



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

Color: White

Weight: 20.6 lbs

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

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|---------|
| Type: | Constant Current | Watts: | 120W |
| 120V: | 1.01A | Color Temp: | 4000K |
| 208V: | 0.63A | Color Accuracy: | 75 CRI |
| 240V: | 0.54A | L70 Lifespan: | 100000 |
| 277V: | 0.46A | Lumens: | 16149 |
| Input Watts: | 120W | Efficacy: | 134 LPW |
| Efficiency: | N/A | | |

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

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: PMT8V3FL

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.

Electrical

Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 1.01A, 208V: 0.63A, 240V: 0.54A, 277V: 0.46A

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:

8.2% at 120V, 15.2% at 277V

Power Factor:

99.3% at 120V, 92.7% at 277V

7-Pin Receptacle:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

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 C78.377-2015.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Cold Weather Starting:

Minimum starting temperature is -35°C (-31°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 = 1.3

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 Spread | Finish | Voltage | Driver | Options |
|--------|------------|---------------------------------|---|-----------------|-----------------------------|---------------------------------|---------------------------------|---|
| FFLED | 120 | SF | N | | W | | /D10 | /7PR |
| | 120 = 120W | SF = Slipfitter T = Trunnion | Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm) | Blank = 7H x 6V | Blank = Bronze W = White | Blank = 120-277V /480 = 480V | /D10 = 0-10V Dimming (standard) | Blank = No Option /7PR = 7PIN Receptacle /PCT = 120-277V 3PIN Twistlock Photocell /PCT4 = 480V 3PIN twistlock Photocell /LC = Lightcloud Controller (120-277V only) /SP = 10KV Surge Suppresor |