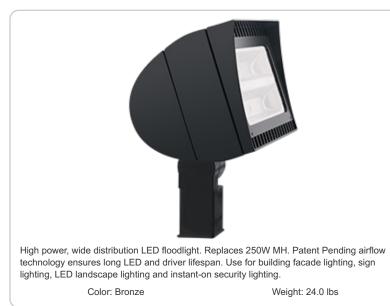
FXLED78SFN/PCS





Project:		Туре:	Туре:			
Prepared	By:	Date:				
Driver Info		LED Info				
Туре:	Constant Current	Watts:	78W			
120V:	0.66A	Color Temp:	4000K (Neutral)			
208V:	N/A	Color Accuracy:	81 CRI			
240V:	N/A	L70 Lifespan:	100,000			
	N/A	Lumens:	6,734			
277V:						
	78W	Efficacy:	86 LPW			



Technical Specifications

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 on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from **DLC** Member Utilities.

Other

Lifepsan:

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

Equivalency:

The FXLED78 is Equivalent in delivered lumens to a 250W Metal Halide.

California Title 24:

FXLED78SF/PCS complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 30 Watts mounted at height greater than 24 feet. For mounting heights < 24 feet see FXLED78SF/BL with bi-level operation; 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

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Technical Specifications (continued)

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water.

EPA: 2

Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

Thermal Management:

Superior heat sinking with external Air-Flow fins.

Housing:

Die-cast aluminum housing and door frame.

Mounting:

Heavy-duty Slip Fitter for 2 3/8"OD pipe.

Reflector:

Specular vacuum-metallized polycarbonate

Gaskets:

High-temperature silicone gaskets.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free.

Electrical

Photocell:

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

Driver:

Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz 11A Power Factor 99%

Electrical **Replacement Range:** THD: The FXLED78 can be used to replace 150 - 320W Metal Halide Floodlights based on delivered lumens. 4.3% at 120V, 13.9% at 277V **LED Characteristics** Surge Protection: LEDs: 4kV Optical

NEMA Type:

NEMA Beam Spread of 6H x 5V

Six multi-chip, 13Watt high-output, long-life LEDs.

Color Consistency:

3-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 C78.377-2008.

FXLED78SFN/PCS



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 5V
- Slipfitter and trunnion mounting available
- 5-year warranty

rdering Matr	ix							
Family	Watts	Mount	Color Temp	Finish	Dimming	Voltage	Photocell	Bi-Level
FXLED								
	78 = 78W	Blank = Arm T = Trunnion SF = Slipfitter	Blank = Cool Y = Warm N = Neutral	Blank = Bronze W = White	Blank = No Dimming /D10 = Dimmable	Blank = 120-277V /480 = 480 Volt	Blank = No Photocell /PCS = 120V Swivel /PCS2 = 277V Swivel /PCS4 = 480V Swivel	Blank = No Bi-Leve /BL = Bi-Level