# WPLED4T150/BL





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:	Туре:
Prepared By:	Date:

<b>Driver Info</b>		LED Info	
Type:	Constant Current	Watts:	150W
120V:	1.31A	Color Temp:	5000K
208V:	0.80A	Color Accuracy:	65 CRI
240V:	0.69A	L70 Lifespan:	100000
277V:	0.60A	Lumens:	14,349
Input Watts:	156W	Efficacy:	92 LPW
Efficiency:	96%		



## **Technical Specifications**

#### Other

## WPLED4T150 with Bi-Level Operation:

Allows 50% and 100% output modes.

#### California Title 24:

WPLED4T150/BL with bi-level operation is compliant with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 30 Watts mounted up to 24 feet when used with a RAB photo/motion control. Select a photo/motion control using catalog number STL110, STL200 or STL360. Mounting heights greater than 24 feet require only a photocell. See WPLED4T150/PC, WPLED4T150/PC3, WPLED4T150/PCS2 or WPLED4T150/PCT for photocell models.

### 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.

### **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: PX7Y7U65

### **LED Characteristics**

## Lifespan:

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

#### I FDs

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 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.

## **Maximum Ambient Temperature:**

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

## **Cold Weather Starting:**

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

#### **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. RoHS compliant components. 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:

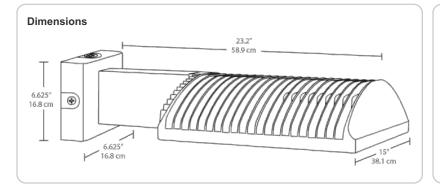
Two Drivers, Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, Power Factor 99%

## THD:

4.7% at 120V, 13.3% at 277V

# WPLED4T150/BL





## **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

Family	Distribution	Watts	Color Temp	Mount	Finish	Photocell	Dimming	Sensor	Bi-Level
WPLED									
	2T = Type II		Blank =	Blank =	Blank =	Blank = No	Blank = No	/WS4 = Multi-Level Motion Sensor (Only available	Blank = N
	3T = Type III	150W	5000K (Cool)	Standard	Bronze	Photocell	Dimming	for 120-277V with /D10 for 150W)	Bi-Leve
	4T = Type IV		<b>Y</b> = 3000K	FX = Flat	<b>W</b> =	/PC = 120V	/D10 =		<b>/BL</b> = B
	,,		(Warm)	Wall	White	Button	Dimmable		Level
			N = 4000K			/PC2 = 277			
			(Neutral)			Button			
						/PCS = 120V			
						Swivel			
						/PCS2 = 277V			
						Swivel			
						/PCT = 120-			
						277V Twistlock			