



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

Color: Bronze

Weight: 41.2 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	187.6W

#### LED Info

Watts	180W
Color Temp	5000K (Cool)
Color Accuracy	76 CRI
L70 Lifespan	100,000 Hours
Lumens	28,059
Efficacy	149.6 lm/W

## Technical Specifications

### Compliance

#### UL Listed:

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

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.

DLC Product Code: PM52CUB4

### Electrical

#### Driver:

Constant Current, Class 1, 480V, 50/60 Hz, 480V: 0.41A

#### THD:

11.3% at 480V

#### Power Factor:

94.4% at 480V

#### Surge Protection:

6kV

#### Note:

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

### 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

### Construction

#### IP Rating:

Ingress protection rating of IP66 for dust and water

#### Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

## Technical Specifications (continued)

### Construction

#### 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

### Effective Projected Area:

EPA = 2.1

### Gaskets:

High-temperature silicone gaskets

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Optical

#### NEMA Type:

NEMA Beam Spread of 7H x 6V

### Other

#### Equivalency:

Equivalent to 750W Metal Halide

#### 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).

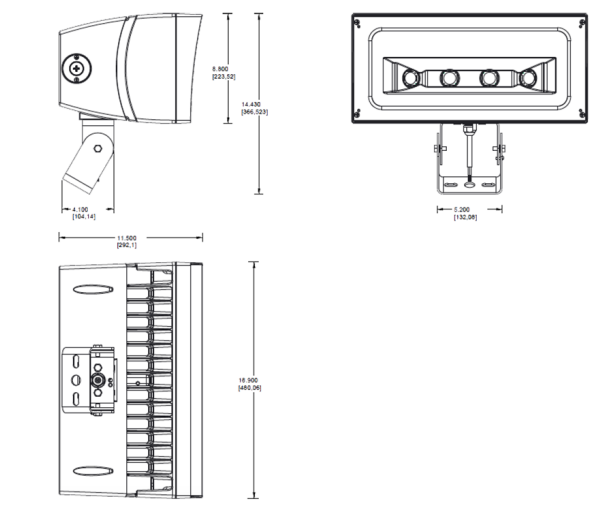
#### Patents:

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.

## 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	180	T				/480/D10	/SP
	180 = 180W 230 = 230W	SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = 7H x 6V B44 = 4H x 4V B55 = 5H x 5V	Blank = Bronze W = White	/D10 = 120-277V, 0-10V Dimming /480/D10 = 480V w/ 0-10V Dimming	Blank = No Option /7PR = 7-Pin Receptacle /PCT = 3-Pin Twistlock Photocell 120-277V /PCT4 = 3-Pin Twistlock Photocell 480V /LC = Lightcloud® Controller /SP = 10kV Surge Suppressor