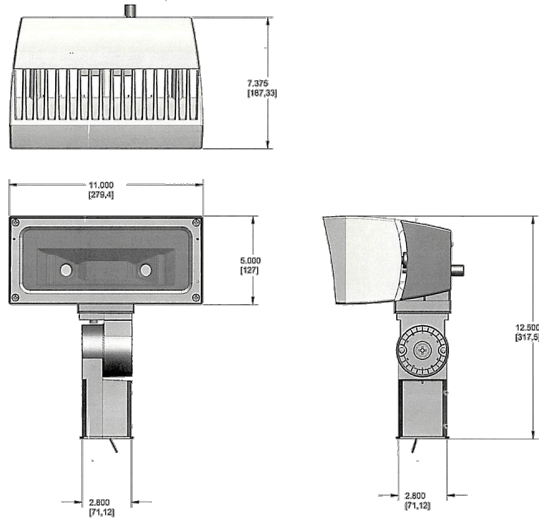
Power Factor:

99% at 120V, 96.8% at 277V

THD:

7.7% at 120V, 6.8% at 277V

Surge Protection:

4kV

RAB LIGHTING

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

Ordering Matrix

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