



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	Watts	52W
120V	0.45A	Color Temp	5000K (Cool)
208V	0.27A	Color Accuracy	71 CRI
240V	0.24A	L70 Lifespan	100,000
277V	0.21A	Lumens	6,097
Input Watts 55.30W		Efficacy	110.3 LPW

#### LED Info

## Technical Specifications

### Listings

#### 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.

#### 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

### 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 as low as 10%.

#### Note:

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

### LED Characteristics

#### Lifespan:

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

#### 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.

#### Construction

#### Ambient Temperature:

Suitable For use in 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 Trunnion mount with stainless steel hardware

#### Effective Projected Area:

EPA = 0.65

#### Reflector:

Specular polycarbonate

#### Gaskets:

High-temperature silicone gaskets

#### Finish:

Formulated for high durability and long-lasting color



**Technical Specifications (continued)****Construction****Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Optical****NEMA Type:**

NEMA Beam Spread of 4H x 4V

**Other****Warranty:**

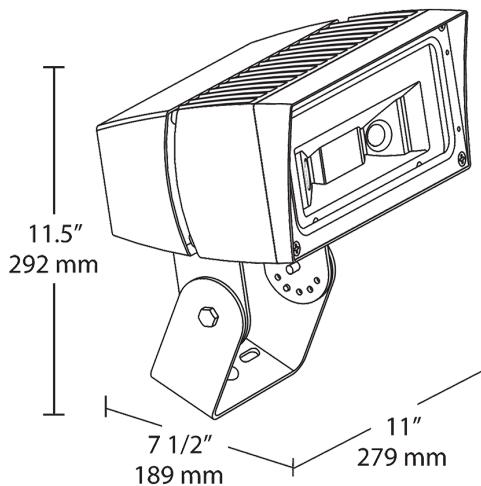
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://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.

**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	T		B44				
18 = 18W		Blank = Swivel Arm	Blank = 5000K (Cool)	Blank = 7H x 6V	Blank = Bronze	Blank = On/Off <sup>1</sup>	/PCS = 120V Swivel Photocell	USA = BAA Compliant
26 = 26W		SF = Slipfitter	N = 4000K (Neutral)	B55 = 5H x 5V	W = White	/D10 = 0-10V Dimming	/PCS2 = 277V Swivel Photocell	Blank = Standard
39 = 39W		T = Trunnion	Y = 3000K (Warm)	B44 = 4H x 4V		/480 = 480V On/Off <sup>2</sup>	/PCS4 = 480V Swivel Photocell	
52 = 52W							Blank = No Option	
80 = 80W							/PCU = 120V Button Photocell	
							/PC = 120V Photocell	
							/PC2 = 277V Photocell	

<sup>1</sup> Dimming Driver for 18W, 26W & 39W models only<sup>2</sup> Not available for 80W models