

WPLED4T150Y/D10/WS4



Ultra high output, high efficiency 150 Watt LED wallpacks with multi-level motion sensor. 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

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| Type: | Constant Current |
| 120V: | 1.31A |
| 208V: | 0.80A |
| 240V: | 0.69A |
| 277V: | 0.60A |
| Input Watts: | 154W |
| Efficiency: | 97% |

LED Info

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|-----------------|--------|
| Watts: | 150W |
| Color Temp: | 3000K |
| Color Accuracy: | 81 CRI |
| L70 Lifespan: | 100000 |
| Lumens: | 11,271 |
| Efficacy: | 73 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 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

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:

6% at 120V, 11.4% at 277V

Dimming Driver:

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

Other

California Title 24:

WPLED4T150/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 WPLED4T150/PC, WPLED4T150/PC2, WPLED4T150/PCS, 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.

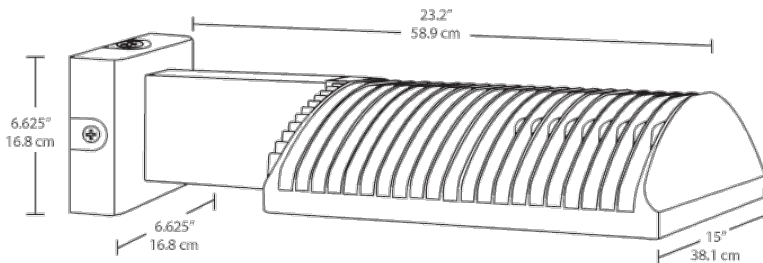
Patents:

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

Technical Specifications (continued)

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| <p>Other</p> <hr/> <p>Country of Origin: Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.</p> <p>Buy American Act Compliant: This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.</p> <p>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).</p> <p>Trade Agreements Act Compliant: This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.</p> <p>GSA Schedule: Suitable in accordance with FAR Subpart 25.4.</p> <p>Optical</p> <hr/> <p>BUG Rating: B1 U0 G2</p> <p>Sensor Specifications</p> <hr/> <p>Operating Voltage: 120V or 277V</p> <p>Power Consumption: 1W</p> | <p>0-10V Sinking Current: 50mA</p> <p>Adjustable High and Low Modes: High: 0-10V; Low: off, 0-9.8V</p> <p>Adjustable Time Delay: Amount of time in high mode with no motion before switching to low mode: 5 min., 1 -30 min.</p> <p>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.</p> <p>Adjustable Sensitivity: None, low, medium, maximum</p> <p>Adjustable Setpoint: None, 1 to 250 fc, auto</p> <p>Adjustable Ramp Up and Fade Down Times: 1 to 60 sec.</p> <p>Operating Temperature: -40°F/-40°C. to 167°F (-40°C to +75°C)</p> | <p>Operating Humidity: 20% to 90% noncondensing</p> <p>Relay Life Rating: 200,000 cycles (120/277VAC), 50,000 cycles (230VAC)</p> <p>IP Rating: Ingress Protection rating of IP66 for dust and water.</p> <p>UL Listing: Suitable for Wet Locations as factory installed.</p> <p>Handheld Wireless Configuration Tool: Adjust settings using handheld wireless configuration tool. Only available with 0-10V dimming driver options.</p> <p>Multi Level Motion Sensor: 60 ft. diameter coverage from 40 ft. height.</p> |
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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