



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 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 Control /PCT = 100-277V Twistlock /PCT4 = 480V Twistlock	Blank = Standard USA = BAA Compliant



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