FXLED78T/480 USA

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

Driver Info

Type:	Constant Current
120V:	N/A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	79W
Efficiency:	99%

LED Info

Watts:	78W
Color Temp:	5100K
Color Accuracy:	72 CRI
L70 Lifespan:	100000
Lumens:	9879
Efficacy:	126 LPW

High power, wide distribution LED floodlight. Replaces 250W MH. Patent Pending airflow technology ensures long LED and driver lifespan. Use for building facade lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: Bronze   Weight: 27.2 lbs

Technical Specifications

Electrical

Photocell:

480V Swivel Photocell Included. Photocell is only compatible with 480V.

Driver:

Constant Current, Class 2, 2000mA, 347-480V, 50-60Hz, 0.17A, Power Factor 99%

Starting/Operating Amps:

480V = 0.17A

Surge Protection:

4kV

THD:

13.4% at 480V

Power Factor:

94.4% at 480V

Listings

UL Listing:

Suitable for wet locations. Suitable for ground mounting.

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, and have received the Department of Energy "Lighting Facts" label.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.
DLC Product Code: P6MR6RH7

LED Characteristics

Lifespan:

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

LEDs:

Six multi-chip, 13Watt 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 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 (SSL) Products, ANSI C78.377-2017.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

EPA:

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Ambient Temperature:

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

Cold Weather Starting:

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

Thermal Management:

Superior heat sinking 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.

Gaskets:

High-temperature silicone gaskets

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.

Optical

NEMA Type:

NEMA Beam Spread of 6H x 6V

Technical Specifications (continued)

Other

California Title 24:

See FXLED78SF/480/PCT4 (480V) for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

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.

Patents:

The FXLED78 design is protected by U.S. Pat. D659,280, Canada Pat. 143155, China Pat. ZL201130443125.9, Mexico Pat. 36558 and pending patent in Taiwan.

Replacement Range:
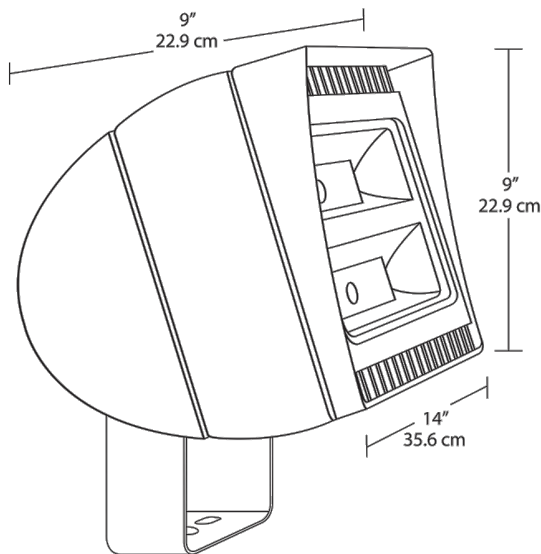
Replaces 150 - 320W Metal Halide

FTC Country of Origin:

This product was assembled in the USA by RAB using imported components.

Buy American Act Compliance:

This product complies with the Buy American Act.

Dimensions

9"
22.9 cm

9"
22.9 cm

14"
35.6 cm

Features

78 Watt high-performance LED

Replaces 250W MH floodlights

100,000 hour life based on LM-80 tests

Air-flow technology heatsink

NEMA type - 6H x 6V

Slipfitter and trunnion mounting available

5-year warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Finish	Driver	Photocell Options
FXLED	78	T			/480	
	78 = 78W	**SF** = Slipfitter	**Blank** = 5000K (Cool)	**Blank** = Bronze	**/480** = 480V	**Blank** = No Option
	105 = 105W	**T** = Trunnion	**N** = 4000K (Neutral)	**W** = White	**/BL** = Bi-Level (Slipfitter models only)	**/PCT** = 100-277V Twistlock
	125 = 125W		**Y** = 3000K (Warm)		**/D10** = 0-10V Dimming (78W, 125W and 150W only)	**/PCT4** = 480V Twistlock
	150 = 150W					

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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