

# WPLED2T150Y/D10/WS4



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: 28.0 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type:	Constant Current
120V:	1.31A
208V:	0.80A
240V:	0.69A
277V:	0.60A
Input Watts:	156W
Efficiency:	96%

### LED Info

Watts:	150W
Color Temp:	3000K (Warm)
Color Accuracy:	81 CRI
L70 Lifespan:	100,000
Lumens:	11,494
Efficacy:	74 LPW

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations.

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

RAB LED luminaires 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 II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

#### 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

#### 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:

5.8% at 120V, 11.3% at 277V

#### Other

#### California Title 24:

WPLED2T150/D10 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture > 30 Watts mounted up to 24 feet when used with the RAB Stealth Dimmer. Use catalog code STLDIM10 to order a Stealth Dimmer module. Mounting heights greater than 24 feet require only a photocell. See WPLED2T150/PC, WPLED2T150/PC2, WPLED2T150/PCS, WPLED2T150/PCS2 or WPLED2T150/PCT for photocell models.

#### WPLED2T150 with Dimmable Driver:

Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

#### 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.

**Technical Specifications (continued)**

**Other**

**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.

**Optical**

**BUG Rating:**

B2 U0 G2

**Sensor Specifications**

**Power Consumption:**

1W

**0-10V Sinking Current:**

50mA

**Adjustable High and Low Modes:**

High: 0-10V; Low: off, 0-9.8V

**Adjustable Time Delay:**

Amount of time in high mode with no motion before switching to low mode: 5 min., 1 -30 min.

**Adjustable Cut Off Delay:**

Time in which the fixture will remain on low mode with no motion before turning off and waiting for new motion to turn on: None, 1 -60 min., 1 -5 hrs.

**Adjustable Sensitivity:**

None, low, medium, maximum

**Adjustable Setpoint:**

None, 1 to 250 fc, auto

**Adjustable Ramp Up and Fade Down Times:**

1 to 60 sec.

**Operating Temperature:**

-40°F/-40°C. to 167°F (-40°C to +75°C)

**Operating Humidity:**

20% to 90% noncondensing

**Relay Life Rating:**

200,000 cycles (120/277VAC), 50,000 cycles (230VAC)

**IP Rating:**

Ingress Protection rating of IP66 for dust and water.

**UL Listing:**

Suitable for Wet Locations as factory installed.

**Handheld Wireless Configuration Tool:**

Adjust settings using handheld wireless configuration tool. Only available with 0-10V dimming driver options.

**Multi Level Motion Sensor:**

60 ft. diameter coverage from 40 ft. height.

**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	150 =	= Cool	=	=	= No Photocell	= No	/WS4 = Multi-Level Motion Sensor (Only available for 120-277V with /D10 for 150W)	= No Bi-Level	
	3T = Type III	150W	Y =	Standard	Bronze	/PC = 120V Button	Dimming		/D10 =	Level
	4T = Type IV		Warm	FX = Flat	W =	/PC2 = 277 Button	Dimmable		/BL = Bi-Level	Level
			N = Neutral	Wall	White	/PCS = 120V Swivel				
						/PCS2 = 277V Swivel				
						/PCT = 120-277V Twistlock				