



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	1.99A
208V	1.18A
240V	1.03A
277V	0.86A
Input Watts	236.9W

#### LED Info

Watts	230W
Color Temp	4000K (Neutral)
Color Accuracy	74 CRI
L70 Lifespan	100,000
Lumens	30,543
Efficacy	128.9 LPW

## Technical Specifications

### Listings

#### UL Listing:

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: PNF8CO31

### Electrical

#### Dimming Driver:

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

#### Surge Protection:

6kV

#### Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 1.99A, 208V: 1.18A, 240V: 1.03A, 277V: 0.86A

#### THD:

6.4% at 120V, 6.9% at 277V

#### Power Factor:

99.7% at 120V, 96.8% at 277V

### LED Characteristics

#### Note:

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

#### LEDs:

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

#### Lifespan:

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

#### Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5-year period

#### Color Uniformity:

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

### Construction

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### Cold Weather Starting:

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

#### Ambient Temperature:

Suitable For use in 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

## Technical Specifications (continued)

## Construction

## 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 4H x 4V

## Other

## Equivalency:

Equivalent to 1000W 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 [www.rablighting.com/legal#warranty](http://www.rablighting.com/legal#warranty)

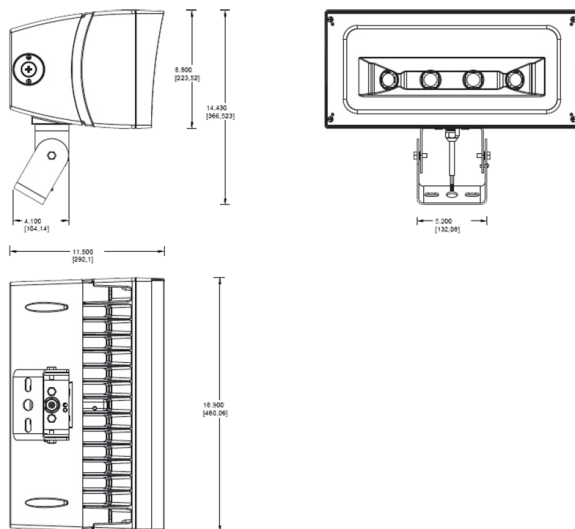
## Patents:

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