



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 façades, signs and landscapes.

Color: Bronze

Weight: 72.3 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	509.4W

#### LED Info

Watts	500W
Color Temp	5000K (Cool)
Color Accuracy	73 CRI
L70 Lifespan	100,000 Hours
Lumens	62,400
Efficacy	122.5 lm/W

## Technical Specifications

### Compliance

#### 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 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

#### THD:

9.77% at 480V

### Surge Protection:

4kV

#### Note:

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

### Optical

#### NEMA Type:

NEMA Beam Spread 5H x 5V

### Performance

#### Lifespan:

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

### LED Characteristics

#### LEDs:

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

### 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 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

## Technical Specifications (continued)

### Construction

#### Cold Weather Starting:

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

#### Ambient Temperature:

Suitable for use in up to 40°C (104°F)

#### 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; semi-specular on flat trim edge

### Lens:

Clear glass lens

### Gaskets:

High-temperature silicone gaskets

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Tilt Increment:

Rotates in 6 degree increments

### Other

#### Equivalency:

Equivalent to 1500W Metal Halide

#### American Bureau of Shipping (ABS) :

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

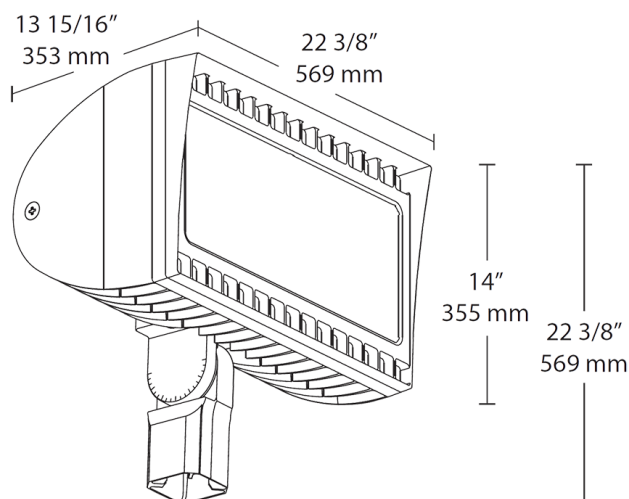
#### Warranty:

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).

#### 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

- 500W replaces 1500W MH floodlights
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty

## Ordering Matrix

Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver Options	Options
FXLED	500	SF		B55		/480/D10	
	500 = 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	/D10 = 0-10V Dimming /480/D10 = 480V w/ 0-10V Dimming	Blank = No Option /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCS4 = 480V Swivel Photocell /PCT = 120-277V 3-Pin Twistlock Photocell /PCT4 = 480V 3-Pin Twistlock Photocell /SP = 10kV Surge Suppressor /LC = Lightcloud® Controller (120-277V only) <sup>1</sup> /SP/LC = 10kV Surge Suppressor w/ Lightcloud® Controller /BL = Bi-Level (120-277V only) <sup>1</sup>

<sup>1</sup> Only for 120-277V