# FFLED39B44W/PCU

# RAB



Rectangular shaped LED floodlight designed to replace 150W Metal Halide. patentpending "Air-Flow" technology ensures long LED and driver lifespan. Use for building façades lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: White

# **Technical Specifications**

# Compliance

# UL Listed:

Suitable for wet locations. Suitable for mounting within 4ft (1.2m) of the ground.

## **IP Rating:**

Ingress protection rating of IP66 for dust and water

## Title 24 Compliant:

An FFLED flood light can be used with a motion sensor or photocell control option to comply with 2016 Title 24 Part 6 Section 130.2 (a,b,c)

# Performance

# Lifespan:

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

Wattage Equivalency:

Equivalent to 150W Metal Halide

# Other

Note:

All values are typical (tolerance +/- 10%)

## 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. RAB's warranty is subject to all terms and conditions found at <u>rablighting.com/warranty</u>.

277V

0.16A

Input Watts 40.7W

## 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.

# Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

# Construction

Lens:

Soda lime silica clear glass

# Mounting:

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

## Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Proje	ect:	Туре:	,
Prep	ared By:	Date:	
Driver lı	nfo	LED Info	
Туре	Constant Current	Watts	39W
120V	0.35A	Color Temp	5000K (Cool)
208V	0.23A	Color Accuracy	75 CRI
240V	0.20A	L70 Lifespan	100,000 Hours

## **Cold Weather Starting:**

The minimum starting temperature is -40°C (-40°F)

Lumens

Efficacy

5,281 lm

129.8 lm/W

# Green Technology:

Mercury and UV free. RoHS-compliant components.

## Finish:

Formulated for high durability and long-lasting color

# LED Characteristics

#### LEDs:

Long-life, high-efficacy, surface-mount 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 color temperature over a 5-year period

## **Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

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# **Technical Specifications (continued)**

# Optical

NEMA Type:

NEMA Beam Spread of 4H x 4V

# Electrical

# Driver:

Constant Current, Class 2, 120-277V, 50-60Hz, 120V: 0.35A, 208V: 0.23A, 240V: 0.13A, 277V: 0.11A

# **Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

# THD:

10.18% at 120V, 18.18% at 277V

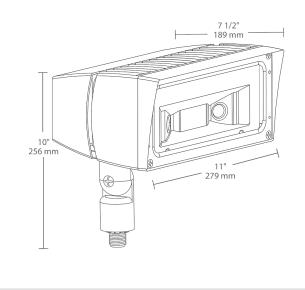
# **Power Factor:**

99% at 120V, 91.4% at 277V

# Photocell:

120-277V Button photocell included. Photocell is compatible with 120V-277V.

# Dimensions



# Features

Ultra-efficient LED and optical design Replaces 150W MH floodlights 100,000-hour life based on LM-80 results and TM-21 calculations "Air-Flow" technology heatsink 5-Year, No-Compromise Warranty

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SF = Slipfitter T = Trunnion Blank = Swivel Arm	Blank = 5000K Cool N = 4000K	B44 Blank = 7H x 6V B55 = 5H x 5V	W Blank = Bronze W = White	Blank = On/Off <sup>1</sup> /D10 = 0-10V	/PC	<b>Blank =</b> Standard
<b>T</b> = Trunnion	Cool				•	Blank = Standard
	Neutral Y = 3000K Warm	<b>B44</b> = 4H x 4V	<b>W</b> – White	Join = 0-100 Dimming /480 = 480V On/Off <sup>2</sup> /E = 120-277V Battery Backup /EC = Cold Start Battery Backup	/PC = 120V Photocell /PC2 = 277V Photocell /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCS4 = 480V Swivel Photocell /PCU = 120-277V Button Photocell /MS = Mini Sensor /STL3 = Stealth Sensor	<b>USA =</b> BAA Compliant
		<sup>1</sup> Dir	5		<b>/EC =</b> Cold Start	/EC = Cold Start Battery Backup /PCS4 = 480V Swivel Photocell /PCU = 120-277V Button Photocell /MS = Mini Sensor /STL3 = Stealth Sensor