FFLED52

RAB | Outdoor

Project:		Type:	
Prepared By:		Date:	

Driver Info

		LED 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	6,935
Input Watts	55W	Efficacy	125 LPW
Efficiency	94%		

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

Color: Bronze   Weight: 12.9 lbs

Technical Specifications

Listings

UL Listing:

Suitable For Wet Locations. Suitable for mounting within 1.2M(4FT) of the ground.

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: P2CRRKPHQ

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.

LED Characteristics

Lifespan:

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

Note:

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

LEDs:

Two multi-chip, 26Watt high performance LEDs

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 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

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 mounting arm with "O" ring seal & stainless steel screw

Effective Projected Area:

EPA = 0.65

Reflector:

Specular polycarbonate

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

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 www.rablighting.com/legal#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.

Equivalency:

Equivalent to 175W Metal Halide

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.
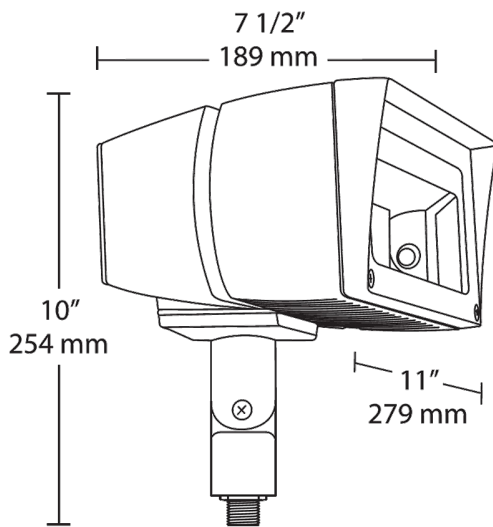
Technical Specifications (continued)

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

Dimensions

7 1/2"
189 mm

10"
254 mm

11"
279 mm

Features

Ultra-efficient LED and optical design

Replaces 175W MH floodlights

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	NEMA Type	Finish	Driver	Photocell Options	Other Options
FFLED	52	^	^	^	^	^	^	^
	18 = 18W	**Blank =** Swivel Arm	**Blank =** 5000K (Cool)	**Blank =** 7H x 6V	**Blank =** Bronze	**Blank =** On/Off	**Blank =** No Option	**USA =** BAA Compliant
	26 = 26W	**SF =** Slipfitter	**N =** 4000K (Neutral)	**B55 =** 5H x 5V	**W =** White	**/D10 =** 0-10V Dimming	**/PC =** 120V Photocell	**Blank =** Standard
	39 = 39W	**T =** Trunnion	**Y =** 3000K (Warm)	**B44 =** 4H x 4V		**/480 =** 480V On/Off (not available for 80W models)	**/PC2 =** 277V Photocell	
	52 = 52W						**/PCS =** 120V Swivel Photocell	
	80 = 80W						**/PCS2 =** 277V Swivel Photocell	
							/PCS4 = 480V Swivel Photocell	

Need help? Tech help line: **(888) RAB-1000** Email: **custserv@rablighting.com** Website: **www.rablighting.com**

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