



Rectangular shaped LED floodlight designed to replace 175W Metal Halide. patent-pending "Air-Flow" technology ensures long LED and driver lifespan. Use for building façades lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: Bronze

Weight: 14.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

| Type | Constant Current |
|-------------|------------------|
| 120V | 0.45A |
| 208V | 0.27A |
| 240V | 0.24A |
| 277V | 0.21A |
| Input Watts | 55.3W |

LED Info

| | |
|----------------|---------------|
| Watts | 52W |
| Color Temp | 5000K (Cool) |
| Color Accuracy | 71 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 6,097 |
| Efficacy | 110.3 lm/W |

Technical Specifications

Compliance

UL Listed:

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.

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 4 kV surge protection, 120V: 0.45A, 208V: 0.27A, 240V: 0.24A, 277V: 0.21A

Dimming Driver:

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

Note:

All values are typical (tolerance +/- 10%)

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Construction

Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Thermal Management Housing:

Superior heat sinking with external Air-Flow fins

Housing:

Die-cast aluminum housing, lens frame and mounting arm

Threaded Size:

1/2" threaded arm

Mounting:

Heavy-duty slipfitter for 2 3/8" OD pipe

Effective Projected Area:

EPA = 0.75

Reflector:

Specular polycarbonate

Technical Specifications (continued)

Construction

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Tilt Increment:

Rotates in 6 degree increments

LED Characteristics

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Optical

NEMA Type:

NEMA Beam Spread of 4H x 4V

Other

Equivalency:

Replaces 200W Metal Halide

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 rablighting.com/warranty.

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:

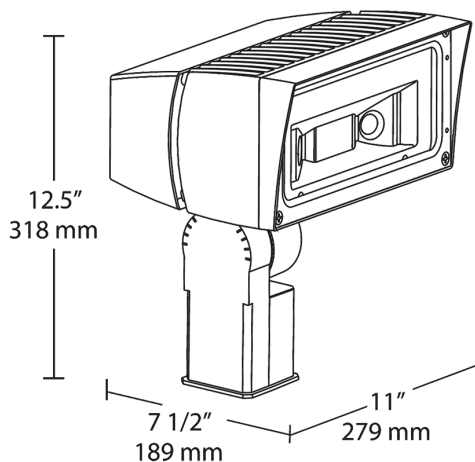
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Listings

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PMSQNF5J

Dimensions



Features

Ultra-efficient LED and optical design

Replaces 175W MH floodlights

100,000-hour life based on LM-80 results and TM-21 calculations

"Air-Flow" technology heatsink

5-Year, No-Compromise Warranty

Ordering Matrix

| Family | Wattage | Mounting | Color Temp | NEMA Type | Finish | Driver | Options | Other Options |
|--------|---|--|--|--|---|---|---|---|
| FFLED | 52 | SF | | B44 | | | | |
| | 18 = 18W 26 = 26W 39 = 39W 52 = 52W 80 = 80W | Blank = Swivel Arm SF = Slipfitter T = Trunnion | Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm) | Blank = 7H x 6V B55 = 5H x 5V B44 = 4H x 4V | Blank = Bronze W = White | Blank = On/Off ¹ /D10 = 0-10V Dimming /480 = 480V On/Off ² | Blank = No Option /PCU = 120V Button Photocell /PC = 120V Photocell /PC2 = 277V Photocell /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCS4 = 480V Swivel Photocell | USA = BAA Compliant Blank = Standard |

¹ Dimming Driver for 18W, 26W & 39W models only² Not available for 80W models