FFLED52SFY USA

RAB LIGHTING

Project:		Type:	
Prepared By:		**Date:**	

Driver Info

Type:	Constant Current
120V:	0.45A
208V:	0.27A
240V:	0.24A
277V:	0.21A
Input Watts:	56W
Efficiency:	93%

LED Info

Watts:	52W
Color Temp:	3000K
Color Accuracy:	70 CRI
L70 Lifespan:	100000
Lumens:	6743
Efficacy:	121 LPW

Rectangular shaped LED floodlight designed to replace 175W Metal Halide. Patent Pending airflow technology ensures long LED and driver lifespan. Use for building facade lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: Bronze   Weight: 14.8 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:_P227U919Y

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.

LED Characteristics

Lifespan:

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

LEDs:

Two multi-chip, 26Watt high performance LEDs.

Color Consistency:

3-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:

SuitableFor use in 40°C (104°F) ambient temperatures.

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.

Mounting:

Heavy-duty Slip Fitter for 2 3/8" OD pipe.

Effective Projected Area:

EPA = 0.75

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. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Threaded Size:

1/2" threaded arm.

Optical

NEMA Type:

NEMA Beam Spread of 7H x 6V

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

Other

California Title 24:

Select an FFLED52SFY model equipped with a 0-10V driver (look for /D10 in the catalog #) for a 2013 California Title 24 compliant model.

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.
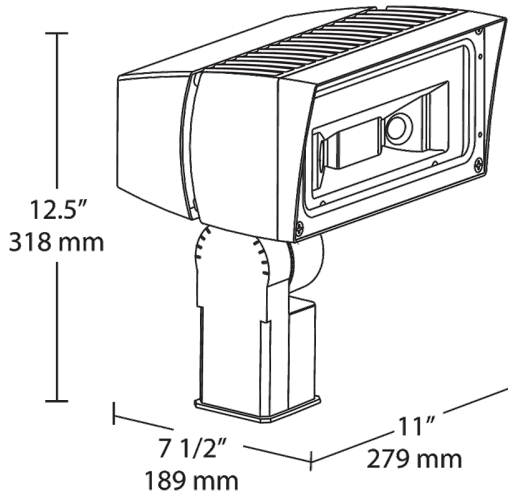
American Bureau of Shipping (ABS) :

For use on Mobile Offshore Drilling Units (MODU) and shipping vessels.

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

Page 1 of 2

Technical Specifications (continued)

Other

Equivalency:

Equivalent to 175W Metal Halide.

FTC Country of Origin:

This product was assembled in the USA by RAB using imported components.

Buy American Act Compliance:

This product complies with the Buy American Act.

Dimensions

12.5"
318 mm

7 1/2"
189 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 warranty

Ordering Matrix

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

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

Page 2 of 2