FXLED78T

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

Driver Info

Type:	Constant Current
120V:	0.66A
208V:	0.41A
240V:	0.35A
277V:	0.30A
Input Watts:	76W
Efficiency:	N/A

LED Info

Watts:	78W
Color Temp:	5100K (Cool)
Color Accuracy:	71 CRI
L70 Lifespan:	100,000
Lumens:	9559
Efficacy:	126 LPW

Color: Bronze   Weight: 25.6 lbs

Technical Specifications

Listings

UL Listing:

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: P0000170A

LED Characteristics

Lifespan:

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

Note:

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

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:

2

Ambient Temperature:

Suitable For 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.

Optical

NEMA Type:

NEMA Beam Spread of 6H x 6V

Electrical

Driver:

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

Surge Protection:

4kV

THD:

5% at 120V, 14.1% at 277V

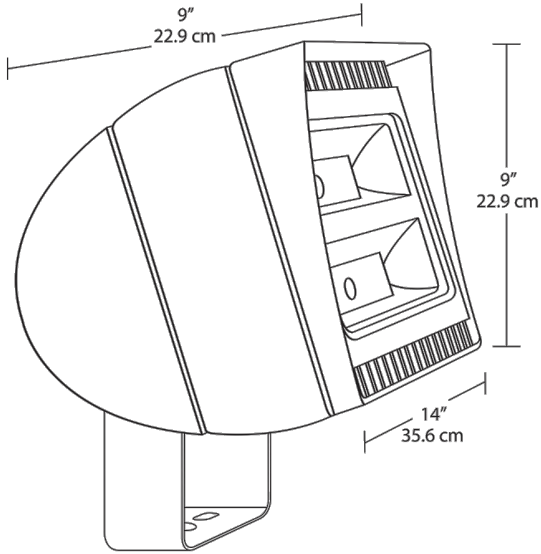**Power Factor:**

99.5% at 120V, 93.7% at 277V

Other

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

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.

RAB | Outdoor

Dimensions

9"
22.9 cm

9"
22.9 cm

14"
35.6 cm

Features

66% energy cost savings vs. HID

NEMA Type - 6H x 6V

Air-Flow technology heat dissipation

100,000-hour LED lifespan

5-year warranty

Ordering Matrix

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