



Color: Bronze

Weight: 27.1 lbs

| | |
|---------------------|--------------|
| Project: | Type: |
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|--------------|
| Type: | Constant Current | Watts: | 150W |
| 120V: | 1.31A | Color Temp: | 5000K (Cool) |
| 208V: | 0.80A | Color Accuracy: | 72 CRI |
| 240V: | 0.69A | L70 Lifespan: | 100,000 |
| 277V: | 0.60A | Lumens: | 18,755 |
| Input Watts: | 154W | Efficacy: | 122 LPW |
| Efficiency: | 97% | | |

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 warranted 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)

| | | |
|---|--|--|
| <p>Other</p> <hr/> <p>Patents: The design of FXLED150 is protected by patents pending in US, Canada, China, Taiwan and Mexico</p> | <p>Equivalency: Equivalent to 400W Metal Halide</p> | <p>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.</p> |
|---|--|--|

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 | ^ | ^ | ^ | ^ | ^ |
| | 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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