FXLED200TB55/PCS

RAB



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. patent-pending "Air-Flow" technology ensures long LED and driver lifespan. Use for general and security lighting for large areas, building façades, signs and landscapes.

Color: Bronze

Weight: 66.1 lbs

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations. Suitable for ground mounting.

IP Rating:

Ingress protection rating of IP66 for dust and water

Optical

NEMA Type: NEMA Beam Spread of 5H x 5V

Performance

Lifespan:

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

Wattage Equivalency: Equivalent to 750W Metal Halide

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.

Construction

Maximum Ambient Temperature: Suitable for use in up to 40°C (104°F)

Effective Projected Area: EPA = 4

Cold Weather Starting:

The 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

Driver Info	LED Info	
Prepared By:	Date:	
Project:	Туре:	

Туре	Constant Current	Watts	200W
120V	1.72A	Color Temp	5000K (Cool)
208V	N/A	Color Accuracy	72 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	30,306 lm
Input Watts	207.3W	Efficacy	146.2 lm/W

Mounting:

Heavy-duty Trunnion mount with stainless steel hardware

Reflector:

Specular and semi-specular vacuum-metalized polycarbonate

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other Note:

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

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 <u>rablighting.com/warranty</u>.

Technical Specifications (continued)

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.

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:

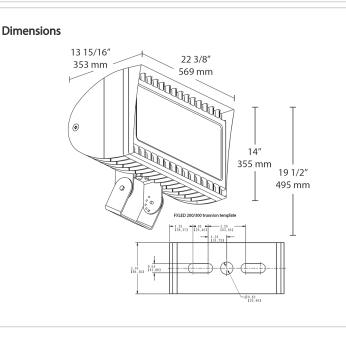
4.07% at 120V, 7.44% at 277V

Power Factor:

99.9% at 120V, 95.8% at 277V

Photocell:

120V Swivel photocell included. Photocell is only compatible with 120V.



Features

200W replaces 400 MH floodlights 100,000-hour LED lifespan 5-Year, No-Compromise Warranty

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Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver Options	Options	Other Options
XLED	200	Т		B55			/PCS	
	200 = 200W 300 = 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
				¹ Slipfit	ter models only	V		