LOT2T160YW/480/D10/PCT4





Specification grade area lights available in IES Type II distributions. For use in parking lots, roadways, pathways and general area lighting. Best-in-class 5-G vibration rating. 5-year warranty.

Color: White Weight: 20.9 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	160W
120V:	N/A	Color Temp:	3000K
208V:	N/A	Color Accuracy:	71 CRI
240V:	N/A	L70 Lifespan:	100000
277V:	N/A	Lumens:	16,096
Input Watts:	156W	Efficacy:	103 LPW
Efficiency:	N/A		

Technical Specifications

Listings

UL Listing:

Suitable for wet locations

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

Dark Sky Approved:

Conforms to the requirements listed by the International Dark-Sky Association for "Dark Sky" approval. The Fixture Seal of Approval provides objective, third-party certification for luminaries that minimize glare, reduce light trespass, and don't pollute the night sky.

Electrical

Driver:

Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.354

Photocell:

480V Twistlock Photocell Included. Photocell is only compatible with 480V.

THD:

10% at 480V

Power Factor:

99% at 480V

Surge Protection:

L-N 4kV; L-Earth 6kV

Dimming Driver:

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

Optical

Lifespan:

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

Construction

IES Classification:

The Type II distribution is meant for lighting large areas, located by the roadside. Typically found on wide walkways, on ramps, entrace roadways and bike paths.

Effective Projected Area:

EPA = 0.8

Vibration Rating:

Industry-leading 5G vibration rating per ANSI C136.31.

Cold Weather Starting:

Minimum starting temperature is -40° F (-40° C)

Ambient Temperature:

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

Housing:

Precision die-cast aluminum housing.

Mounting:

Mounts to RAB square poles. Mounts to all square and round poles if optional Universal Pole Adaptor is used.

Lens:

Clear acrylic lens with integrated optics

IP Rating:

Ingress Protection rating of IP66 for dust and water

Gaskets:

High temperature silicone gaskets.

Finish:

Formulated for high-durability and long lasting color.

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.

LED Characteristics

LEDs:

Long-life, high-efficiency surface mount LEDs

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 C78.377-2015.

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Technical Specifications (continued)

Other

5 Yr Limited Warranty:

Fixture operation and paint finish are covered for a period of 5 years.

Replacement:

Replaces up to 400W Metal Halide.

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:

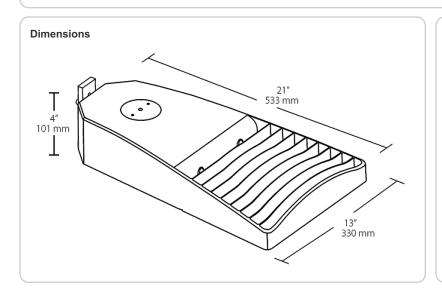
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

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).

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.



Features

Lightweight design and low EPA minimize pole load

Best-in-class 5-G vibration rating

100,000-hour LED lifespan

5-year warranty

Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories	
LOT	2T	160	Y	W	/480/D10		/PCT4		
	2T = Type II	160 = 160W 110 =	Blank = 5000K (Cool) N = 4000K	K (Cool) Bronze Dimming (standard) square pole 4000K W = White /480/D10 = 480V, 0-10V /UPA = University	Dimming (standard) square // 480/D10 = 480V, 0-10V // UPA = Uni	Blank = Mounts to RAB square poles /UPA = Universal Pole	/PCT = 120-277V Twistlock PC	Blank = None /HS = 2 House- Side-Shields	
		110W 65 = 65W	(Neutral) Y = 3000K (Warm)	= 65W Y = 3000K		Dimming	Adaptor	/WS2 = Wattstopper Sensor + 20ft lens, 120-277V /WS4 = Wattstopper Sensor + 40ft	
							lens, 120-277V		
							/5PR = 5-Pin Receptacle, no PCT		
							/7PR = 7-Pin Receptacle, no PCT		
							/BL = Bi-Level Dimming, 120- 277V		