WPLED4T150YW/D10





| Project: | | Туре: | Туре: | | | |
|--------------|------------------|-----------------|--------------|--|--|--|
| Prepared | By: | Date: | | | | |
| Driver Info | | LED Info | | | | |
| Туре: | Constant Current | Watts: | 150W | | | |
| 120V: | 1.31A | Color Temp: | 3000K (Warm) | | | |
| 208V: | 0.80A | Color Accuracy: | 81 CRI | | | |
| 240V: | 0.69A | L70 Lifespan: | 100,000 | | | |
| 277V: | 0.60A | Lumens: | 11,271 | | | |
| Input Watts: | 154W | Efficacy: | 73 LPW | | | |
| input watto. | | | | | | |

Technical Specifications

Other

WPLED4T150 with Dimmable Driver:

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

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.

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.

Technical Specifications (continued)

Construction

Finish:

Our environmentally friendly polyester powder coatings

Green Technology:

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals

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.

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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 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°.

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution

Two Drivers, Constant Current, Class 2, 2000mA, 100-

277V, 50-60Hz, 1.1A, Power Factor 99%

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

are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals. For use on LEED Buildings:

THD:

6% at 120V, 11.4% at 277V

Optical

BUG Rating:

B1 U0 G2

Reduction

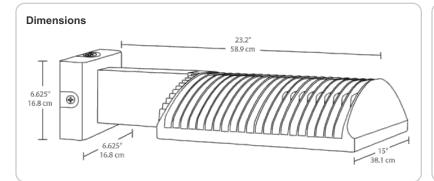
Electrical

Drivers:



WPLED4T150YW/D10





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