

# WPLED3T150Y/PC2



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

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

|              |                  |
|--------------|------------------|
| Type:        | Constant Current |
| 120V:        | N/A              |
| 208V:        | 0.80A            |
| 240V:        | 0.69A            |
| 277V:        | 0.60A            |
| Input Watts: | 154W             |
| Efficiency:  | 98%              |

### LED Info

|                 |              |
|-----------------|--------------|
| Watts:          | 150W         |
| Color Temp:     | 3000K (Warm) |
| Color Accuracy: | 81 CRI       |
| L70 Lifespan:   | 100,000      |
| Lumens:         | 10,345       |
| Efficacy:       | 67 LPW       |

## Technical Specifications

### Other

#### WPLED3T150 with Photocell:

277V Button Photocell Included. Photocell is compatible with 208V-277V.

#### California Title 24:

WPLED3T150/PC2 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 WPLED3T150/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.

#### 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 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 C78.377-2011.

### Construction

#### IES Classification:

The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

#### 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

#### Gaskets:

High-temperature silicone gaskets

## Technical Specifications (continued)

### Construction

#### 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:

6.6% at 120V, 11.5% at 277V

### Optical

#### BUG Rating:

B1 U0 G2

### Dimensions



### 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 =<br>150W | = Cool<br>γ = 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 |