# FFLED120SFB44W/480/D10

# RAB



Rectangular-shaped LED floodlight with patent-pending "Air-Flow" fins to keep it running cool. Suggested application: building façades, signage, landscapes.

Color: White

Weight: 20.6 lbs

Proje	ct:	Туре:		
Prepared By:		Date:		
Driver Ir	fo	LED Info		
Type 120V	Constant Current N/A	Watts Color Temp	120W 5000K (Cool)	

Color Accuracy 75 CRI

L70 Lifespan

Lumens

Efficacy

100,000 Hours

14,137 lm

119.2 lm/W

## **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

### 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>

#### 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.

#### LED Characteristics

## LEDs:

Multi-chip, high-output, long-life LEDs

#### **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.

## Performance

## Lifespan:

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

Wattage Equivalency:

Equivalent to 400W Metal Halide

#### Optical

208V

240V

277V

N/A

N/A

N/A

Input Watts 118.6W

NEMA Type:

NEMA Beam Spread of 4H x 4V

## Construction

**Cold Weather Starting:** The minimum starting temperature is -40°C (-40°F)

#### **Ambient Temperature:**

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

#### **Thermal Management Housing:**

Superior heat sinking with external Air-Flow fins

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm

#### Mounting:

Heavy-duty slipfitter for 2 3/8"OD pipe

## Lens:

Clear glass lens

### **Reflector:** Specular vacuum-metalized polycarbonate

Effective Projected Area:

EPA = 1.3

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## **Technical Specifications (continued)**

## Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

## Green Technology:

Mercury and UV free. RoHS-compliant components.

# Tilt Increment:

Rotates in 6 degree increments

## Electrical

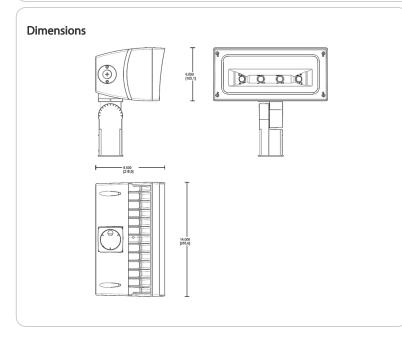
Driver:

Constant Current, Class 1, 480V, 50/60 Hz, 480V: 0.27A

**THD:** 9.5% at 480V

**Power Factor:** 92.8% at 480V

Surge Protection: 6kV



## Features

Ultra-efficient LED and optical design 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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Ordering Matrix									
Family	Wattage	Mounting	Color Temp	Beam Spread	Finish	Driver Options	Options		
FFLED	120	SF		B44	W	/480/D10			
	<b>120 =</b> 120W	SF = Slipfitter T = Trunnion	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = 7H x 6V B55 = 5H x 5V B44 = 4H x 4V	Blank = Bronze W = White	/D10 = 0-10V Dimming (120-277V) /480/D10 = 0-10V Dimming (480V)	<ul> <li>/LC = Lightcloud® Controller (120-277V only)</li> <li>/SP = 10kV Surge Suppresor Blank = No Option</li> <li>/7PR = 7-Pin Receptacle</li> <li>/PCT = 120-277V 3-Pin Twistlock Photocell</li> <li>/PCT4 = 480V 3-Pin Twistlock Photocell</li> </ul>		