



Color: White

Weight: 22.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.78A
208V	0.45A
240V	0.39A
277V	0.34A
Input Watts	78.3W

LED Info

Watts	78W
Color Temp	3000K (Warm)
Color Accuracy	71 CRI
L70 Lifespan	100,000 Hours
Lumens	9,844
Efficacy	125.7 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 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: P7ZPTTZS

Optical**NEMA Type:**

NEMA Beam Spread of 6H x 6V

Construction**IP Rating:**

Ingress protection rating of IP66 for dust and water

EPA:

2

Ambient Temperature:

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

Cold Weather Starting:

The 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

Reflector:

Specular vacuum-metallized polycarbonate

Gaskets:

High-temperature silicone gaskets

Technical Specifications (continued)

Construction

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Electrical

Driver:

Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

THD:

4.11% at 120V, 6.3% at 277V

Power Factor:

99.9% at 120V, 95% at 277V

Note:

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

Surge Protection:

4kV

LED Characteristics

LEDs:

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 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 (SSL) Products, ANSI C78.377-2017.

Performance

Lifespan:

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

Other

Equivalency:

Equivalent to 250W 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 rablighting.com/warranty.

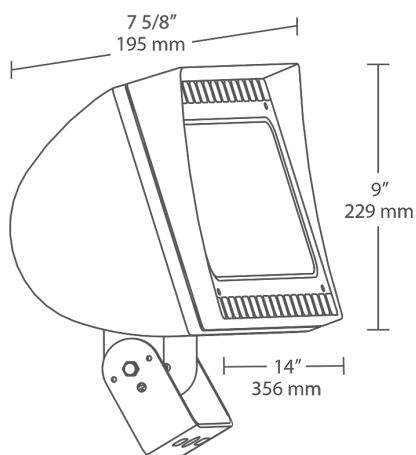
Patents:

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.

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

66% energy cost savings vs. HID

NEMA Type - 6H x 6V

"Air-Flow" technology heat dissipation

100,000-hour LED lifespan

5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Finish	Driver	Options	Other Option
FXLED	78	T	Y	W	/D10	/LC	
	78 = 78W 105 = 105W 125 = 125W 150 = 150W	SF = Slipfitter T = Trunnion	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = Bronze W = White	Blank = Standard /D10 = 0-10V Dimming /BL = Bi-Level /480 = 480V	Blank = No Option /LC = Lightcloud® Controller /PCT = 100-277V Twistlock /PCT4 = 480V Twistlock	Blank = Standard USA = BAA Compliant