



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

Color: White

Weight: 41.2 lbs

| | |
|---------------------|--------------|
| Project: | Type: |
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|---------|
| Type: | Constant Current | Watts: | 230W |
| 120V: | 1.99A | Color Temp: | 3000K |
| 208V: | 1.18A | Color Accuracy: | 72 CRI |
| 240V: | 1.03A | L70 Lifespan: | 100000 |
| 277V: | 0.86A | Lumens: | 32521 |
| Input Watts: | 236W | Efficacy: | 138 LPW |
| Efficiency: | 98% | | |

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: P5BQ9J1V

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%.

7-Pin Receptacle:

ANSI C136.41 7-pin receptacle

THD:

6.5% at 120V, 7% at 277V

Power Factor:

99.6% at 120V, 96.8% at 277V

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 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 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. 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 | 230 | T | Y | | W | /D10 | /7PR |
| | 230 = 230W 180 = 180W | SF = Slipfitter T = Trunnion | 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 |