FFLED39TNB55/PCS2





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: Bronze Weight: 14.2 lbs

Project:	Туре:
Prepared By:	Date:

Type: Constant Current Watts: 39W 120V: N/A Color Temp: 4000K (Neutral) 208V: 0.20A Color Accuracy: 81 CRI	Driver Info		LED Info	
240V: 0.18A L70 Lifespan: 100,000 277V: 0.15A Lumens: 3,195 Input Watts: 41W Efficacy: 79 LPW Efficiency: 96%	120V: 208V: 240V: 277V: Input Watts:	N/A 0.20A 0.18A 0.15A 41W	Color Temp: Color Accuracy: L70 Lifespan: Lumens:	4000K (Neutral) 81 CRI 100,000 3,195

Technical Specifications

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FFLED39TNB55TB55 with Photocell:

277V Swivel Photocell Included. Photocell is compatible with 208V-277V.

Threaded Size:

1/2" threaded arm

Equivalency:

The FFLED39TNB55 is equivalent in delivered lumens to a 150W Metal Halide.

California Title 24:

Select an FFLED39TNB55 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.

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.

DLC Listed

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

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:

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 C78.377-2008.

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 Trunnion mount with stainless steel hardware.

Effective Projected Area:

EPA = 0.65

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Technical Specifications (continued)

Construction

Reflector:

Specular 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.

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:

99.5% at 120V, 96.5% at 277V

THD:

6.8% at 120V, 7.0% at 277V

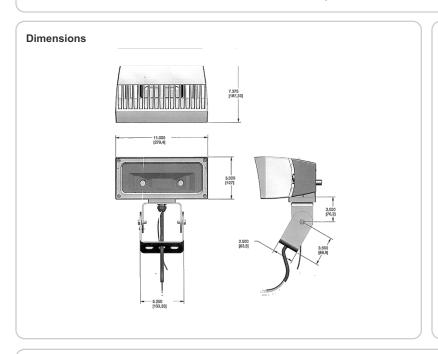
Surge Protection:

4kV

Optical

NEMA Type:

NEMA Beam Spread of 5H x 5V



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 Mat	rix							
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	$B44 = 4H \times 4V$	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