# LOT2T160W/480/D10/UPA/5PR



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: 22.7 lbs

# **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.

# Electrical

# Driver:

Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.35A

# THD:

10% at 480V

# **Power Factor:**

99% at 480V

### 5-Pin Receptacle:

ANSI C136.41 5-pin receptacle, compatible with wireless control systems

### 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.

### Full Cutoff:

Full cutoff optics conform with dark sky requirements.

**Project:** 

Input Watts:

Efficiency:

157W

N/A

Prepared By:

# 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 all square and round poles.

#### Lens:

Clear acrylic lens with integrated optics

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

Type:

Date:

# Gaskets:

High temperature silicone gaskets.

Efficacy:

### 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.

### **LED Characteristics**

#### LEDs:

Long-life, high-efficiency surface mounting 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.

### Other

### 5 Yr Limited Warranty:

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

**Driver Info** LED Info Constant Current Watts: 160W Type: 120V: N/A Color Temp: 5000K 208V: N/A Color Accuracy: 72 CRI 240V: N/A L70 Lifespan: 100000 277V: N/A Lumens: 17,402

Need help? Tech help line: (888) RAB-1000 Email: sales@rabweb.com Website: www.rabweb.com Copyright © 2014 RAB Lighting Inc. All Rights Reserved Note: Specifications are subject to change at any time without notice



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# **Technical Specifications (continued)**

# Other

# 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:**

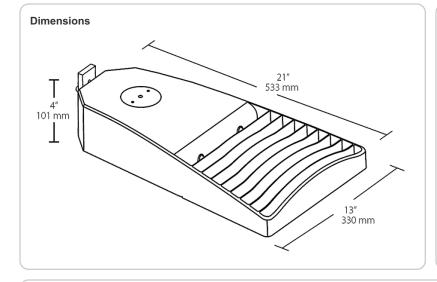
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

# 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

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