WPLED2T150YFX/D10





Project:		Type: Date:			
Prepared	By:				
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:	11,494		
	156W	Efficacy:	74 LPW		
Input Watts:					

Technical Specifications

Other

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%

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

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.

I FDe

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 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.

IDA Dark Sky Approval means that this fixture can be

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

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

used to achieve LEED Credits for Light Pollution

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:

5.8% at 120V, 11.3% at 277V

Optical

BUG Rating:

B2 U0 G2

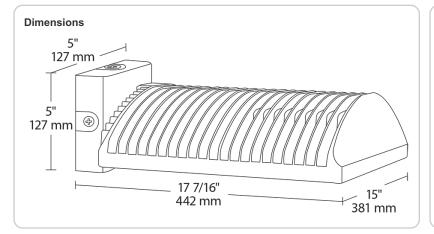
Reduction

Electrical

Drivers:



WPLED2T150YFX/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		= 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