FXLED500SFYB55/480/D10/PCT4





Ultra high output, high efficiency LED floodlight with NEMA Types: 7H x 6V, 6H x 4V, 4H x 6V, 5H x 5V and 3H x 3V. Advance thermal design ensures long LED and driver lifespan. Use for general and security lighting for large areas, building facades, signs and landscapes.

Color: Bronze Weight: 70.5 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	500W	
120V:	N/A	Color Temp:	3000K	
208V:	N/A	Color Accuracy:	72 CRI	
240V:	N/A	L70 Lifespan:	100000	
277V:	N/A	Lumens:	56583	
Input Watts:	498W	Efficacy:	114 LPW	
Efficiency:	N/A			

Technical Specifications

Listings

UL Listing:

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

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.

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: PEKRLQF4

Electrical

Drivers:

Constant Current, Class 1, 480, 50/60 Hz, 480V: 1.08A

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:

13.3% at 480V

Power Factor:

96% at 480V

Surge Protection:

4kV

Photocell:

480V twistlock photocell Included. Photocell is only compatible with 480V.

Optical

NEMA Type:

NEMA Beam Spread 5H x 5V

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:

Multip-chip, high-output, long-life LEDs

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 Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Vibration Rating:

2G vibration rating per ANSI C136.31.

Cold Weather Starting:

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

Ambient Temperature:

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

Effective Projected Area:

EPA = 4

Thermal Management:

Superior thermal management with external "Air-Flow" fins

Housing:

Die-cast aluminum housing with lens frame.

Mounting:

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

Reflector:

Specular vacuum metalized polycarbonate; semispecular on flat trim edge.

Lens:

Clear glass lens

Gaskets:

High-temperature silicone gaskets



Technical Specifications (continued)

Construction

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.

Other

American Bureau of Shipping (ABS):

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

Replacement:

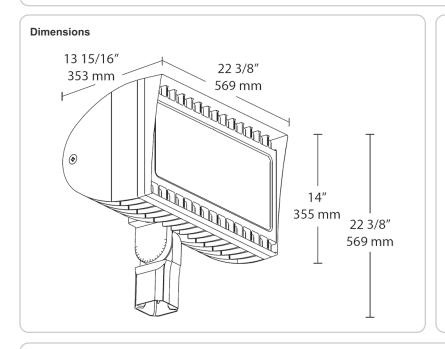
Replaces 1500W Metal Halide

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.

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.



Features

500W replaces 1500W MH floodlights

100,000-hour LED lifespan

5-year No Compromise Warranty

ordering Mat	trix							
Family	Wattage	Mounting	Color Temp	Beam Option	Finish	Voltage	Driver	Options
FXLED	500	SF	Y	B55		/480	/D10	/PCT4
	500 =	SF =	Blank = 5000K	Blank = 7H x	Blank =	Blank = 120-	/ D10 = 0-10V Dimming	Blank = No Option
	500W	Slipfitter	(Cool)	6V	Bronze	277V	(standard)	/PCS = 120V Swivel Photocell
		T =	N = 4000K	B64 = 6H x	W = White	/480 = 480V		/PCS2 = 277V Swivel Photocell
		Trunnion	(Neutral)	4V				/PCS4 = 480V Swivel Photocel
			Y = 3000K (Warm)	B55 = 5H x 5V				/PCT = 120-277V 3PIN Twistlock Photocell
				B46 = 4H x 6V				/PCT4 = 480V 3PIN Twistlock Photocell
				B33 = 3H x				/SP = 10KV Surge Suppresor
				3V				/LC = Lightcloud® Controller (12) 277V only)
								/BL = Bi-Level (120-277V only)