# WPLED3T50Y/PCS

**RAB** LIGHTING

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



Ultra high output, high efficiency 50 Watt LED wallpacks. Patent Pending airflow technology ensures long LED and driver lifespan. 5 Year Warranty.

Color: Bronze          Weight: 34.8 lbs

### Driver Info

| Type: | Constant Current |
|---|---|
| 120V: | 0.46A |
| 208V: | N/A |
| 240V: | N/A |
| 277V: | N/A |
| Input Watts: | 52W |
| Efficiency: | 97% |

### LED Info

| Watts: | 50W |
|---|---|
| Color Temp: | 3000K (Warm) |
| Color Accuracy: | 82 CRI |
| L70 Lifespan: | 100,000 |
| Lumens: | 3,913 |
| Efficacy: | 76 LPW |

## Technical Specifications

### Other

**WPLED3T50 with Photocell:**

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

**Equivalency:**

WPLED™ 50W replaces 200W metal halide

**California Title 24:**

WPLED50 with available photocell option complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture ≤ 75 Watts. Add /PCT to include a photocell.

**Patents:**

The WPLED™ design is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.

**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.

**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 as a downlight.

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

RAB LED fixtures have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have 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.

**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: P00001792

### 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 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 ambient temperatures.

**Cold Weather Starting:**

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

**Thermal Management:**

Superior patent pending thermal management design with external Air-Flow fins provides maximum operational life, even in high ambient temperature environments.

**Housing:**

Die cast aluminum housing, lens frame and mounting arm.

**Mounting:**

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

## Technical Specifications (continued)

### Construction

**Reflector:**

Specular vacuum-metallized polycarbonate

**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.

### Electrical

**Driver:**

Constant Current, Class 2, 1400mA, 100-277V, 50-60Hz, 0.8A, Power Factor 99%

**THD:**

7.0% at 120V, 7.2% at 277V

**Surge Protection:**
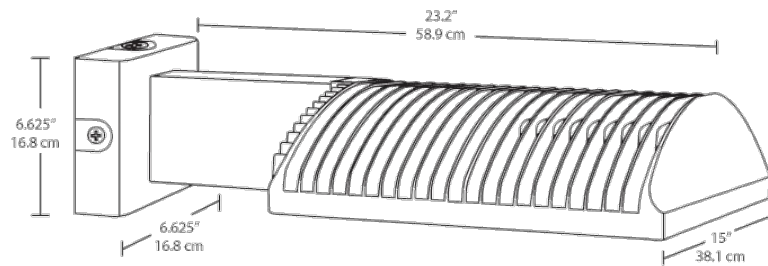
6kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2.

### Optical

**BUG Rating:**

B0 U0 G1

### Dimensions



23.2"
58.9 cm

6.625"
16.8 cm

6.625"
16.8 cm

15"
38.1 cm

### 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 | Voltage | Photocell | Dimming | Sensor | Bi-Level |
|---|---|---|---|---|---|---|---|---|---|---|
| WPLED | | | | | | | | | | |
| | **2T** = Type II<br>**3T** = Type III<br>**4T** = Type IV | **50** = 50W | = 5000K (Cool)<br>**Y** = 3000K (Warm)<br>**N** = 4000K (Neutral) | = Standard<br>**FX** = Flat Wall | = Bronze<br>**W** = White | = 120-277V<br>**/480** = 480V | = No Photocell<br>**/PC** = 120V Button<br>**/PC2** = 277V Button<br>**/PCS** = 120V Swivel<br>**/PCS2** = 277V Swivel<br>**/PCT** = 120-277V Twistlock<br>**/PCS4** = 480V Swivel<br>**/PCT4** = 480V Twistlock | = No Dimming<br>**/D10** = Dimmable | **/WS2** = Multi-Level Motion Sensor (Only available for 120-277V with /D10 for 50W) | = No Bi-Level<br>**/BL** = Bi-Level |

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

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