



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:        | N/A              | Color Temp:     | 3000K   |
| 208V:        | N/A              | Color Accuracy: | 72 CRI  |
| 240V:        | N/A              | L70 Lifespan:   | 100000  |
| 277V:        | N/A              | Lumens:         | 27322   |
| Input Watts: | 186W             | Efficacy:       | 147 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: PPCV2Z43

**Electrical**

**Driver:**

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

**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:**

11.3% at 480V

**Power Factor:**

94.4% at 480V

**Surge Protection:**

10kV

**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 warranted 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

**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.

## Technical Specifications (continued)

### Other

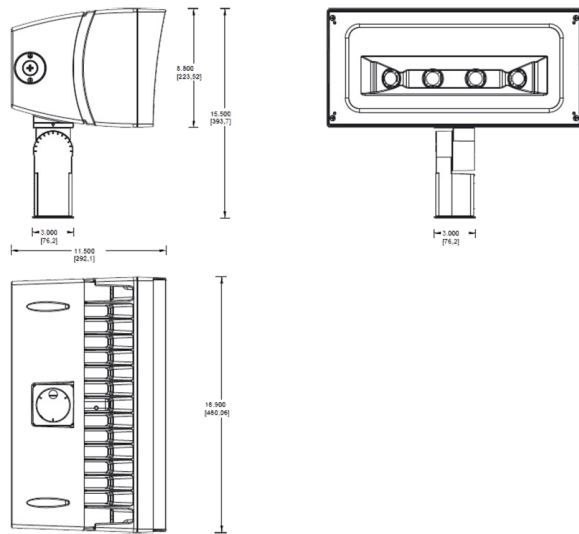
#### Patents:

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