



Rectangular shaped LED floodlight with patent pending airflow fins to keep it running cool. Suggested application: building facades, signage, landscapes.

Color: Bronze

Weight: 40.8 lbs

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

Driver Info		LED Info	
Type:	Constant Current	Watts:	180W
120V:	1.58A	Color Temp:	3000K
208V:	0.94A	Color Accuracy:	72 CRI
240V:	0.82A	L70 Lifespan:	100000
277V:	0.69A	Lumens:	26951
Input Watts:	187W	Efficacy:	145 LPW
Efficiency:	97%		

**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 have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

**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: P2E468FX

**Electrical**

**Driver:**

Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 1.58A, 208V: 0.94A, 240V: 0.82A, 277V: 0.69A

**Dimming Driver:**

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

**THD:**

6% at 120V, 8.7% at 277V

**Power Factor:**

99.8% at 120V, 96.2% at 277V

**7-Pin Receptacle:**

ANSI C136.41 7-pin receptacle

**Surge Protection:**

4kV

**LED Characteristics**

**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) ambient temperatures.

**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 = 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. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

**Optical**

**NEMA Type:**

NEMA Beam Spread of 7H x 6V

## Technical Specifications (continued)

### Other

#### 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.

#### 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 tests
- Air-flow technology heatsink
- 5-year warranty

### Ordering Matrix

Family	Wattage	Mounting	Color Temp	Beam Option	Finish	Driver	Options
FFLED	180	SF	Y			/D10	/7PR
	230 = 230W 180 = 180W	SF = Slipfitter T = Trunion	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = 7H x 6V	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