



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	120W
120V	1.01A	Color Temp	5000K (Cool)
208V	0.63A	Color Accuracy	75 CRI
240V	0.54A	L70 Lifespan	100,000 Hours
277V	0.46A	Lumens	14,003 lm
Input Watts	122.2W	Efficacy	114.6 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 [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 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

#### 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

## 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, 120-277V, 50/60 Hz, 120V:  
1.01A, 208V: 0.63A, 240V: 0.54A, 277V: 0.46A

### THD:

7.3% at 120V, 14.3% at 277V

### Power Factor:

99.4% at 120V, 92.6% at 277V

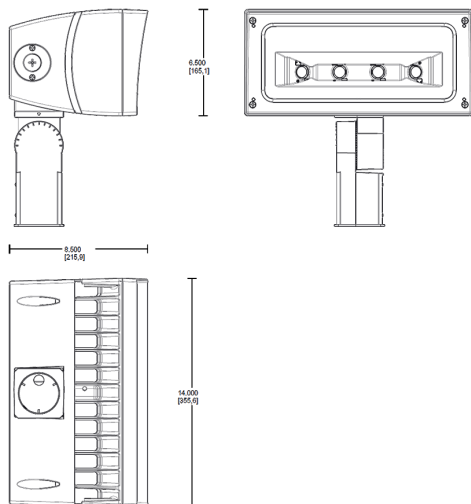
### 7-Pin Receptacle:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

### 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

## Ordering Matrix

Family	Wattage	Mounting	Color Temp	Beam Spread	Finish	Driver Options	Options
FFLED	120	SF		B44	W	/D10	/7PR
	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)	/LC = Lightcloud® Controller (120-277V only) /SP = 10kV Surge Suppressor Blank = No Option /7PR = 7-Pin Receptacle /PCT = 120-277V 3-Pin Twistlock Photocell /PCT4 = 480V 3-Pin Twistlock Photocell