



Color: Bronze

Weight: 27.1 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
 120V: 1.31A
 208V: 0.80A
 240V: 0.69A
 277V: 0.60A
 Input Watts: 154W
 Efficiency: 97%

LED Info

Watts: 150W
 Color Temp: 5000K (Cool)
 Color Accuracy: 72 CRI
 L70 Lifespan: 100,000
 Lumens: 18,755
 Efficacy: 122 LPW

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: P0000173K

Electrical**THD:**

4.9% at 120V, 13.9% at 277V

Power Factor:

99.5% at 120V, 93.7% at 277V

Driver:

One Driver, Constant Current, Class 2, 2100mA 100-277V, 50-60Hz, Power Factor 99%

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%)

LEDs:

Multi-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 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 Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction**IP Rating:**

Ingress Protection rating of IP66 for dust and water

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

Effective Projected Area:

EPA = 2

Cold Weather Starting:

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

Mounting:

Heavy-duty Trunnion mount with stainless steel hardware

Reflector:

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.

Optical**NEMA Type:**

NEMA Beam Spread of 6H x 6V

Sensor Characteristics**Field & Beam Angles:**

Horizontal Beam Angle (50%): 91.8°, Vertical Beam Angle (50%): 73.5° Horizontal Field Angle (10%): 121.0°, Vertical Field Angle (10%): 108.0°

Technical Specifications (continued)

Other

Patents:

The design of FXLED150 is protected by patents pending in US, Canada, China, Taiwan and Mexico

Equivalency:

Equivalent to 400W 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.

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 warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Finish	Driver	Options	Other Option
FXLED	150	T	Λ	Λ	Λ	Λ	Λ
	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	



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