# FXLEDLT/7PR



Color: Bronze

Weight: 49.8 lbs

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

### Driver Info

| | |
|---|---|
| Type | Constant Current |
| 120V | 4.56A/3.78A |
| 208V | 2.63A/2.18A |
| 240V | 2.28A/1.89A |
| 277V | 1.92A/1.61A |
| Input Watts | 433.9-545.8W |

### LED Info

| | |
|---|---|
| Watts | 534/445W |
| Color Temp | 3000/4000/5000K |
| Color Accuracy | 82-85 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 61068-76501 lm |
| Efficacy | 129.1-152 lm/W |

## Technical Specifications

### Field Adjustability

**Field Adjustable:**
Field Adjustable Light Output:
534/445W (factory default 534W)
Color temperature selectable by 3000K, 4000K and 5000K (factory default 4000K)

### Compliance

**UL Listed:**
Suitable for wet locations. Suitable for mounting within 4 ft (1.2m) of the ground.

**IP Rating:**
Ingress protection rating of IP65 for dust and water

**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.

**Trade Agreements Act Compliant:**
This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

**DLC Listed:**
This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

### LED Characteristics

**LEDs:**
Long-life, high-efficacy, discrete, surface-mount 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 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.

### Electrical

**Driver:**
445W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 3.71A, 208V: 2.14A, 240V: 1.86A, 277V: 1.61A

534W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 4.45A, 208V: 2.57A, 240V: 2.23A, 277V: 1.93A

**Dimming Driver:**
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

**Surge Protection:**
L/N: 6 kV, L/N-PE: 6 kV

**7-Pin Receptacle:**
ANSI C136.41 7-pin receptacle, compatible with wireless control systems

### Performance

**Lifespan:**
100,000-Hour LED lifespan based on IESIm-80 results and TM-21 calculations

**Wattage Equivalency:**
534W: 2000W Metal Halide
445W: 2000W Metal Halide


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## Technical Specifications (continued)

### Optical

**NEMA Type:**
NEMA Beam Spread 7H x 6V

### Construction

**Cold Weather Starting:**
The minimum starting temperature is -40°F (-40°C)

**Ambient Temperature :**
Max Power Temp Rating: 104°F (40°C )
Low Power Temp Rating: 49.7°C (121.5°F)

**Housing:**
Die-cast aluminum

**Lens:**
Polycarbonate lens on LEDs, glass lens as cover

**Reflector:**
Polyethylene Terephthalate (PET)

**Gaskets:**
Ethylene Propylene Diene Monomer (EPDM)

**Finish:**
Formulated for high durability and long-lasting color

**Green Technology:**
Mercury and UV free. RoHS-compliant components.

### Installation

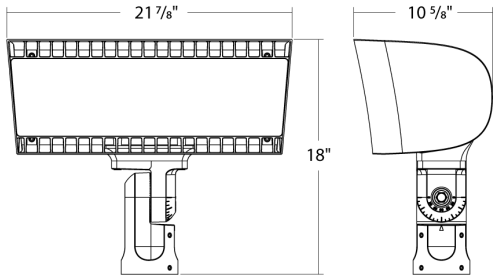
**Mounting:**
Heavy-duty Trunnion mount with stainless steel hardware

### Other

**10-Year, No-Compromise Warranty:**
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) 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.


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## Dimensions




## Features

- 100,000-hour life based on LM-80 results and TM-21 calculations
- DLC Premium Listed
- IP66 Rating protects against dust & water ingress
- 10-Year, No-Compromise Warranty

## Ordering Matrix

| Family | Housing Size | Color Temp | NEMA Type | Mounting | Finish | Driver | Options |
|---|---|---|---|---|---|---|---|
| FXLED | L | | | T | | | /7PR |
| | **S =** Field Adjustable 168/132/97/69W<br>**M =** Field Adjustable 346/213W<br>**L =** Field Adjustable 534/445W<br>**XS =** Field Adjustable 80/60/40W | **Blank =** 3000/4000/5000K CCT Adjustable<br>**Blank =** 4000/5000K CCT Adjustable | **B55 =** 5H x 5V [1]<br>**B33 =** 3H x 3V [1]<br>**Blank =** 6H x 6V (XS&S) or 7H x 6V (M&L) | **SF =** Slipfitter<br>**T =** Trunnion | **Blank =** Bronze<br>**W =** White | **Blank =** 120-277V, 0-10V Dimming<br>**/480 =** 480V, 0-10V Dimming | **Blank =** No Option<br>**/7PR =** 7-Pin receptacle |

[1] *Available on medium (M) and large (L) sizes only*


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