



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

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type	Constant Current
120V	1.01A
208V	0.63A
240V	0.54A
277V	0.46A
Input Watts	121.7W

### LED Info

Watts	120W
Color Temp	5000K (Cool)
Color Accuracy	75 CRI
L70 Lifespan	100,000 Hours
Lumens	14,174 lm
Efficacy	116.5 lm/W

## Technical Specifications

### Lightcloud

#### Lightcloud Controller Installed:

Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel. [Learn more about Lightcloud.](#)

### 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 [rablighting.com/warranty](http://rablighting.com/warranty).

#### 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 warranted 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

#### NEMA Type:

NEMA Beam Spread of 5H x 5V

### 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 Trunnion mount with stainless steel hardware

#### Lens:

Clear glass lens

#### Reflector:

Specular vacuum-metalized polycarbonate

## Technical Specifications (continued)

### Effective Projected Area:

EPA = 1.3

### Gaskets:

High-temperature silicone gaskets

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

## Electrical

### Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz, 120V:  
1.01A, 208V: 0.63A, 240V: 0.54A, 277V: 0.46A

### THD:

7.8% at 120V, 14.7% at 277V

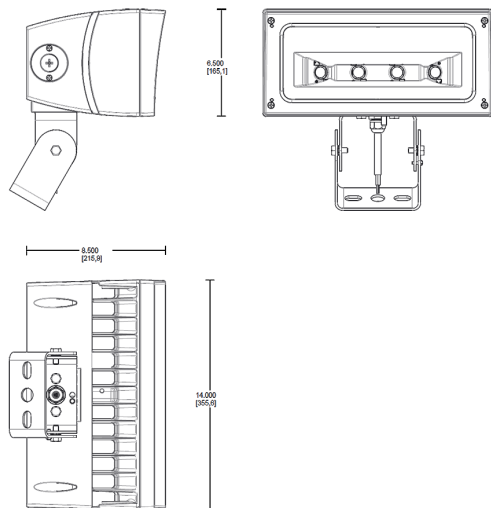
### Power Factor:

99.4% at 120V, 92.8% at 277V

### Surge Protection:

6kV

## Dimensions



## 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 and 10-Year, No-Compromise  
Lightcloud Warranty

## Ordering Matrix

Family	Wattage	Mounting	Color Temp	Beam Spread	Finish	Driver Options	Options
FFLED	120	T		B55	W	/D10	
	120 = 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)	Blank = No Option /7PR = 7-Pin Receptacle /PCT = 120-277V 3-Pin Twistlock Photocell /PCT4 = 480V 3-Pin Twistlock Photocell /LC = Lightcloud® Controller (120-277V only) /SP = 10kV Surge Suppressor