



Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	200W
120V	1.72A	Color Temp	5000K (Cool)
208V	1.03A	Color Accuracy	72 CRI
240V	0.89A	L70 Lifespan	100,000 Hours
277V	0.77A	Lumens	31,951
Input Watts	209.6W	Efficacy	152.4 lm/W

# **Technical Specifications**

# Compliance

## **UL Listed:**

Suitable for wet locations. Suitable for ground mounting.

## 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.

## **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: P2R2BZMX

## Optical

# **NEMA Type:**

NEMA Beam Spread of 7H x 6V

# Performance

# Lifespan:

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

## Construction

## IP Rating:

Ingress protection rating of IP66 for dust and water

## **Maximum Ambient Temperature:**

Suitable for use in up to  $40^{\circ}$ C ( $104^{\circ}$ F)

# **Effective Projected Area:**

EPA = 4

#### **Cold Weather Starting:**

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

# Thermal Management:

Superior thermal management with external "Air-Flow" fins

#### Lens:

Tempered glass lens

## Housing:

Die-cast aluminum housing and door frame

## Mounting:

Heavy-duty Trunnion mount with stainless steel hardware

#### Reflector:

Specular and semi-specular vacuum-metalized polycarbonate



# **Technical Specifications (continued)**

# Construction

## Gaskets:

High-temperature silicone gaskets

#### Finish:

Formulated for high durability and long-lasting color

## **Green Technology:**

Mercury and UV free. RoHS-compliant components.

## **LED Characteristics**

#### LEDs:

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

#### **Electrical**

#### **Drivers:**

Constant Current, 700mA, 50/60 Hz, 120-277V, 4 kV surge protection, 120V: 1.72A, 208V: 1.03A, 240V: 0.89A, 277V: 0.277A, THD <20%, Power Factor: 99%

#### THD:

4.21% at 120V, 7.61% at 277V

#### **Power Factor:**

99.9% at 120V, 95.7% at 277V

#### Note:

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

#### Other

#### **Equivalency:**

Equivalent to 750W Metal Halide

## Warranty:

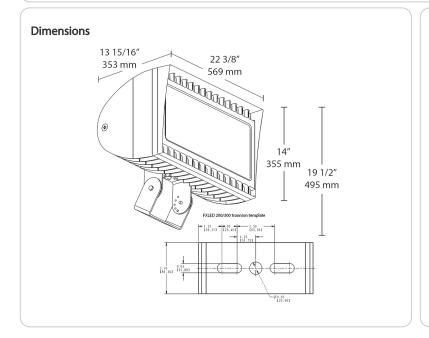
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at <a href="mailto:rable-r

## Replacement:

Replaces 1000W 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.



## **Features**

200W replaces 400 MH floodlights

100,000-hour LED lifespan

5-Year, No-Compromise Warranty



Ordering N	<b>Natrix</b>							
Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver Options	Options	Other Options
FXLED	200	Т			W			
	<b>200</b> = 200W <b>300</b> = 300W	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 B33 = 3H x 3V B46 = 4H x 6V	Blank = Bronze W = White	Blank = 120-277V /480 = 480V /BL = Bi-Level (Slipfitters only) 1 /D10 = 0-10V Dimming	Blank = No option /PCS = 120V Swivel /PCS2 = 277V Swivel /PCT = 120-277V Twistlock /PCT4 = 480V Twistlock /PCS4 = 480V Swivel /LC = Lightcloud® Controller	Blank = Standard USA = BAA Compliant
				<sup>1</sup> Slipt	itter models only			