



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

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type: Constant Current  
120V: 1.99A  
208V: 1.18A  
240V: 1.03A  
277V: 0.86A  
Input Watts: 237W  
Efficiency: 97%

#### LED Info

Watts: 230W  
Color Temp: 4000K (Neutral)  
Color Accuracy: 74 CRI  
L70 Lifespan: 100,000  
Lumens: 33886  
Efficacy: 143 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: PJ95IY41

### Electrical

#### Driver:

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

#### 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:

6.4% at 120V, 6.9% at 277V

#### Power Factor:

99.7% at 120V, 96.7% at 277V

#### Surge Protection:

4kV

### 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 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.

### 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. RAB's warranty is subject to all terms and conditions found at

## 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.

## Features

Ultra efficient LED and optical design

100,000 hour life based on LM-80 tests

Air-flow technology heatsink

5-Year, No-Compromise Warranty

## Ordering Matrix

| Family | Wattage    | Mounting        | Color Temp                              | Beam Spread     | Finish         | Driver Options                   | Options   |
|--------|------------|-----------------|---|-----------------|----------------|----------------------------------|---|
| FFLED  | 230        | SF              | N                                       | Λ               | Λ              | /D10                             | Λ   |
|        | 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)<br>Y = 3000K (Warm) |                 | W = White      | /480/D10 = 480V w/ 0-10V Dimming | /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 |