# FXLED500SFB55/480/D10



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:	
Prepare	ed By:	Date:	
Driver Info Type: Constant Current		LED Info Watts:	500W

Type:	Const
120V:	N/A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	491W
Efficiency:	N/A

# LED Info Watts: Color Temp: Color Accuracy: L70 Lifespan: Lumens: Efficacy:

5000K 5000K 76 CRI 100000 56775 116 LPW

# **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: PHQE8743

# 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

# 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

# Finish:

Formulated for high-durability and long lasting color.

# RAB

# **Technical Specifications (continued)**

## Construction

# 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.

# Dimensions

# 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:** 

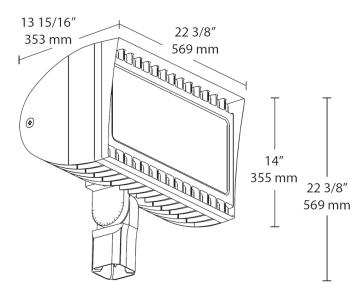
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

# Features

500W replaces 1500W MH floodlights

100,000-hour LED lifespan

5-year No Compromise Warranty



# **Ordering Matrix**

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