# WPLED4T150YFX/PCS

**RAB**
LIGHTING

<table>
<tr><td>**Project:**</td><td>**Type:**</td></tr>
<tr><td>**Prepared By:**</td><td>**Date:**</td></tr>
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**Driver Info**

| Type: | Constant Current |
|---|---|
| 120V: | 1.31A |
| 208V: | N/A |
| 240V: | N/A |
| 277V: | N/A |
| Input Watts: | 153W |
| Efficiency: | 98% |

**LED Info**

| Watts: | 150W |
|---|---|
| Color Temp: | 3000K (Warm) |
| Color Accuracy: | 81 CRI |
| L70 Lifespan: | 100,000 |
| Lumens: | 11,352 |
| Efficacy: | 74 LPW |

Ultra high output, high efficiency 150 Watt LED wallpacks. Patent Pending airflow technology ensures long LED and driver lifespan. 5 Year Warranty.

Color: Bronze                    Weight: 34.8 lbs

## Technical Specifications

### Other

**WPLED4T150 with Photocell:**

120V Swivel Photocell Included. Photocell is compatible with 120V.

**California Title 24:**

WPLED4T150/PCS complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 30 Watts mounted at height greater than 24 feet. For mounting heights < 24 feet see WPLED4T150/BL with bi-level operation; additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

**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.

**Patents:**

The design of WPLED150 is protected by patents pending in US, Canada, China, Taiwan and Mexico.

**Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

**Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

**Recovery Act (ARRA) Compliant:**

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

**Trade Agreements Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

**GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

### Listings

**UL Listing:**

Suitable for wet locations.

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaries have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have been received the Department of Energy "Lighting Facts" label.

**DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

**Dark Sky Approved:**

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

### LED Characteristics

**Lifespan:**

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

**LEDs:**

Multi-chip, high-output, long-life LEDs

**Color Consistency:**

3-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 C78.377-2011.

### Construction

**IES Classification:**

The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semiCircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

**IP Rating:**

Ingress Protection rating of IP66 for dust and water.

**Ambient Temperature:**

Suitable for use in 40°C (104°F) ambient temperatures.

**Cold Weather Starting:**

The minimum starting temperature is -40°F/-40°C.

**Thermal Management:**

Superior thermal management with external Air-Flow fins.

**Housing:**

Die-cast aluminum housing, lens frame and mounting arm

**Mounting:**

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

**Reflector:**

Specular vacuum-metallized polycarbonate

## Technical Specifications (continued)

### Construction

**Gaskets:**

High-temperature silicone gaskets

**Finish:**

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

**Green Technology:**

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

**For use on LEED Buildings:**

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

### Electrical

**Drivers:**

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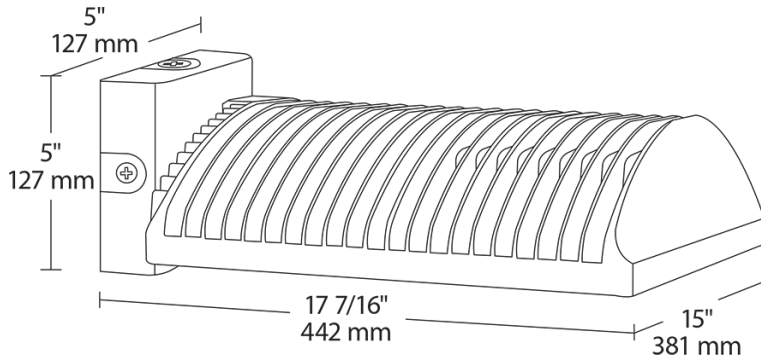
**THD:**

6% at 120V, 11.4% at 277V

### Optical

**BUG Rating:**

B1 U0 G2

Need help? Tech help line: **888 RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

Page 2 of 3

# WPLED4T150YFX/PCS

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LIGHTING

## Dimensions

5"
127 mm

5"
127 mm

17 7/16"
442 mm

15"
381 mm

## Features

High output, high efficiency LED

Maintains 70% of initial lumens at 100,000 hours

Weatherproof high temperature silicone gaskets

Superior heat sinking with die cast aluminum housing and external fins

100 up to 277 Volts

5-year warranty

## Ordering Matrix

| Family | Distribution | Watts | Color Temp | Mount | Finish | Photocell | Dimming | Sensor | Bi-Level |
|--------|-------------|-------|-----------|-------|--------|-----------|---------|--------|----------|
| WPLED | | | | | | | | | |
| | **2T** = Type II<br>**3T** = Type III<br>**4T** = Type IV | **150** = 150W | = Cool<br>**Y** = Warm<br>**N** = Neutral | = Standard<br>**FX** = Flat Wall | = Bronze<br>**W** = White | = No Photocell<br>**/PC** = 120V Button<br>**/PC2** = 277 Button<br>**/PCS** = 120V Swivel<br>**/PCS2** = 277V Swivel<br>**/PCT** = 120-277V Twistlock | = No Dimming<br>**/D10** = Dimmable | **/WS4** = Multi-Level Motion Sensor (Only available for 120-277V with /D10 for 150W) | = No Bi-Level<br>**/BL** = Bi-Level |